

FINAL
INITIAL STUDY/
MITIGATED NEGATIVE DECLARATION

FOR THE
LAGUNA RIDGE EAST ELEMENTARY SCHOOL

Elk Grove, CA

DECEMBER, 2020

Prepared for:

Elk Grove Unified School District
9510 Elk Grove-Florin Road
Elk Grove, CA 95624

Prepared by:

BaseCamp Environmental, Inc.
115 S. School Street, Suite 14
Lodi, CA 95240
209-224-8213



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Appendix B	Cultural Resources
Appendix C	Geologic Hazards Assessment
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Appendix E	AB 52 Documentation

LIST OF ACRONYMS USED IN THIS DOCUMENT

AB	Assembly Bill
ARB	California Air Resources Board
Cal-OSHA	California Occupational Safety and Health Administration
CAP	Climate Action Plan
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CO	carbon monoxide
CO ₂	carbon dioxide
CO _{2e}	carbon dioxide equivalent
dB	decibel
dBA	decibel, A-weighted
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
EIR	Environmental Impact Report
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
GAMAQI	Guide for Assessing and Mitigating Air Quality Impacts
GHG	greenhouse gas
IS/ND	Initial Study/Negative Declaration
LOS	Level of Service
MRZ	Mineral Resource Zone
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO _x	nitrogen oxide
PM ₁₀	particulate matter 10 microns or less in diameter
PM _{2.5}	particulate matter 2.5 microns or less in diameter
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
SJRTD	San Joaquin Regional Transit District
SJVAPCD	San Joaquin Valley Air Pollution Control District
SUSD	Stockton Unified School District
SWMP	Storm Water Management Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant

ELK GROVE UNIFIED SCHOOL DISTRICT
NOTICE OF INTENT TO ADOPT MITIGATED NEGATIVE DECLARATION
AND NOTICE OF PUBLIC MEETING
LAGUNA RIDGE EAST ELEMENTARY SCHOOL

Notice is hereby given that Elk Grove Unified School District (EGUSD) has prepared an Initial Study (IS) of environmental effects and intends to adopt a Mitigated Negative Declaration (MND) for construction of a proposed elementary school at the northwest corner of Poppy Ridge Road and Lousada Drive in Elk Grove.

EGUSD proposes to acquire the site, then design and construct a Pre-K-6 elementary school that would accommodate up to 1,150 students. The school would consist of classrooms, a multipurpose building, a library, an administration building, and childcare facilities, together with fields, play courts, a parking area, pickup and drop-off areas, and other site improvements. Vehicular access to the site would be gained from adjacent Lousada Drive and Poppy Ridge Road.

The IS/MND has analyzed the potential environmental effects of the project as required by the California Environmental Quality Act (CEQA) and the CEQA Guidelines. On the basis of this analysis, the IS/MND finds that the project would not involve any significant environmental effects, provided that the mitigation measures described in the IS/MND are implemented. EGUSD, the project proponent, will implement the mitigation measures. There are no sites enumerated 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 EGUSD Facilities and Planning Department at the address below. The IS/MND will also be available for review at www.egusd.net/LagunaRidgeEastElementary-NOI. EGUSD will accept public and agency comments on the IS/MND during a 30-day review period that will begin on November 10, 2020 and end on December 9, 2020. Comments may be sent via email to Kim Williams at kimwilli@egusd.net or via US Mail or hand-delivery to:

Facilities and Planning Department
Elk Grove Unified School District
9510 Elk Grove-Florin Road, Room 206
Elk Grove CA 95624
Attn: Kim Williams, Planning Manager

The EGUSD Board of Education will consider adoption of the IS/MND at its regular meeting at 6:00 PM on December 15, 2020. This meeting will be a "Virtual" Board Meeting and will be conducted online using the Zoom platform. Information regarding how to submit comments and/or watch the meeting may be found at www.egusd.net at least 72 hours prior to the meeting.



Kim Williams, Planning Manager
Elk Grove Unified School District

11/4/20
Date

NEGATIVE DECLARATION

A. General Project Information

Project Title:	Laguna Ridge East Elementary School
Lead Agency Name and Address:	Elk Grove Unified School District 9510 Elk Grove-Florin Road Elk Grove, CA 95624
Contact Person and Phone Number:	Kim Williams, 916-793-2655
Project Location:	Norththwest corner of Lousada Drive and Poppy Ridge Road, in Elk Grove, CA
Project Sponsor Name & Address:	Same as Lead Agency
General Plan Designation:	Public Services
Zoning:	Public School
Description of Project:	The District proposes to acquire the proposed project site and to construct a pre-K to Grade 6 elementary school that would accommodate up to 966 students at one time. The school would consist of classroom buildings, a multipurpose building, and a library/administration building. Play fields and play courts would also be located on site. Parking lots and pickup/drop-off areas would be accessed from Lousada Drive and Poppy Ridge Road.
Surrounding Land Uses:	The site is located in a developing residential neighborhood; new residential units are located immediately east of Lousada Drive. A community park is planned for lands adjacent to the north and west boundaries of the school site. Lands immediately south of the site and Poppy Ridge Road are vacant and in remnant agricultural use; this area is a Special Planning Area (SPA) intended for urban development and zoned SPASEPA by the City.

Other Public Agencies Whose
Approval is Required:

City of Elk Grove for vehicular access, street
frontage improvements and City utility connection.

B. Environmental Factors Potentially Affected

The environmental factors checked below may be significantly affected by this project, involving at least one impact that is a “Potentially Significant Impact” prior to mitigation. Mitigation measures that would avoid potential effects or reduce them to a less than significant level have been prescribed for each of these effects, as described in the checklist and narrative on the following pages, and in the Summary Table at the end of Chapter 1.0.

	Aesthetics		Agriculture/Forestry Resources		Air Quality
✓	Biological Resources	✓	Cultural Resources		Energy
	Geology/Soils		Greenhouse Gas Emissions	✓	Hazards/Hazardous Materials
	Hydrology/Water Quality		Land Use/Planning		Mineral Resources
✓	Noise		Population/Housing	✓	Public Services
	Recreation	✓	Transportation/Traffic	✓	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 and/or mitigation measures that would reduce potential effects to a less than significant level have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared. *All applicable mitigation measures are shown in the Summary Table (Table 1-1) at the end of Chapter 1.0 of the Initial Study.*
- ☐ 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.

ELK GROVE UNIFIED SCHOOL DISTRICT



Kim Williams, Planning Manager
Elk Grove Unified School District

11/5/20
Date

1.0 INTRODUCTION

1.1 Project Brief

This document is an Initial Study/Negative Declaration (IS/MND) for the proposed Elk Grove Unified School District (EGUSD) Laguna Ridge East Elementary School (the “project”). The 10-acre project site is located at the northwest corner of Lousada Drive and Poppy Ridge Road in Elk Grove, California (Figures 1-1 through 1-5). This IS/MND has been prepared in compliance with the requirements of the California Environmental Quality Act (CEQA). The Elk Grove Unified School District (EGUSD) is the CEQA Lead Agency for the project.

The District proposes to acquire the project site and then to design and construct a Pre-K to Grade 6 elementary school that would accommodate up to 966 students at one time. The school would consist of classrooms, a multipurpose building, and a library/administration building together with fields, play courts, a parking area, pickup and drop-off areas, and other site improvements. Vehicular access to the site would be gained from adjacent Lousada Drive and Poppy Ridge Road. Additional project detail is provided in Chapter 2.0.

1.2 Purpose of Initial Study

CEQA requires that public agencies document and consider 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 is less than significant.

The Initial Study may also be used to determine whether the potential environmental effects of the project have been adequately addressed in prior CEQA environmental documents and whether these significant effects would be reduced to a less than significant level with mitigation measures described in the documents. The potential environmental effects of urban development of the project site and vicinity have been considered at a programmatic level in environmental impact reports prepared by the City of Elk Grove for the City’s adopted General Plan (2019) and Laguna Ridge Specific Plan (2004). The applicability of

these documents and the degree to which they address the project's potential environmental effects is discussed in Chapter 3.0 of this IS/MND. These documents are hereby incorporated by reference. The Elk Grove General Plan may be reviewed online at:

http://elkgrovecity.org/city_hall/departments_divisions/city_manager/strategic_planning_and_innovation/general_plan/documents

The Laguna Ridge Specific Plan may be reviewed online at:

https://www.elkgrovecity.org/city_hall/departments_divisions/planning/current_development_projects/laguna_ridge_specific_plan

Copies of both of these documents are also available for review at the offices of the City of Elk Grove, located at 840 Laguna Palms Way, Elk Grove, CA 95758.

In the event that an Initial Study does not identify any significant effects, the agency prepares a Negative Declaration. If, on the other hand, the Initial Study identifies significant effects, but also identifies mitigation measures that would reduce all of these significant effects to a level that is less than significant, then the agency may prepare a Mitigated Negative Declaration. If neither of these situations apply, and the project involves environmental effects that cannot be reduced to a less than significant level with mitigation, 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.

Construction and operation of the proposed new school is a "project" as defined by CEQA and is not exempt from CEQA. Acquisition of the site for the purposes of school construction requires CEQA review. The EGUSD 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, discusses the potential environmental effects of the project and, when necessary, identifies feasible mitigation measures that would eliminate the potentially significant environmental effects of the project or reduce them to a level that would be less than significant. The findings and mitigation measures identified in the Initial Study are derived from the prior programmatic EIRs as well as new analysis performed as a part of Initial Study preparation. 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 not have significant environmental effects that cannot be mitigated to a less than significant level. As a result, the EGUSD has prepared a Mitigated Negative Declaration and has notified the public of its intent to adopt the IS/MND. The time available for comment on the IS/MND is shown in the Notice of Intent, immediately inside the front cover of this document.

1.3 Environmental Evaluation Checklist Terminology

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

A Potentially Significant Impact occurs when there is substantial evidence that the project would 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, however, there are one or more Potentially Significant Impact entries in the Initial Study, an EIR is required.

A Less Than Significant Impact occurs when the project would involve effects on a particular resource, but the project would not involve a substantial adverse change to the physical environment, and no mitigation measures are 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 less than significant level with the application of mitigation measures.

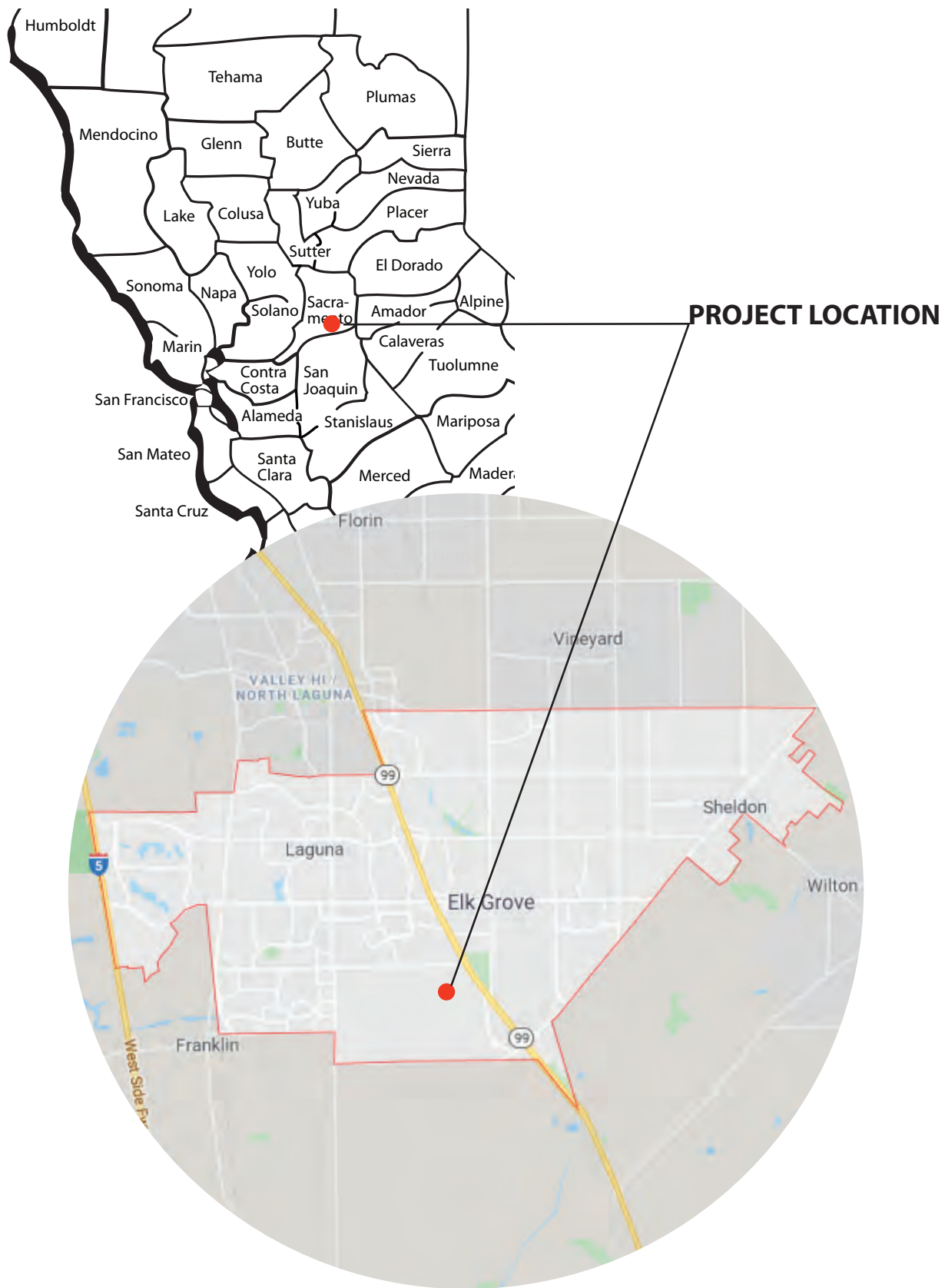
A determination of No Impact is self-explanatory.

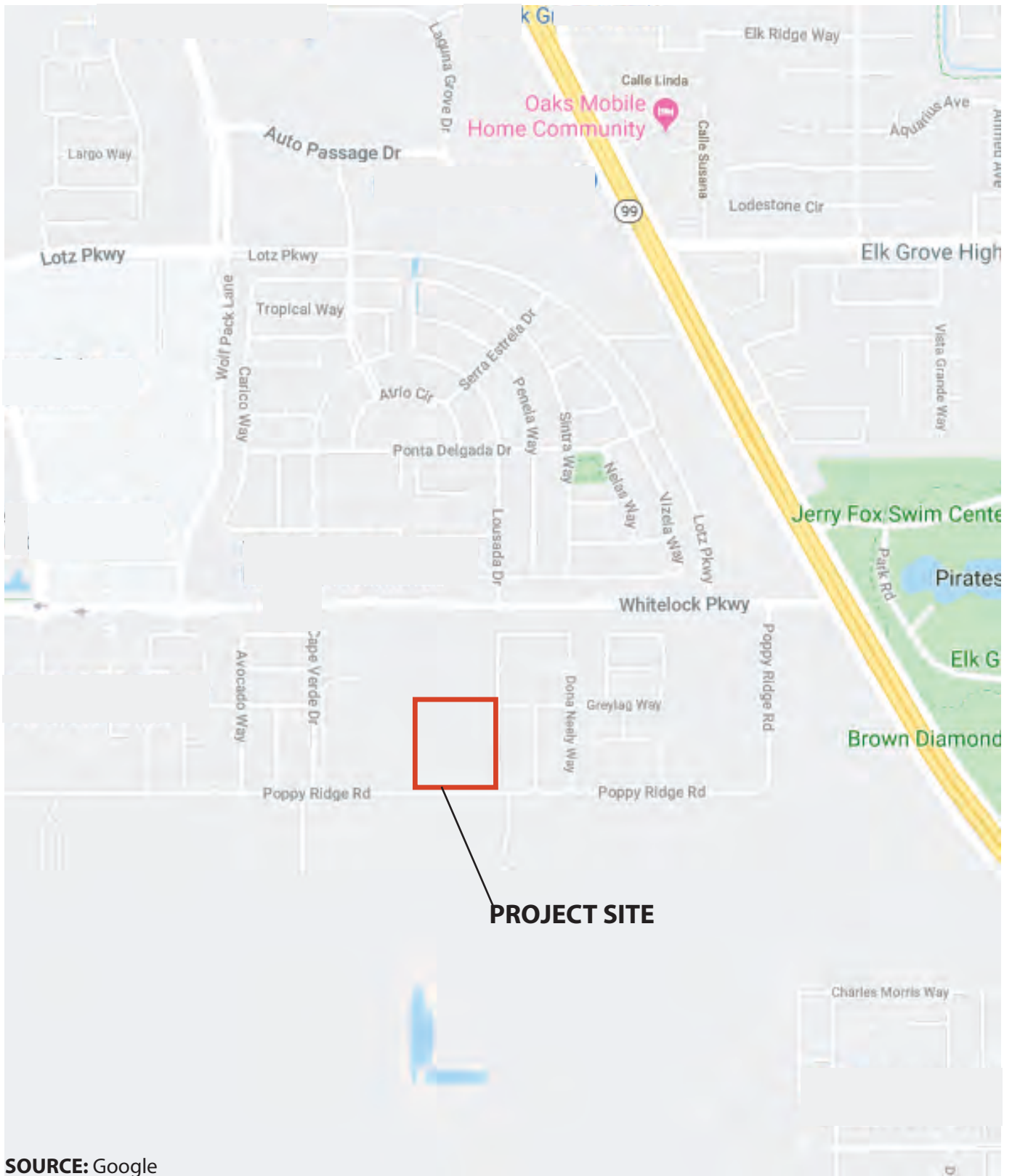
This IS/MND did not identify any potentially significant environmental effects related to the project that cannot be reduced to a less than significant level with mitigation.

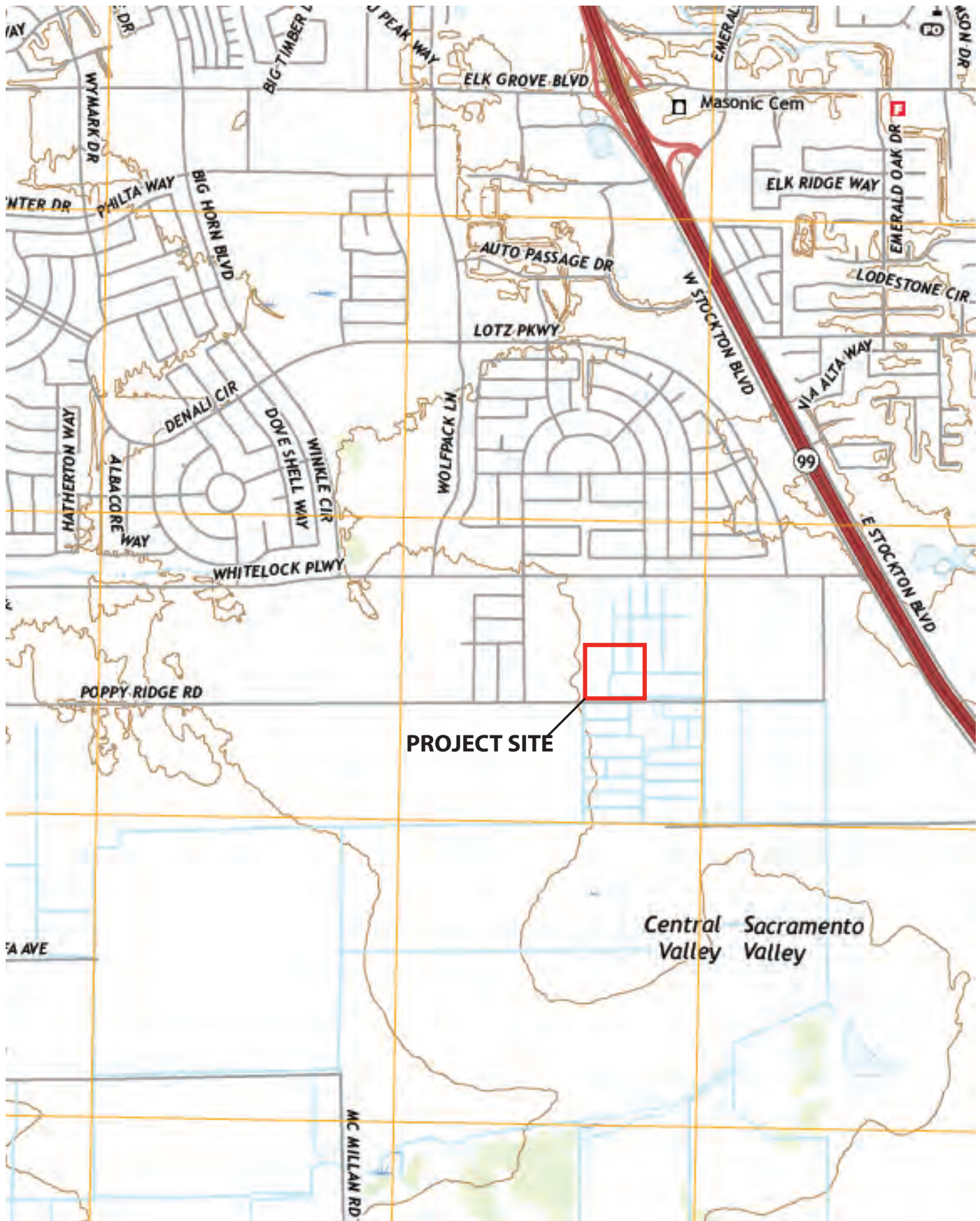
1.4 Summary of Environmental Effects and Mitigation Measures

The following pages contain Figures 1-1 through 1-5, followed by Table 1-1, Summary of Impacts and Mitigation Measures. Table 1-1 summarizes the results of the Environmental Checklist Form and associated narrative discussion in Chapter 3.0. The potential

environmental impacts of the proposed project are summarized in the left-most column of this table. The level of significance of each impact is indicated in the second column. Mitigation measures proposed to avoid or minimize the impacts are shown in the third column, and the significance of the impact after mitigation measures are applied is shown in the fourth column.







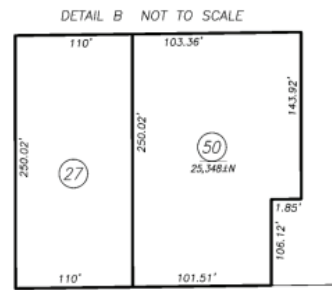
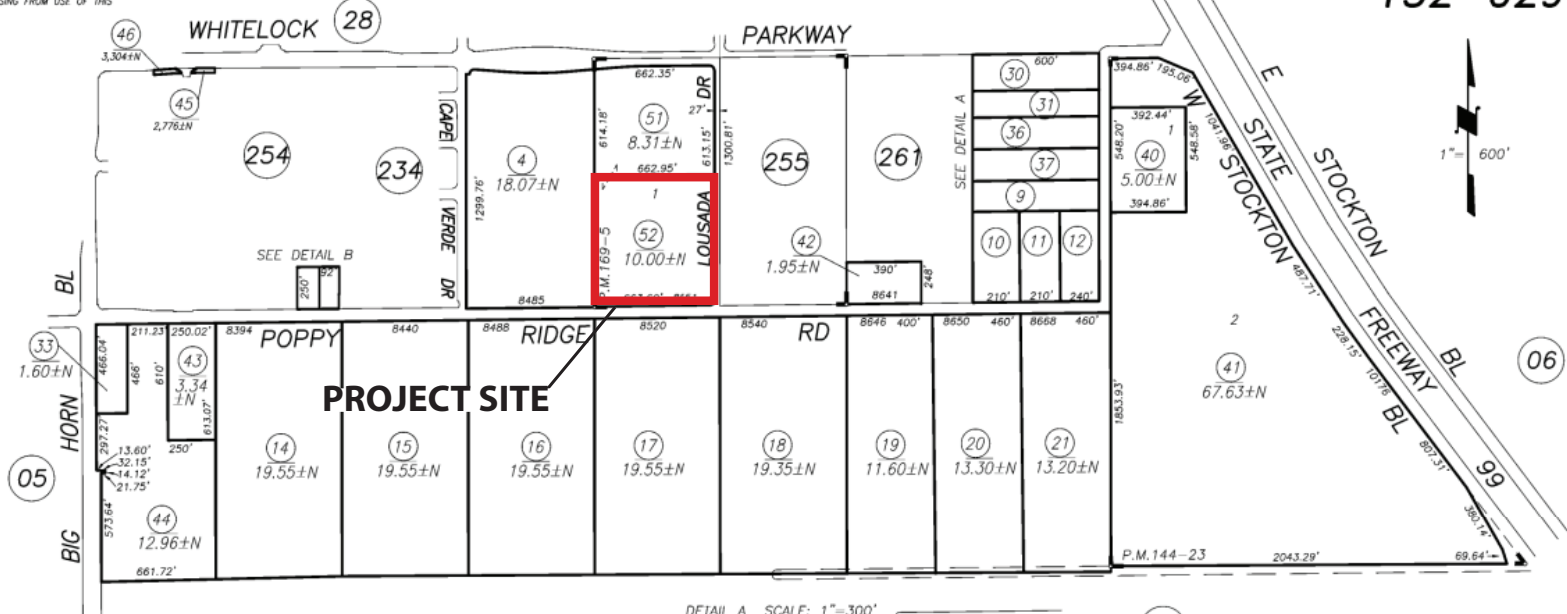
SOURCE: Florin CA Quadrangle Map, 2018.



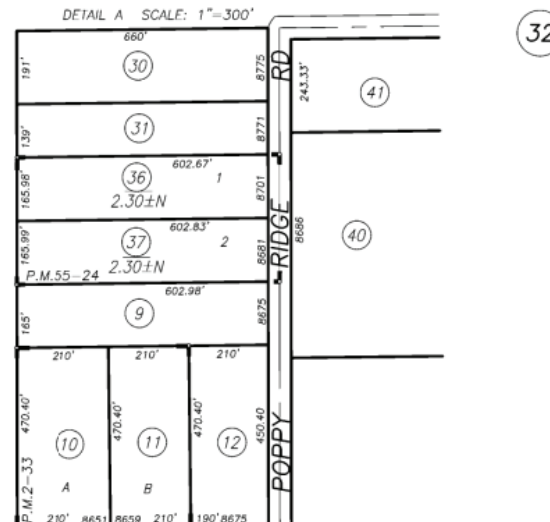
DISCLAIMER: ASSESSOR'S PARCELS ARE FOR TAX ASSESSMENT PURPOSES ONLY AND DO NOT INDICATE EITHER PARCEL LEGALITY OR A VALID BUILDING SITE. THE COUNTY OF SACRAMENTO ASSUMES NO RESPONSIBILITY ARISING FROM USE OF THIS INFORMATION.

POR. SEC. 11&12, T.6N., R.5E., M.D.B.& M.

132-029



POPPY RIDGE RD



Parcel Map, P.M. Bk.2 Pg.33 (11-22-1968)
Parcel Map, P.M. Bk.55 Pg.24 (2-27-1980)
Parcel Map, P.M. Bk.144 Pg.23 (2-28-1996)
Parcel Map, P.M. Bk.169 Pa.5 (11-25-2002)

CITY OF ELK GROVE
Assessor's Map Bk. 132 Pg. 029
County of Sacramento, Calif.

JAN 31st, 2018

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,b) Scenic Vistas, Scenic Routes.	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,b) Agricultural Land Conversion, Conflict with Williamson Act Contract.	NI	None required, adequately addressed by prior EIRs	
c, d, e) Conversion or loss of Farmland, Forestland, and Timberland.	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.	LS	None required	
d) Odors	LS	None required	
3.4 BIOLOGICAL RESOURCES			
a) Effects on Special-Status Species.	PS	BIO-1: The EGUSD shall mitigate for the proportionate loss of Swainson's hawk foraging habitat by paying required mitigation fees and implementing Incidental Take Minimization Measures (ITMMs) as required by the Elk Grove Swainson's Hawk Mitigation Program (Municipal Code Chapter 16.130).	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
b) Riparian and Other Sensitive Habitats.	NI	None required	
c) Wetlands and Waters of the U.S.	NI	None required	
d) Fish and Wildlife Movement.	NI	None required	
e) Local Biological Requirements.	LS	None required	
f) Conflict with Habitat Conservation Plans.	NI	None required	

3.5 CULTURAL RESOURCES

a, b) Historical and Archaeological Resources.	PS	CULT-1: In the event that subsurface cultural resources are encountered during project construction, including any human remains and/or funerary objects, all construction activities within 50 feet of the encounter shall be halted until the designated Native American tribe is notified, and a qualified archaeologist has examined the materials and made a determination of their significance. If the resource is determined to be significant, the archaeologist shall, in consultation with the tribe, make recommendations as to further action needed to reduce potential effects on the resource to a less than significant level as defined in the CEQA Guidelines.	LS
c) Paleontological Resources and Unique Geological Features.	PS	CULT-2: In the event that subsurface paleontological resources are encountered during project construction, all construction activities within 50 feet of the encounter shall be halted until a qualified paleontologist can examine the materials and make a determination of their significance. If the resource is determined to be significant, the paleontologist shall make recommendations as to further action needed to reduce	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
		potential effects on the resource to a less than significant level.	
d) Human Burials.	PS	<p>CULT-3: If human remains are encountered during construction work, all construction activities within 50 feet of the encounter shall be halted until the Sacramento County Coroner is notified per California Health and Safety Code Section 7050.5, the designated Native American tribe has been notified, and a qualified archaeologist has examined the find. The provisions of California Health and Safety Code Section 7050.5, California Public Resources Code Section 5097.98, and Assembly Bill 2641 shall be implemented.</p> <p>If the County Coroner determines the remains are Native American and not the result of a crime scene, the County Coroner shall notify the Native American Heritage Commission (NAHC), which then shall designate a Native American Most Likely Descendant (MLD) for the project. The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate. If no agreement is reached, the landowner must rebury the remains where they will not be further disturbed and with dignity (California Public Resources Code Section 5097.98). Reburial will include either recording the site with the NAHC or the appropriate Information Center; using an open space or conservation zoning designation or easement; or recording a re-interment document with the County, per AB 2641. Work may not resume within the no-work radius until the lead agencies, through</p>	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
		consultation as appropriate, determine that the treatment measures have been completed to their satisfaction.	
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.	LS	None required	
a-ii, iii) Seismic Hazards.	LS	None required	
a-iv,c) Landslides.	LS	None required	
b) Soil Erosion.	LS	None required	
d,e) Expansive Soils, Adequacy of Soils for Wastewater Disposal.	NI	None required, adequately addressed by prior EIRs	
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 Transportation, Use, and Disposal.	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,c) Release of Hazardous Materials.	LS	None required	
d) Hazardous Materials Sites.	PS	HAZ-1: The EGUSD shall conduct a Preliminary Endangerment Assessment (PEA) under DTSC oversight to evaluate the site in accordance with DTSC protocols for school sites and implement the recommendations of the PEA prior to construction of the school.	LS
e,f)) Airport and Airstrip Operations.	NI	None required	
g) Emergency Response and Evacuation.	NI	None required	
h) Wildland Fire Hazards.	LS	None required	
3.10 HYDROLOGY AND WATER QUALITY			
a,c,d,e,f) Surface Water Quality, Drainage.	LS	None required	
b) Groundwater Supplies.	LS	None required	
g, h, i) Flooding Hazards.	NI	None required, adequately addressed by prior EIRs	
j) Seiche, Tsunami, and Mudflow Hazards.	NI	None required, adequately addressed by prior EIRs	
3.11 LAND USE AND PLANNING			
a) Division of Established Communities.	NI	None required, adequately addressed by prior EIRs	
b,c) Conflict with Applicable plans, Policies and Regulations.	NI	None required, adequately addressed by prior EIRs	
3.12 MINERAL RESOURCES			
a, b) Availability of Mineral Resources.	NI	None required, adequately addressed by prior EIRs	

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
3.13 NOISE			
a,d) Exceedance of Local Noise Standards and Temporary or Periodic Increase in Ambient Noise (Construction Noise).	PS	<p>NOISE-1: Project construction shall be limited to the hours of 7:00 a.m. to 7:00 p.m.</p> <p>NOISE-2: All equipment used on the construction site shall be fitted with mufflers in accordance with manufacturers' specifications and remain in operation and in good condition at all times during use.</p> <p>NOISE-3: The construction staging area and areas involving use of ongoing stationary equipment shall be located as far from the adjacent residential uses as is feasible.</p>	LS
b) Exposure to Groundborne Vibration.	LS	None required	
c) Permanent Increase in Ambient Noise.	LS	None required	
e,f) Exposure to Airport/ Airstrip Noise.	NI	None required	
3.14 POPULATION AND HOUSING			
a) Population Growth Inducement.	NI	None required, adequately addressed by prior EIRs	
b, c) Displacement of Housing or People.	NI	None required, adequately addressed by prior EIRs	
3.15 PUBLIC SERVICES			
a) Fire.	LS	None required	
b) Police.	PS	SERV-1: The ODS shall coordinate with the Elk Grove Police Department as required during State review of	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
		site improvement and building plans to establish adequate security and visibility of the construction site	
c) Schools.	NI	None required	
d, e) Parks and Other Public Facilities	NI	None required, adequately addressed by prior EIRs	
3.16 RECREATION			
a, b) Recreational Facilities.	LS	None required	
3.17 TRANSPORTATION/TRAFFIC			
a) Conflict with Transportation Plans, Ordinances and Policies.	LS	None required	
b) Conflict With Congestion Management Program.	NI	None required, adequately addressed by prior EIRs	
c) Air Traffic Patterns.	NI	None required, adequately addressed by prior EIRs	
d) Traffic Hazards.	PS	<p>TRANS-1: During school planning, design and administration, the EGUSD will give detailed consideration to site plan provisions for on- and off-site light vehicle, bus and pedestrian circulation in consultation with the City of Elk Grove. The design process will include specific consideration of:</p> <p>On-site pedestrian routes and facilities.</p> <p>Off-site pedestrian safety and street crossings, including various marking, signing and street surface treatments.</p>	LS

TABLE 1-1
SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Potential Impact	Significance Before Mitigation Measures	Mitigation Measures	Significance After Mitigation Measures
		Parking regulation and signage	
		Crossing control program,	
		Monitoring and adaptive management	
e) Emergency Access.	LS	None required	
f) Conflict with Non-vehicular Transportation Plans.	NI	None required, adequately addressed by prior EIRs	
3.18 TRIBAL CULTURAL RESOURCES			
a, b) Tribal Cultural Resources	PS	TCR-1: In the event that further AB 52 consultation results in identification of potentially significant Tribal Cultural Resources as defined in Public Resources Code Section 21074, the EGUSD shall, if the site is to be acquired and developed, define and implement mitigation that, based on substantial evidence, will reduce significant effects on such resources to a less than significant level, in accordance with the applicable requirements of AB 52 and CEQA Guidelines §15064. TCR-2: Implement Mitigation Measure CULT-1 and CULT-3. These mitigation measures include notification of the affected Native American tribal representatives and provide opportunities for tribal inspection and monitoring of activities related to the find.	LS
3.19 UTILITIES AND SERVICE SYSTEMS			
a, e) Wastewater Systems.	LS	None required	
b, d) Water Systems and Supply.	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
c) Stormwater Systems.	LS	None required	
f, g) Solid Waste Services.	LS	None required	
3.20 WILDFIRE			
a) Emergency Response Plans and Emergency Evacuation Plans.	LS	None required	
b) Exposure of Project Occupants to Wildfire Hazards.	LS	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, adequately addressed by prior EIRs	
3.21 MANDATORY FINDINGS OF SIGNIFICANCE			
a) Findings on Biological and Cultural Resources.	PS	As specified throughout the Initial Study	
b) Findings on Cumulatively Considerable Impacts.	PS	As specified throughout the Initial Study	
c) Findings on Adverse Effects on Human Beings.	LS	None required	

2.0 PROJECT DESCRIPTION

2.1 Project Brief

This Initial Study/Mitigated Negative Declaration (IS/MND) addresses the potential environmental impacts of developing and operating the Elk Grove Unified School District's (EGUSD) proposed Laguna Ridge East Elementary School (the project). The EGUSD is the CEQA Lead Agency for the project.

The project includes acquisition of the project site and construction and operation of a Pre-K to Grade 6 elementary school that would accommodate a student population of up to 966 students at one time; an additional 300 students could be added to the total student population with a multi-track year-round calendar, but no more than 966 students would be on campus at any one time.

The school would consist of three 11,500–13,500 square foot (sf) classroom buildings, a kindergarten building, a multipurpose and kitchen building, a library and special education building and an administration building. School site improvements would include play fields, hard courts, parking areas, pickup and drop-off areas, and other site improvements. Site access would be gained from adjacent Lousada Drive and Poppy Ridge Road. Space would be reserved for the addition of relocatable buildings if required in the future. The layout of proposed uses on the site is shown on Figure 2-1.

2.2 Project Location

The 10-acre project site is located on the northwest corner of Lousada Drive and Poppy Ridge Road in Elk Grove, California (Figures 1-1 through 1-5). The site is within the boundaries of the approved Laguna Ridge Specific Plan. The site itself is bounded on the south by Poppy Ridge Road, on the east by Lousada Drive, and on the west and north by vacant land planned for public park development.

The site comprises Sacramento County Assessor's Parcel Number (APN) 132-029-052 and is shown on the U.S. Geological Survey Florin, CA 7.5-minute quadrangle map, 2018. The site is located in Sections 11 and 12, Township 6 North, Range 5 East, Mt. Diablo Base and Meridian. The approximate latitude of the site is 38° 23' 07 North, and the approximate longitude is 121° 24' 48 West.

2.3 Project Objective

The objective of the proposed project is to develop additional elementary school facilities to accommodate increasing population of the City of Elk Grove and the EGUSD as a whole. The increase in student population is expected to be generated primarily by ongoing urban residential development, as distributed among the available school facilities by EGUSD administrators.

2.4 Project Details

The proposed school layout is shown on Figure 2-1. The school would be oriented toward the east, where site access would be provided from Lousada Drive primary to proposed student drop-off, pick-up and visitor parking areas. Proposed administration, multipurpose and kindergarten buildings would be immediately adjacent to this area. Proposed classroom and library buildings would form a second line west of these buildings. The northern and western portions of the site would provide hard court, playing field and staff parking areas.

The proposed school would accommodate a total of 966 Pre-K to Grade 6 elementary school students at any one time, distributed among the grade levels. An additional 300 students could be added to the total population with a multi-track year-round school calendar.

Demolition, Grading, Utility Services

The project site consists of approximately 10 acres of land formerly used for agriculture and containing one residence and outbuildings. Existing structures and related improvements will be demolished in the initial phase of the project. A hazardous materials survey of the existing buildings will be completed by the District to rule out Asbestos Containing Building Material (ACBM) or other environmental concerns. Removal of hazardous materials, if any, will be performed by a licensed abatement contractor according to State and local laws and regulations and with required permits. Solid waste generated in demolition would be hauled to a commercial recycling facility by a permitted hauler or salvaged.

Following demolition, the site will be cleared of vegetation, except trees to be retained, and mass graded to establish uniform site grades and subgrades for proposed building, site and frontage improvements and to establish surface drainage. Underground utility services will be installed from existing facilities in adjoining streets.

Elementary School Campus

As shown on Figure 2-1, the project would include a total of seven buildings totaling 65,672 square feet in area:

Administration	6,378 sf
Multipurpose & Kitchen	9,085 sf
Kindergarten	5,630 sf
Classroom	11,559 sf
Classroom	13,411 sf
Classroom	11,559 sf
Library and Special Education	8,050 sf

Paved pedestrian ways and landscaping would interconnect proposed buildings in the eastern portion of the site with focal points at the site entry, administration building and a quad area adjacent to the multipurpose and kitchen building.

Immediately south of the administrative building would be the 5,630 sf Kindergarten building, which would include its own play area adjacent to the Lousada Drive; this area would be isolated from the remainder of the school and the adjacent public street with chain link or decorative steel fencing.

The project would include six basketball courts, several four-square courts and other hardcourt play areas in the northwest corner of the site. An approximate 76,296 sf grass playing field and track would be located along the west boundary of the site. An area that could accommodate relocatable building for before and after school programs would be located south of the playing field; additional space for relocatable buildings would be located further to the east.

Circulation and Parking

Primary student access to the proposed school would be provided from Lousada Drive, a local street, to a proposed drop-off, pick-up and visitor parking area that would parallel the street. A 30-foot wide lane would provide curbside parking and maneuvering area for drop-off traffic. Approximately 19 visitor/public parking spaces would be located between the drop-off area and Lousada Drive.

Additional student access would be provided by a bus lane located adjacent to Poppy Ridge Road; Poppy Ridge Road is planned as a City Minor Arterial Street. An 84-space staff parking area would be located adjacent to Poppy Ridge Road in the southwest corner of the site.

Utilities

Project water, sewer and storm drainage facilities would connect to existing City facilities located in the adjacent streets. The on-site water system would include a 6-inch diameter main for fire protection supply. The project would also connect to the existing Sacramento Municipal Utility District (SMUD) electrical, Pacific Gas and Electric gas and other regulated utility systems, also available in the adjacent streets.

Other Project Features

The project would include a landscaped open space area in the southeast corner of the site, which would preserve two large native oak trees. Other areas not occupied by proposed buildings and hard surfaces would be landscaped. A monument sign would be placed at the southeast corner of the project site. The project site would be enclosed on the west, north and portions of the east sides with fencing; additional fencing would be connect the proposed buildings an so as to restrict public access and secure the site; all visitors would be required to access the site through the administration office.

2.4 Permits and Approvals

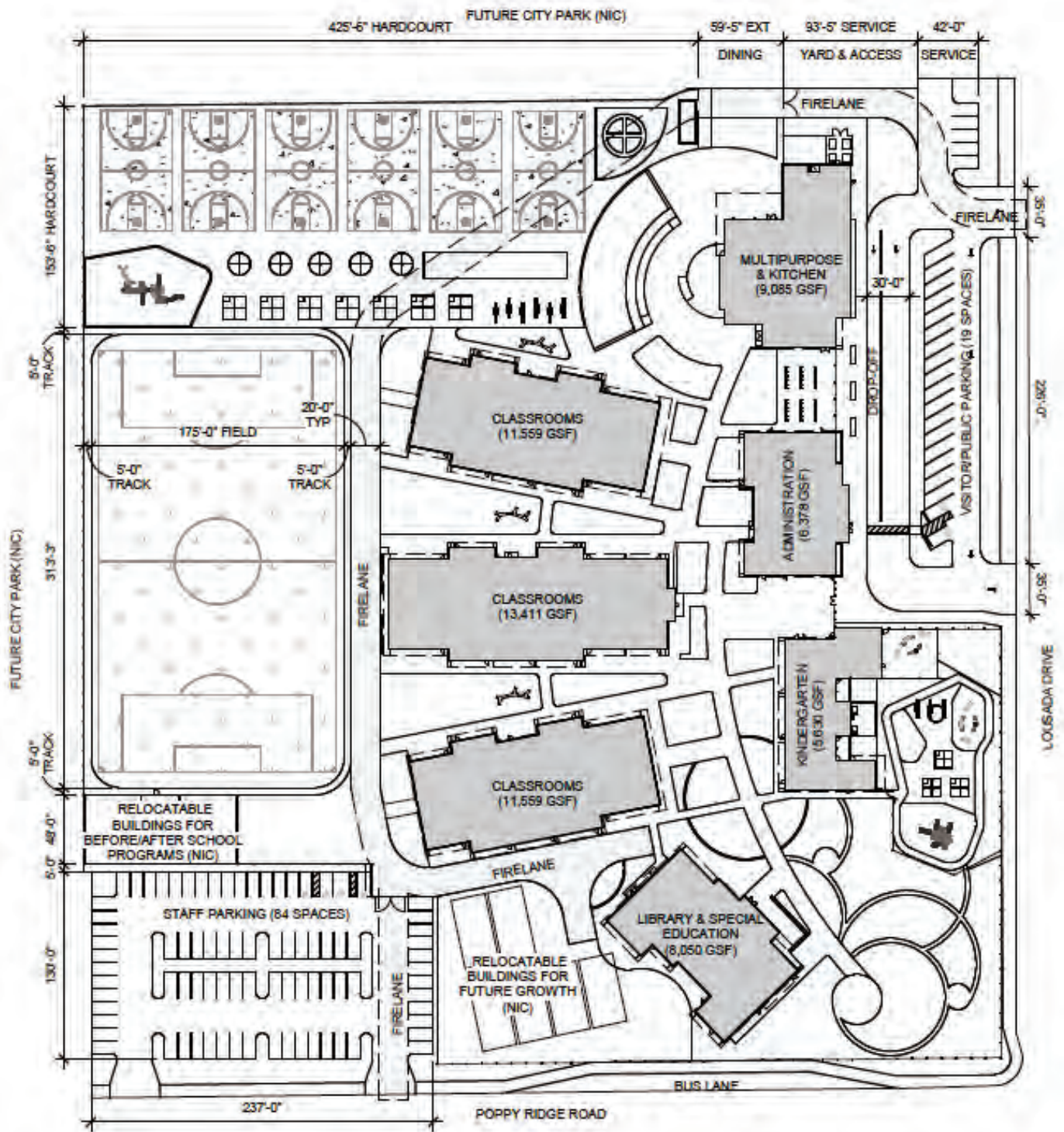
As the CEQA lead agency and project proponent, the EGUSD Board of Education would be required to adopt the IS/MND, along with a Mitigation Monitoring and Reporting Program to ensure implementation of the mitigation measures specified in the IS/MND,

prior to taking action on the project. The Board of Education would be responsible for approval of the proposed site plan, construction drawings and specifications, for authorizing demolition of existing building and for school construction.

Site acquisition will require the approval of the California Department of Education as to the conformity of the proposed site with location and program support criteria and compliance with CEQA. School plans and construction drawings would require approval from the State Architect, including proposed parking, safety and access. The Approval of Plans letter is the document that conveys official State approval of the plans and specifications for a project based on site plans, structural, mechanical, plumbing, electrical, fire alarm, and fire sprinkler drawings of the project together with supporting documents.

As part of the approval process for school site development, the California Department of Toxic Substances Control (DTSC) requires that a site assessment known as a Preliminary Endangerment Assessment (PEA) be conducted to determine the potential presence of hazardous materials. The PEA is being completed and will be advertised for public review, adopted by the Board of Education and submitted to the DTSC for approval.

The project proposes to improve adjacent street frontages to connect to surrounding streets and to connect to City sewer, water, and storm drainage facilities. The proposed street improvements and utility connections would be reviewed and approved by the City of Elk Grove, subject to existing ordinances and improvement standards.



SOURCE: LIONAKIS

3.0 ENVIRONMENTAL CHECKLIST FORM

The proposed project is located within the Elk Grove city limits in an area designated in the Elk Grove General Plan for urban development. The project site is designated for public school development, and surrounding lands to the north and west are designated for public park development.

The potential environmental impacts of urban development on and around the project site has been considered in two prior programmatic environmental impact reports (EIRs) prepared by the City of Elk Grove. The first of these is the Laguna Ridge Specific Plan EIR (LRSP EIR), which was certified in 2004. Under the LRSP, the project site is designated for public park development, while a 10-acre site to the west, now developed with residential uses, was designated for public school development. The second EIR is the City of Elk Grove General Plan Update EIR (GPU EIR), which was certified in 2019. As noted above, the project site is designated for public school development in this most-recent update of the General Plan. Both EIRs are incorporated into the Initial Study by reference in Chapter 1.0. The land use plans that were the subject of environmental analysis in these EIRs are shown on Figure 3-1.

Section 15183 of the CEQA Guidelines provides that projects that are consistent with the general plan land uses and densities do not require additional environmental review, except as needed to address project-specific significant effects that are peculiar to the project or its site. This chapter of the Initial Study evaluates whether the prior EIRs adequately considered the potential environmental effects of the proposed site development in each of the subject areas listed in the CEQA Environmental Checklist and the degree to which project- and site-specific concerns were addressed. Where the prior EIRs adequately address the potential effects of the project, no further analysis would be required. The Initial Study also considers the potential project- and site-specific effects of the project, whether these effects are significant and what if any mitigation measures are needed to reduce environmental effects to a less-than-significant level.

In general, the Initial Study finds that many of the potential environmental effects of the project were adequately addressed in the programmatic EIRs. The programmatic EIRs were not successful in addressing all of the potential effects of the proposed project without additional analysis and mitigation measures. The Initial Study results are addressed in more detail in the following subsections of this chapter.

3.1 AESTHETICS

Would the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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) Substantially degrade the existing visual character or quality of the site and its surroundings?			✓	
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			✓	

NARRATIVE DISCUSSION

Environmental Setting

The LRSP EIR (2003) describes viewsheds in the general project vicinity (from View Location 8) as predominantly vacant land and agricultural fields with scattered agriculture structures and trees. The GPU EIR (2018) does not contain detailed viewshed information for the project area. None of the areas of special Visual Identity identified in the GPU EIR are located in the project area.

The majority of the project site is consistent with the viewshed description in the LRSP EIR; the site is currently a vacant parcel populated with non-native grasses and weeds. The southeastern quarter of the site contains an older single-family residence, outbuildings and site improvements. The site contains two native oak trees of heritage size.

Lands immediately east of the site have been recently developed for urban residential use. Lousada Drive, immediately east of the site and separating the project site from these residential uses, is a partially constructed paved street that contains sewer, water and storm drainage utilities serving the adjacent residential uses.

Lands bordering the site to the north, west and south remain in undeveloped open space. The area north and west of the site is designated and planned for a community park. Lands to the south of the site and Poppy Ridge Road is also currently vacant land; this area is a Special Planning Area (SPA) intended for urban development and zoned SPASEPA by the City; posted signage indicates that residential development of this area is under review by the City of Elk Grove.

Views from the project to the north and east are limited to the nearby vacant lands; background views are defined by single family homes or rooftops of single- and two-story homes. Views to the south currently consist of vacant fields and tree growth.

From Elk Grove, views of the Sierra Nevada range to the east constitute the major scenic vistas, when visibility conditions permit. In the project vicinity, these vistas are mostly obstructed by existing development and trees. No Sacramento County roadways or State scenic highways have been designated in the vicinity (Caltrans 2020).

Lighting at the project site is limited to street lighting along Lousada Drive and at the occupied residences that line the street. Residential streets in the general vicinity of the project site are also lighted consistent with City development standards.

Environmental Impacts and Mitigation Measures

The LRSP EIR indicated that implementation of the Plan would change the visual character of the area from rural to suburban, increase night lighting and reduce views of open areas, resulting in a significant impact. This impact was characterized as significant and unavoidable and was accepted with the adoption of the LRSP. The GP Update EIR found no impact on scenic vistas or scenic highways and identified potentially significant visual character and night lighting impacts that would result from planned development of the City and that would remain significant and unavoidable as described in the LRSP EIR. Consistent with CEQA Guidelines §15183, these potential impacts need not be reconsidered unless the project would involve local impacts. Potential project-specific aesthetic effects are addressed in the following sections.

a,b) Scenic Vistas.

The project proposes to construct an elementary school, which may further obstruct views of the Sierra Nevada Mountains from places outside the project site. However, these views in the area are already obstructed due to existing surrounding development and trees. Project impacts on scenic vistas are considered less than significant, and the issue of scenic vistas is adequately addressed by the prior EIRs.

c) Visual Character and Quality.

The proposed project would contribute to the overall visual character and quality impacts identified in the prior EIRs by replacing an existing residence and open space lands with the proposed new elementary school classrooms, administrative facilities, hard court areas, playfields, sidewalks, vehicle parking and bus circulation facilities and landscaping. The proposed school would be architect-designed to be consistent with existing future surrounding residential development, park development and City of Elk Grove design standards. Project visual character would be consistent with existing and planned surrounding land uses and impacts would be less than significant. Potential impacts on visual character were adequately addressed by the prior EIRs.

d) Light and Glare.

The project will increase in overall night lighting at and near the project site, which would include additional street lighting along the Lousada Drive and Poppy Ridge Road frontages of the site as well as safety and security lighting of school buildings and outdoor parking areas. Proposed new lighting would be consistent with lighting required in new urban development as analyzed in the prior EIRs. Potential light and glare impacts would be less than significant at the project level, and these potential impacts were adequately addressed by the prior EIRs..

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, forestland (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 forestland or conversion of forestland 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 forestland to non-forest use?				✓

NARRATIVE DISCUSSION

Environmental Setting

The LRSP EIR (2003) describes the range of agricultural land and quality in the project vicinity, which includes Prime Farmlands and Farmlands of Statewide Importance; agricultural lands at the project site, which are Farmlands of Local importance, are mischaracterized as Farmland of Statewide Importance. Similar farmland information is repeated in the GPU EIR (2018), showing the correct agricultural land quality (Farmland of Local Importance) of the project area.

The project site is located within the Elk Grove city limits in a developing residential area between Whitelock Parkway and Poppy Ridge Road. Recently-developed residential neighborhoods are located to the west and east of the site, which is surrounded to the north and west by a planned community park site. There are no lands in the site vicinity that are used for active agricultural production. There are no Williamson Act contracts applicable to the project site.

The Important Farmland Maps, prepared by the California Department of Conservation as part of the Farmland Mapping and Monitoring Program, designate the viability of lands for farmland use, based on the physical and chemical properties of the soils. The maps categorize farmland, in decreasing order of soil quality, as "Prime Farmland," "Farmland of Statewide Importance," and "Unique Farmland." Collectively, these categories are referred to as "Farmland" in the Environmental Checklist in CEQA Guidelines Appendix G. According to the 2016 Important Farmland Map of Sacramento County, the project site and surrounding area are designated as Farmland of Local Importance, which are not considered "Farmland" for the purposes of CEQA. The site is surrounded by existing and planned new development and is designated in the Elk Grove General Plan and zoned for urban development.

There are no designated forest lands in the project area or in Sacramento County. Because of this, forestry resources will not be discussed in detail in this IS/ND.

Environmental Impacts and Mitigation Measures

The LRSP EIR indicated that the Plan would result in conversion of 1,851 acres of Prime Farmlands, Farmlands of Statewide Importance and Farmlands of Local Importance, a significant and unavoidable impact. Potential conflicts between agriculture and urban uses were found to be less than significant with mitigation that, with annexation and development of the project area, is no longer applicable. These findings were repeated in the GP Update EIR, but only for Prime Farmlands, Farmlands of Statewide Importance and Farmlands of Unique Importance.

For the purposes of CEQA, no impact was identified for conversion of Farmlands of Local Importance. Consistent with CEQA Guidelines §15183, potential impacts on Farmlands of Local Importance need not be reconsidered. Potential project-specific agriculture effects are addressed in the following sections.

a, b) Agricultural Land Conversion, Conflict with Williamson Act contract.

The project site is located within the City limits in a developing residential area. The site and surrounding lands are not in agricultural use. For the purposes of CEQA, no Farmland would be converted as a result of the proposed project or of any subsequent activities that may occur on the site. Therefore, the project would have no impacts on farmland conversion. There are no Williamson Act contracts applicable to the site. This area of concern was adequately addressed in the prior EIRs.

c, d, e) Conversion or loss of Farmland, Forestland, and Timberland.

There is no Farmland, forestland or timberland in the project vicinity. The project would have no impacts on the conversion or loss of Farmlands, forestlands, or timberlands.

3.3 AIR QUALITY

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

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?

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

NARRATIVE DISCUSSION

Environmental Setting

The LRSP EIR describes air quality conditions in Sacramento County, within which the project site is located. The County meets all ambient air quality standards except for federal and State ozone standards and State PM₁₀ standards. The LRSP EIR also identifies residential areas and schools as land uses sensitive to air pollution. The GPU EIR (2018) contains more detailed information about conditions in Elk Grove. It states that the City meets all ambient air quality standards except for federal and State ozone standards, State PM₁₀ standards, and federal PM_{2.5} standards. As with the LRSP EIR, the GPU EIR identifies residential areas and schools as land uses sensitive to air pollution.

The project is within the Sacramento Valley Air Basin, an area that encompasses all or part of eleven counties, including all of Sacramento County. The Sacramento Metropolitan Air Quality Management District (SMAQMD) has jurisdiction over most air quality matters in Sacramento County. The SMAQMD is tasked with implementing programs and regulations required by the federal and California Clean Air Acts. Under their respective Clean Air Acts, both the federal government and the State of California have established ambient air quality standards for six criteria air pollutants: ozone, particulate matter, carbon monoxide, nitrogen dioxide, sulfur dioxide, and lead. Under its

Clean Air Act, California has established air quality standards for four additional pollutants: hydrogen sulfide, sulfates, vinyl chloride, and visibility-reducing particles.

Table 3-1 shows the status of the Sacramento Valley Air Basin in attaining these ambient air quality standards. As shown in Table 3-1, the Sacramento Valley Air Basin is considered a non-attainment area for ozone under both State and federal standards. SMAQMD is designated by the U.S. Environmental Protection Agency (EPA) as part of the Sacramento Federal Ozone Nonattainment Area, which consists of Sacramento and Yolo Counties, the eastern portion of Solano County, the southern portion of Sutter County, and the western portions of El Dorado and Placer Counties up to the Sierra crest (SMAQMD website).

TABLE 3-1
SACRAMENTO VALLEY AIR BASIN ATTAINMENT STATUS

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

Source: SMAQMD 2020.

The Air Basin is a non-attainment area for the State standard for particulate matter less than 10 micrometers in diameter (PM₁₀) and for the federal standard for particulate matter less than 2.5 micrometers in diameter (PM_{2.5}). The Air Basin is in attainment of, or unclassified for, all other federal and State pollutant standards. As the City is in the Air Basin, attainment status in the City is the same as for the Air Basin.

In addition to the criteria pollutants, the California Air Resources Board (ARB) has identified other air pollutants as toxic air contaminants (TACs) - pollutants that cause cancer or may cause other adverse short-term or long-term health effects. Diesel particulate matter, considered a carcinogen with prolonged exposure, is the most common

TAC, as it is a product of combustion in diesel engines. Other TACs are less common and are typically associated with industrial activities.

As previously noted, the SMAQMD has jurisdiction over most air quality matters in Sacramento County. It implements the federal and California Clean Air Acts, and the applicable attainment and maintenance plans, through local rules and regulations. Applicable attainment plans include the Sacramento Regional 2008 Ozone Attainment Plan for attainment of the 2008 federal 8-hour ozone standard. An SMAQMD rule that would be applicable to the project would be Rule 403 - Fugitive Dust. Rule 403 requires that every reasonable precaution be taken not to cause or allow the emissions of fugitive dust from being airborne beyond the property line from which the emission originates; from any construction, handling or storage activity; or from any wrecking, excavation, grading, clearing of land, or solid waste disposal operation.

Environmental Impacts and Mitigation Measures

The LRSP EIR identified potentially significant air quality impacts that would result from implementation of the Plan that would remain significant and unavoidable. These included violation of ozone and particulate matter standards by construction and area emissions and cumulative impacts. The GPU EIR identified potentially significant air quality impacts that would result from planned development of the City that would remain significant and unavoidable. These included violation of ozone and particulate matter standards by construction emissions and long-term operational emissions, and exposure to TACs and odors. Provided that the project does not involve air emissions that are substantially above those predicted in the prior EIRs, potential impacts need not be reconsidered. Potential project-specific air quality effects are addressed below.

The SMAQMD has prepared a Guide to Air Quality Assessment in Sacramento County, originally adopted in 2009 and subsequently amended, most recently in July 2019. Among other matters, the Guide defines significance thresholds to be used in CEQA analysis of air quality impacts. Table 3-2 below shows the CEQA significance thresholds for construction pollutant emissions within the SMAQMD. No construction significance threshold has been established for ROG; most ROG emissions are from the application of architectural coatings, which are regulated by SMAQMD Rule 442 (SMAQMD 2019).

The project's construction and operational emissions were calculated using the California Emissions Estimator Model (CalEEMod) computer program, a modeling program recommended by SMAQMD. The CalEEMod results are shown in Appendix A of this report and summarized in Table 3-2. Construction emissions are the maximum estimated for a calendar year during the construction period, while operational emissions are estimates of ongoing emissions from the proposed development.

TABLE 3-2
SMAQMD SIGNIFICANCE THRESHOLDS AND ESTIMATED AIR POLLUTANT EMISSIONS

	ROG	NO _x	PM ₁₀	PM _{2.5}
<i>SMAQMD Construction Significance Thresholds</i>	<i>None</i>	<i>85</i>	<i>80</i>	<i>82</i>
Maximum Annual Construction Emissions	0.20	1.63	0.12	0.08
<i>SMAQMD Operational Significance Thresholds</i>	<i>65</i>	<i>65</i>	<i>80</i>	<i>82</i>
Operational Emissions	0.68	1.09	0.84	0.23

Notes: All figures are in pounds per day. All emissions are unmitigated.

ROG – reactive organic gases; NO_x – nitrogen oxide; PM₁₀ – particulate matter 10 microns or less in diameter; PM_{2.5} – particulate matter 2.5 microns or less in diameter.

Sources: CalEEMod Version 2016.3.2, SMAQMD 2019.

a) Air Quality Plan Consistency.

As shown in Table 3-2, the estimated air pollutant emissions generated by project construction and operations would be below the applicable significance thresholds adopted by the SMAQMD. Moreover, these estimates do not take into consideration project features, statutes and regulations, and SMAQMD rules that would further reduce the amount of pollutant emissions generated, such as water conservation and solid waste statutes, fugitive dust reduction rules, and addition of sidewalks.

Project construction may generate localized dust emissions at levels above existing ambient conditions. These emissions would be reduced through the implementation of Basic Construction Emission Control Practices set forth by SMAQMD. These practices include the following fugitive dust controls (SMAQMD 2019):

- Control of fugitive dust is required by District Rule 403 and enforced by District staff.
- Water all exposed surfaces two times daily. Exposed surfaces include, but are not limited to soil piles, graded areas, unpaved parking areas, staging areas, and access roads.
- Cover or maintain at least two feet of free board space on haul trucks transporting soil, sand, or other loose material on the site. Any haul trucks that would be traveling along freeways or major roadways should be covered.
- Use wet power vacuum street sweepers to remove any visible trackout mud or dirt onto adjacent public roads at least once a day. Use of dry power sweeping is prohibited.
- Limit vehicle speeds on unpaved roads to 15 miles per hour (mph).
- All roadways, driveways, sidewalks, parking lots to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as

possible after grading unless seeding or soil binders are used.

In addition, the following practices describe existing diesel exhaust emission controls working at a construction site. California regulations limit idling from both on-road and off-road diesel-powered equipment. The ARB enforces idling limitations and compliance with diesel fleet regulations.

- Minimize idling time either by shutting equipment off when not in use or reducing the time of idling to five minutes [California Code of Regulations, Title 13, sections 2449(d)(3) and 2485]. Provide clear signage that posts this requirement for workers at the entrances to the site.
- Provide current certificate(s) of compliance for CARB's In-Use Off-Road Diesel-Fueled Fleets Regulation [California Code of Regulations, Title 13, sections 2449 and 2449.1]. For more information contact CARB at 877-593-6677, doors@arb.ca.gov, or www.arb.ca.gov/doors/compliance_cert1.html.

The SMAQMD states that project construction in compliance with these Basic Construction Emission Control Practices has dust emissions that do not exceed screening levels, thereby having impacts that are less than significant (SMAQMD 2019). Since, as indicated in Table 3-2, particulate matter and other emissions from project construction would not exceed significance thresholds, project impacts related to air quality plans would be less than significant. The project would contribute to emissions predicted in the prior EIRs; however, these project-specific results are consistent with the findings of the prior EIRs, and therefore this issue has been adequately addressed.

b) Cumulative Emissions.

As shown in Table 3-2, the project would generate operational emissions of ozone and particulate matter, pollutants for which the Air Basin is in nonattainment status. However, as also indicated by Table 3-2, the emissions generated by the project would be below SMAQMD significance thresholds. As discussed in the SMAQMD Guide, the District's approach to thresholds of significance is relevant to whether a project's individual emissions would result in a cumulatively considerable adverse contribution to the Air Basin's existing air quality conditions. If a project's emissions would be less than these levels, the project would not be expected to result in a cumulatively considerable contribution to the significant cumulative impact (SMAQMD 2019). Therefore, since the operational emissions of the project would not exceed these significance thresholds, the cumulative impact of the project on air pollutant emissions in the Sacramento Valley Air Basin would be less than significant. The project would contribute to but not surpass the cumulative emissions identified in the prior EIRs. Therefore, this issue has been adequately addressed. in the prior EIRs

c) Exposure of Sensitive Receptors.

As defined by SMAQMD, “sensitive receptors” are facilities that house or attract children, the elderly, and people with illnesses or others who are especially sensitive to the effects of air pollutants. Hospitals, schools, convalescent facilities, and residential areas are examples of sensitive receptors (SMAQMD 2019).

The nearest sensitive receptor to the project site is a residential subdivision currently under construction adjacent to and east of the project site. It is expected that project construction emissions, including criteria pollutants and diesel particulate matter (a TAC), would impact residences in the subdivision. However, compliance with SMAQMD rules and regulation would reduce the amount of construction emissions that would reach these sensitive receptors to a less than significant level.

Project operational emissions that could reach sensitive receptors in the area would be mainly emissions from vehicle traffic. As shown in Table 3-2, all operational emissions would be below SMAQMD significance thresholds. Any TAC emissions would be limited to exhaust from diesel-engine vehicles. As indicated in the CalEEMod results in Appendix C, under PM₁₀ exhaust, such emissions would amount to approximately 0.1 pounds per anticipated school day, which is minimal and would readily dissipate.

In December 2018, the California Supreme Court issued a decision in the *Sierra Club v. County of Fresno* (2018) 6 Cal. 5th 502 case regarding the Friant Ranch project. The Court determined that air quality analysis include a reasonable effort to connect a project’s air quality impacts to likely health consequences or explain in meaningful detail why it is not feasible to do so. The SMAQMD does not currently have a methodology that would correlate the expected air quality emissions of projects to the likely health consequences of the increased emissions, although such methodology is expected to be adopted in the near future. CalEEMod may be useful in comparing emissions to significance thresholds, but it is not able to assess transport of pollutants or the impacts of external factors (weather, terrain, etc.) on pollutant concentrations at particular locations. Because Air District attainment plans and supporting air model tools are regional in nature, they do not allow for analysis of the health impacts of specific projects on any given geographic location. The SMAQMD adopted operational emission thresholds with the goal of obtaining emission reductions, which in turn would protect public health in the region. Since the project would not exceed these significance thresholds, it is not expected to have a significant adverse health impact.

In summary, the project is not expected to have a significant effect on the health of nearby sensitive receptors. Project impacts on sensitive receptors are considered less than significant, which is consistent with the results of the prior EIRs.

d) Odors.

Emissions from construction equipment are a potential source of odors. Odors generated by construction activities would cease when construction is complete. Elementary schools are not considered a significant source of odors, especially when compared to

land uses such as industrial facilities and wastewater treatment plants. Project impacts related to odors would be less than significant.

3.4 BIOLOGICAL RESOURCES

Would the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Adversely impact, either directly or through habitat modifications, any endangered, rare, or threatened species, as listed in Title 14 of the California Code of Regulations (Sections 670.2 or 670.5) or in Title 50, Code of Federal Regulations (Sections 17.11 or 17.12)?		✓		
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 US Fish and Wildlife Service?				✓
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				✓
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 LRSP EIR provided general biological resource information and impact analysis for the LRSP area, including the project site. Habitat types within the specific plan area were not mapped in the EIR; however, review of aerial photographs indicates that the project site fits within the predominant “Agricultural” vegetation community and the description of potential environmental resources and impacts associated with Agricultural lands.

The GPU EIR included (Figure 5.4-1) mapping of biological habitat types. The immediate project vicinity and the majority of the project site is designated as Cropland; the habitat type in the southeast corner of the site is defined as Rural Development. The GPU EIR description of these habitats is consistent with the description of “Agriculture” in the LRSP EIR and is the primary source of information provided below. Site conditions described in the EIRs were field-reviewed by BaseCamp staff during 2019 and 2020 and found to be consistent with the previous EIR descriptions.

Biological Habitats

The project site is primarily vacant land; despite being surrounded by approximately 30 acres of planned park land that is also vacant, the site is located in an area dominated by recent residential development. Lands immediately to the east of the site, and to the west of the proposed park site, are existing residential areas, and existing vacant land to the south is under review by the City of Elk Grove for future development.

The GPU EIR maps the project site and surrounding vacant lands, excepting the southeast ¼ which is in Rural Residential use, as “Cropland.” In the Planning Area, cropland encompasses both irrigated hayfields and row and field crops. The project is not in active agricultural use, and as a result the GPU EIR’s description of ruderal vegetation, including mustard (*Brassica* sp.), filaree (*Erodium* sp.) and English plantain (*Plantago lanceolata*) describes the vegetation on the vacant portions of the project site.

According to the GPU EIR, due to the frequency of disturbance, cropland generally does not provide suitable breeding for wildlife but are known to provide foraging habitat for a variety of species, including white-tailed kite (*Elanus leucurus*), northern harrier (*Circus cyaneus*), mourning dove, Brewer’s blackbird (*Euphagus cyanocephalus*) and the State-listed threatened Swainson’s hawk (*Buteo swainsoni*). Wildlife common to ruderal habitats are likely to occur on the project site; such wildlife species, which are often closely associated with urban development, include the house sparrow, European starling, rock dove, western scrub-jay, black-tailed jackrabbit, raccoon, opossum, striped skunk, and house mouse.

There are no wetlands, riparian areas or other surface waters or water-related features on or adjacent to the project site. Beside Swainson’s hawk foraging habitat, there are no other sensitive habitats as defined in the GPU EIR located on or adjacent to the project site.

An Arborist Report for the project site by West Coast Arborists (September 2020, Appendix F) provided an inventory and health evaluation of trees within the project site. The site contains a total of 101 trees, 43 of which have a trunk diameter less than 6 inches and 30 trees that are recommended for immediate removal. There are a total 29 Valley oaks located on the site, 19 of which are of heritage size. Valley oaks and other oak trees on private land are subject to Tree Preservation and Protection requirements of the Elk Grove Municipal Code Chapter 19.12.

Special-Status Species

Special-status species are plants and animals that are legally protected under the federal Endangered Species Act (ESA), the California Endangered Species Act (CESA), or other regulations. Special-status species also include species that are considered rare enough by the scientific community and trustee agencies to warrant special consideration. Special-status plants include species that are designated rare, threatened, or endangered and candidate species for listing by the U.S. Fish and Wildlife Service (USFWS). They also include plant species considered rare or endangered as defined in 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 (CNPS), 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 CNPS Inventory. The GPU EIR (Figure 5.4-2) does not identify any special-status plant occurrences in the project vicinity.

Typical special-status wildlife species of concern in the Elk Grove area include the Swainson's hawk ("Threatened" under CESA), burrowing owl, and tri-colored blackbird (both State Species of Special Concern). Other species of concern include Vernal pool invertebrates (special concern species), giant garter snake ("Threatened" under ESA and CESA), California tiger salamander ("Threatened" under ESA and CESA), Pacific pond turtle (State Species of Special Concern), and Valley elderberry longhorn beetle ("Threatened" under ESA). In addition, migratory bird species protected under the Migratory Bird Treaty Act may be found seasonally in the Elk Grove area such as the Aleutian Canada Goose, Greater Sandhill Crane and Mountain Plover.

Three protected bird species (Swainson's hawk, tricolored blackbird and greater sandhill crane) have potential to forage or occur on the project site. Tricolored blackbird nesting and sandhill crane usage is associated with wetlands, none of which occur on or near the project site. The site includes potentially suitable raptor nesting trees but no known nests for any of the species. Burrowing owl was not encountered during LRSP surveys of the project area; no evidence of ground squirrel or burrowing owl use was noted during the 2020 inspection (BaseCamp 2020). The GPU EIR (Figure 5.4-3) does not identify any special-status animal occurrences in the project vicinity.

Biological Resource Plans and Ordinances

There are no existing habitat conservation plans applicable to the project site. The South Sacramento County Habitat Conservation Plan (SSCHCP), which would address the conservation and development of lands in and around Elk Grove, is in the process of being prepared. The purpose of the plan would be to encourage and simplify the process of conserving sensitive habitats for special-status species. If approved, it will allow for incidental take of covered species with the requirement of mitigation for lost habitat at approved ratios.

The City of Elk Grove currently has an adopted Swainson's Hawk Impact Mitigation Program for displaced foraging habitat. The current mitigation fee is \$11,452 per acre, which the City utilizes to mitigate the project's impacts by acquiring other habitat land in fee title and/or conservation easements over suitable Swainson's hawk foraging habitat.

Environmental Impacts and Mitigation Measures

The LRSP EIR indicated that the Plan would result in conversion of approximately 1,900 acres of various habitat types urban that would be converted to urban development as a result of LRSP implementation. Potential impacts on vegetation and wildlife habitat were described in detail, including potential effects on Swainson's hawk, tricolored blackbird and greater sandhill crane. The GPU EIR contains an updated and detailed assessment of potential biological resource impacts in the City as a whole, including treatment of the City's Swainson's hawk mitigation fee program. This impact assessment as it relates to the project site is described below.

a) Effects on Special-Status Species.

Special-status species that may occur in Rural Development and Cropland habitats include Swainson's hawk, tricolored blackbird and greater sandhill crane. As noted above, the project site does not include suitable habitat for tricolored blackbird and greater sandhill crane. Therefore, the project would not involve significant effects on these species.

The project site contains potential foraging habitat for Swainson's hawk, a State threatened species. The project would convert this potential habitat to urban development, thereby reducing available foraging habitat. The amount of converted foraging habitat is small as the project involves an infill project; nevertheless, this is considered a potentially significant impact.

The project site is within the coverage area of the Elk Grove Swainson's Hawk Mitigation Fee Program. The GPU EIR assumes that the fee program will be imposed as a part of the City's development review process; the project would not necessarily be subject to this requirement. As described above, the Swainson's hawk requires payment of a fee program that will be used to offset foraging habitat losses and specifies Incidental Take Minimization Measures (ITMMs). These requirements are assumed to reduce the impacts of development on Swainson's hawk to a less than significant level. Mitigation measures described below would require project participation in the Swainson's hawk program, which would reduce impacts on this species to a level that would be less than significant.

Mitigation Measures:

BIO-1: The EGUSD shall mitigate for the proportionate loss of Swainson's hawk foraging habitat by paying required mitigation fees and implementing Incidental Take Minimization Measures (ITMMs) as

required by the Elk Grove Swainson's Hawk Mitigation Program (Municipal Code Chapter 16.130).

Significance After Mitigation: Less than significant

b) Riparian and Other Sensitive Habitats.

As described in the Environmental Setting, the project site consists entirely of upland areas. The project site contains no wetlands, riparian areas or other sensitive habitats. The project would have no impact on riparian and other sensitive habitats.

c) Wetlands and Waters of the U.S.

As noted, the project contains no wetlands or other Waters of the United States. No wetlands or Waters are located adjacent to the project site. The project would have no impact in this issue area.

d) Fish and Wildlife Movement.

There are no streams either on or adjacent to the project site, so no fish or wildlife movement utilizing such streams would be affected by the project. The project site is not within any of the wildlife movement corridors identified in the GPU EIR. The project would have no impact on fish and wildlife movement.

e) Local Biological Requirements.

A comprehensive inventory of trees on the project site has been prepared and will be considered by the District as it proceeds with project planning and design. As currently understood, the project would involve the removal of most existing trees on the site. The proposed site plan provides for the retention of some of the largest Valley oaks located in the southeastern portion of the project site, and other oak trees may be preserved as detailed project design proceeds. Development of the proposed school on District-owned land will not be subject to City of Elk Grove tree preservation requirements. As the project will include feasible tree preservation, consistent with the District's design goals, this impact would be considered less than significant.

As noted above, the project will involve potential effects on Swainson's hawk foraging. Mitigation measures proposed above require participation in the Elk Grove Swainsons Hawk Impact and Mitigation Fee Program. With the specified mitigations, the project would have a less than significant impact on local biological requirements.

f) Conflict with Habitat Conservation Plans.

There are currently no adopted habitat conservation plans applicable to the proposed project site. The project would have no impact in this area of concern.

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 (i.e., an artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it contains information needed to answer important scientific research questions, has a special and particular quality such as being the oldest or best available example of its type, or is directly associated with a scientifically recognized important prehistoric or historic event or person)?		✓		
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		✓		
d) Disturb any human remains, including those interred outside of formal cemeteries?		✓		

NARRATIVE DISCUSSION

Environmental Setting

The LRSP and GPU EIRs both provided archaeological and historical background information for their respective project areas. The LRSP EIR reported that indications of archaeological deposits were not found in the project area. A survey of potential historical resources identified two addresses at the project site as being of potential historical significance. The GPU EIR provided a more updated description of potential cultural resources within the Planning Area, information on potential cultural resource impacts and mitigation measures that would be applicable in the event of a project impact.

In conjunction with the preparation of this Initial Study, BaseCamp obtained a cultural resources record search (Appendix B) for the project site from the California Historical Resources Information System (CHRIS); the Central California Information Center at California State University Stanislaus is a unit of this system. The search reported the proposed project area contains no recorded prehistoric period resources and two recorded historic-period cultural resources. No previous cultural resources study reports that cover a portion of the proposed project area are on file at the CHRIS office. Given the limited extent of known cultural resources and the environmental setting, there is low potential for locating prehistoric-period cultural resources in the immediate vicinity of the proposed project. The CHRIS search noted that there is high potential for locating

historic-period cultural resources in the immediate vicinity of the project. An historical evaluation of the remaining residence on the project site was evaluated for its historical value under CEQA, as discussed below.

Prehistoric Background

The Plains Miwok, one of five separate cultural and linguistic groups of the Eastern Miwok, occupied the lower reaches of the Mokelumne, Cosumnes and Sacramento Rivers including the area of south Sacramento County surrounding the project site as well as Sacramento-San Joaquin River Delta for a considerable time.

The Plains Miwok society was organized into smaller tribelets consisting of 300 to 500 persons scattered about in smaller villages and hamlets. The diet of the Plains Miwok emphasized the collection of floral resources such as acorns, buckeye, digger pine nuts, seeds from the native grasses and various fresh greens. Faunal resources such as tule elk, pronghorn antelope, deer, jackrabbits, cottontails, beaver, gray squirrels, wood rats, quail and waterfowl were hunted. Fishing, particularly salmon and sturgeon, contributed significantly to the Plains Miwok diet. Additional detail on Plains Miwok lifeways is provided in the LRSP and GPU EIRs.

Historic-Era Background

The project site is located within the corporate boundaries of the City of Elk Grove. While the City recently incorporated, the town of Elk Grove has existed since 1850. In 1850, a hotel was built at the eventual site for the town. However, the town did not begin to expand until the railroad was constructed. Early growth of the town was as a commercial center for farmers in the area but more recently as a suburban residential concentration in the greater Sacramento area.

The growth of agriculture and livestock ranching in the Elk Grove area is related to a population expansion in the Sacramento Valley from approximately 1900 to 1920. The population grew from 156,000 in 1900 to 246,000 in 1920. Population growth continues to typify Sacramento County and the Elk Grove area, and expansion of suburban housing and associated businesses into formerly rural areas of Sacramento County highlights the late twentieth century. The City of Elk Grove, incorporated in 2000, highlights the development of areas surrounding Sacramento and is currently witnessing rapid expansion of residential units, business and associated land uses. Additional detail on Elk Grove history in general is provided in the LRSP and GPU EIRs, and in the architectural historian's report discussed below.

The LRSP included an assessment of the historical potential of structures located within the LRSP area. The assessment identified 10 structures considered to be of potential historical significance, including two addresses at the project site: 8533 and 8551 Poppy Ridge Road. Both structures were identified as pre-1909 residences typical of the Prairie School and Craftsman styles. One of these structures has been demolished and one remains on the site. Both were considered to be stylistically consistent to retain sufficient integrity to be considered important.

The remaining on-site residence (8551 Poppy Ridge Road) was evaluated for its historical significance by a qualified architectural historian; a copy of the historian's report is shown in Appendix B. The evaluation, which considers the residence in light of four criteria for listing on the California Register of Historical Resources (CRHR), is documented in the historian's report (Appendix B). The evaluation finds that the residence does not qualify for listing on the CRHR and is therefore not considered historic.

Paleontological Resources

A search of the University of California Museum of Paleontology (UCMP) collections database identified paleontological resources in southern Sacramento County and the City of Elk Grove. These paleontological resources primarily consist of vertebrates that are associated with the geological formation known as the Riverbank Formation. The entire City of Elk Grove is located within the Pleistocene nonmarine sedimentary rocks of the Riverbank Formation and Quaternary alluvium geologic units. These geologic units are considered to have paleontological resource sensitivity. These geologic units are mostly located around the Sacramento and Cosumnes rivers. There are no previously recorded paleontological resources within project boundaries, but the City of Elk Grove is considered sensitive for paleontological resources.

Environmental Impacts and Mitigation Measures

The LRSP EIR indicated that urban development pursuant to the Plan could uncover and disturb previously unidentified cultural resources as well as damage or demolish historically significant structures. These were identified as potentially significant impacts that could be reduced to less than significant with proposed mitigation measures. The GPU EIR concurred with the LRSP and identified these same potentially significant issues related to planned development areas within the City. Potential project-specific cultural effects and mitigation measures in the following sections are drawn primarily from the GPU EIR.

a, b) Historical and Archaeological Resources.

The available archaeological information provides no evidence of prehistorical archaeological resources on the site. The Central California Information Center had no documentation of prehistoric or historic-era resources within, adjacent to, or within one-eighth mile of the project site. The NAHC stated that no record of the project site was found in its Sacred Lands File.

Compliance with current cultural resource standards of practice as well as cultural resource protection requirements set forth in the GPU EIR indicate that a detailed cultural resource survey of the site be completed as a part of the project design process. Mitigation incorporating this requirement is set forth as Mitigation Measures CULT-1 below.

Whether or not the survey identifies surface cultural resources or not, it would remain a possibility that subsurface archaeological resources could be uncovered by project construction work. Mitigation provisions for the inadvertent discovery of previously unknown cultural resources are described as Mitigation Measures CULT-2 below. CULT-2 includes procedures to be implemented should subsurface cultural resources be uncovered during project construction.

The LRSP EIR identified the presence of a 1920s-era residence on the project site with potential to be considered “historic,” or eligible for listing on the CRHR. Development of the proposed school would require removal of this residence. Based on analysis by a qualified architectural historian (Appendix B), the residence does not qualify for listing on the CRHR and is therefore not considered historic. Therefore, the project would have a less than significant effect on historic resources, and no mitigation is required.

Implementation of Mitigation Measures CULT-1 and CULT-2 would reduce potential impacts associated with inadvertent discovery of subsurface cultural resources to a level that would be less than significant.

Mitigation Measures:

CULT-1: In the event that subsurface cultural resources are encountered during project construction, including any human remains and/or funerary objects, all construction activities within 50 feet of the encounter shall be halted until the designated Native American tribe is notified, and a qualified archaeologist has examined the materials and made a determination of their significance. If the resource is determined to be significant, the archaeologist shall, in consultation with the tribe, make recommendations as to further action needed to reduce potential effects on the resource to a less than significant level as defined in the CEQA Guidelines.

Significance After Mitigation: Less than significant

c) Paleontological Resources and Unique Geological Features.

The project site is flat and contains no geological features that may be considered unique. As described above, the project site is within the geologic units that are considered to have paleontological resource sensitivity. Mitigation Measure CULT-2 sets forth procedures to be implemented to protect paleontological resources should any be uncovered during project construction. Implementation of this mitigation measure would reduce potential impacts on paleontological resources to a level that would be less than significant.

Mitigation Measures:

CULT-2: In the event that subsurface paleontological resources are encountered during project construction, all construction activities within 50 feet of the

encounter shall be halted until a qualified paleontologist can examine the materials and make a determination of their significance. If the resource is determined to be significant, the paleontologist shall make recommendations as to further action needed to reduce potential effects on the resource to a less than significant level.

Significance After Mitigation: Less than significant

d) Human Burials.

Although it is unlikely that human burials would be found on the project site, disturbance of any burials, particularly Native American burials, would be a potentially significant impact. 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. If the County Coroner determines 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 is required to 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.

The provisions of CEQA Guidelines Section 15064.5(e), along with other applicable codes, are contained in the mitigation measure below. Implementation of this mitigation measure would ensure that impacts on any human remains encountered during project construction would be less than significant.

Mitigation Measures:

CULT-3: If human remains are encountered during construction work, all construction activities within 50 feet of the encounter shall be halted until the Sacramento County Coroner is notified per California Health and Safety Code Section 7050.5, the designated Native American tribe has been notified, and a qualified archaeologist has examined the find. The provisions of California Health and Safety Code Section 7050.5, California Public Resources Code Section 5097.98, and Assembly Bill 2641 shall be implemented.

If the County Coroner determines the remains are Native American and not the result of a crime scene, the County Coroner shall notify the Native American Heritage Commission (NAHC), which then shall designate a Native American Most Likely Descendant (MLD) for the project. The designated MLD will have 48 hours from the time access to the property is granted to make

recommendations concerning treatment of the remains. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate. If no agreement is reached, the landowner must rebury the remains where they will not be further disturbed and with dignity (California Public Resources Code Section 5097.98). Reburial will include either recording the site with the NAHC or the appropriate Information Center; using an open space or conservation zoning designation or easement; or recording a re-interment document with the County, per AB 2641. Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the treatment measures have been completed to their satisfaction.

Significance After Mitigation: 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

The LRSP EIR (2003) discussed electrical service, provided by the Sacramento Municipal Utility District (SMUD). It also noted that the LRSP has design standards and requirements that address energy efficiency and conservation. The GPU EIR (2018) provides a more detailed discussion of energy use in the City, including energy types and sources, and energy use by commercial and residential land uses and by transportation. It also describes the regulatory background for energy, including the City's Community and Resource Protection Element of the General Plan, which includes goals and measures related to energy use.

Electricity and natural gas are major energy sources for residences and businesses in California. In Sacramento County, based upon the most recent information available, electricity consumption in 2018 totaled approximately 10,897 million kilowatt-hours, of which approximately 6,184 million kilowatt-hours were for non-residential uses and the remainder for residential uses (CEC 2020a). In 2018, natural gas consumption in Sacramento County totaled approximately 305 million therms, of which approximately

111 million therms were for non-residential uses and the remainder for residential uses (CEC 2020b). Motor vehicle use also accounts for substantial energy usage. The Sacramento Area Council of Governments (SACOG) estimated that motor vehicles in its planning area, a six-county region including Sacramento County, consumed approximately 985 million gallons of gasoline and 187 million gallons of diesel fuel in 2016 (SACOG 2019).

Environmental Impacts and Mitigation Measures

The LRSP EIR did not identify any environmental impacts associated with energy. The GPU EIR identified an impact of increased energy consumption, but this impact was determined to be less than significant with compliance with policies in the General Plan and the Climate Action Plan update. Consistent with CEQA Guidelines §15183, this potential impact need not be reconsidered. Potential project-specific air quality effects are addressed below.

a) Project Energy Consumption.

Project construction would involve fuel consumption and use of other non-renewable resources. Construction equipment 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 short-term and consistent with construction activities of a similar character. This energy use would not be considered wasteful, inefficient, or unnecessary.

The proposed school would require ongoing energy use. Based on 2015 information from the Energy Information Administration, an elementary school uses approximately 9.5 kWh of electricity per square foot and approximately 24.5 cubic feet of natural gas per square foot (EIA 2015a, 2015b). Based on these factors and an estimated floor area of 75,000 square feet, the estimated amount of annual energy consumption by the project would be approximately 712,500 kilowatt-hours of electricity and 1,837,500 cubic feet of natural gas.

The project is expected to follow the provisions of California Code of Regulations, Title 24. These include Parts 6 and 11, which incorporates building energy efficiency standards. Compliance with the energy efficiency provisions of Title 24 would reduce the operational energy consumption of the project; therefore, project operations would not be conducted in a manner that would involve wasteful, inefficient, or unnecessary use of energy. Project impacts related to energy consumption would be less than significant.

b) Consistency with Energy Plans.

The project proposes the construction of a school building. Building standards related to energy efficiency, as described in a) above, would apply and are incorporated into the build and use of the project. Therefore, the project would be consistent with energy efficiency plans of the City and the State. The Project impacts related to energy plans would be less than significant.

3.7 GEOLOGY AND SOILS

Would the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? 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, 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?				✓

NARRATIVE DISCUSSION

Environmental Setting

The LRSP EIR described the general geology of the project area as being located within the Great Valley geomorphic province of California. The Great Valley is typified by thick sequences of sedimentary deposits of Jurassic through Holocene age. The California Division of Mines and Geology (CDMG) and the United States Geological Survey (USGS) have mapped a large portion of the site as being underlain by the lower member of the Quaternary-aged Riverbank formation, which is composed of alluvial gravel, sand and silt derived from the western slopes of the Sierra Nevada Range. The GPU EIR (2018)

does not describe detailed geology of the project site but provides an overview of the regional setting for the City of Elk Grove.

A Geologic Hazards Assessment (Condor, 2019) was prepared for the project in parallel with the preparation of this Initial Study. The assessment indicated that the surface geologic deposit on the site is Quaternary Riverbank Formation (Qr), an alluvial deposit consisting of weathered gravel, sand and silt. The site is in a relatively moderate seismic region of California, and no known faults traverse the site.

The project area, along with the rest of Sacramento County, is in a seismically moderate region. The 2010 Fault Activity Map of California indicates the nearest active faults are associated with the Coast Range Mountains to the southwest and the Sierra Nevada Mountains to the southeast. Faults showing evidence of movement in the past 11,700 to 700,000 years include the Vaca Fault 30 miles southwest. Faults showing evidence of movement in the past 700,000 to 1,600,000 years are the Midland Fault 20 miles to the southwest and the Foothills Fault Zone 25 to 35 miles to the southeast.

Potential seismic hazards include ground rupture (also called surface faulting), ground shaking, liquefaction, and lateral spreading. Soil compaction and settlement can result from seismic groundshaking. If the sediments that compact during an earthquake are saturated, water from voids is forced to the ground surface, where it emerges in the form of mud spouts or sand boils – a process called liquefaction. Based on known information, areas of the County with groundwater less than 50 feet from ground surface in unconsolidated sediment are susceptible to liquefaction, including lands near river courses. As discussed below, the approximate depth to groundwater within the project area is 55 to 130 feet below existing grade from 1950 to 2005. The project site exposure to hazards associated with volcanic eruption, slope stability, asbestos-bearing rock, radon or mercury is low.

According to the U.S. Department of Agriculture's Soil Survey of Sacramento County (USDA SCS 1992, USDA NRCS 2017), the soil type underlying the project site is San Joaquin silt loam. This component is found in valleys and levelled low terraces. The parent material consists of alluvium derived from granite and slopes range from zero to one percent. Depth to a root restrictive layer, duripan, is 28 to 54 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate.

Environmental Impacts and Mitigation Measures

The LRSP EIR addressed exposure to surface faulting, seismic activity, liquefaction, soil erosion and soil expansivity. Based on required conformance with the Uniform Building Code, the EIR indicated that project effects related to geologic hazards would be less than significant. The EIR indicated that LRSP development would have no impacts associated with seiche, tsunami, and mudflow. Both EIRs address soil erosion concerns and prescribe mitigation measures requiring the preparation and implementation of erosion

control plans. Site-specific geological effects and, if required, mitigation measures are addressed in the following sections. The analysis of geological concerns in the GPU EIR was consistent with the analysis provided in the LRSP and is adequate to address the potential effects of the project. The project-specific geologic and soils issues that support this consistency assessment are provided in the following analysis.

a-i) Fault Rupture Hazards.

There are no active or potentially active faults within or near the project site. The project site is not within an Alquist-Priolo Earthquake Fault Zone. The project would have a less than significant effect related to fault rupture.

a-ii, iii) Seismic Hazards.

The project site, along with the rest of Elk Grove, is subject to seismic shaking from fault features located east and west of the County. Compliance with the adopted California Building Standards Code, as the minimum standards adopted by the State Architect, would minimize seismic hazards to a level that would be less than significant. The project would have a less than significant impact on seismic hazards.

a-iv,c) Landslides, Instability.

The project site and its surroundings are flat and not prone to landslide hazards. The Condor Earth Geologic Hazards Assessment for the project (2019) indicates that there is no potential risk from a landslide or loss of lateral support at the site and that the potential risk from liquefaction is considered low. Potential liquefaction risk can be mitigated with proper design and construction in accordance with current building code standards.

b) Soil Erosion.

Project development would involve potential for soil erosion and contamination of surface waters as a result of construction and post-construction runoff. The project would be required to comply with State and local storm water quality controls. State controls are established as a part of the municipal separate storm sewer (MS4) permit system. The City of Elk Grove has adopted and implements its MS4 program in accordance with Central Valley Regional Water Quality Control Board Order No. R5-2016-0040-2. The Elk Grove program incorporates the State Construction General Permit, which requires preparation of a Storm Water Pollution Prevention Plan (SWPPP) to address potential water quality issues associated with construction as well as the incorporation of post-construction Best Management Practices that provide long-term water quality protection. Normal implementation of the City's Storm Water Plan requires preparation of the SWPPP in compliance with the Construction General Permit. Implementation of these existing air and water erosion control measures would reduce potential construction erosion effects to a less than significant level.

d, e) Expansive Soils, Adequacy of Soils for Wastewater Disposal

Soils on the site are considered to have a moderate shrink-swell capacity. The project Geologic Hazards Assessment indicates that shrink-swell concerns can be addressed as a part of project engineering and design. Therefore, potential impacts related to shrink/swell potential would be less than significant, and mitigation is not required.

The proposed project does not involve the use septic systems, and therefore no impacts would occur in this area of concern.

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

The LRSP EIR (2003) did not analyze greenhouse gas (GHG) emission impacts. The GPU EIR (2018) conducted an analysis of GHG emissions in Elk Grove, with a discussion of State regulatory background, an inventory of GHG emissions in Elk Grove, and a description of the City's Climate Action Plan (CAP) and General Plan policies on GHGs. As of 2005, the total GHG emissions by the City were 808,410 metric tons carbon dioxide equivalent (CO₂e), with projected 2013 GHG emissions of 919,407 metric tons CO₂e.

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. GHGs include carbon dioxide (CO₂), the most abundant GHG, as well as methane, nitrous oxide and other gases. GHG emissions in California in 2017, the most recent year for which data are available, were estimated at approximately 424 million metric tons carbon dioxide equivalent (CO₂e) – a decrease of approximately 14% from the peak level in 2004. Transportation was the largest contributor to GHG emissions in California, accounting for 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 14.7% of total emissions (ARB 2019). 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 impacts of global climate change in California include reduced Sierra Nevada snowpack, increased wildfire hazards, greater number of hot days with associated decreases in air quality, and potential decreases in agricultural production (Climate Action Team 2010).

The State of California has implemented GHG emission reduction strategies through Assembly Bill (AB) 32, the Global Warming Solutions Act of 2006, which requires total statewide GHG emissions to reach 1990 levels by 2020, or an approximately 29% reduction from 2004 levels. In compliance with AB 32, the State adopted the Climate Change Scoping Plan in 2008 and updated the plan in 2014. Primary strategies addressed in the original Scoping Plan included new industrial and emission control technologies; alternative energy generation technologies; advanced energy conservation in lighting, heating, cooling and ventilation; fuels with reduced carbon content; hybrid and electric vehicles; and methods for improving vehicle mileage (ARB 2008). The 2014 update highlights California's progress toward meeting the 2020 GHG emission reduction goal of the original Scoping Plan, and it establishes a broad framework for continued emission reductions beyond 2020, on the path to 80% below 1990 levels by 2050 (ARB 2014). The 2017 state GHG emissions were approximately seven million metric tons CO₂e below the 2020 target established by AB 32 (ARB 2019).

In 2016, Senate Bill (SB) 32 became law. SB 32 extends the GHG reduction objectives of AB 32 by mandating statewide reductions in GHG emissions to levels that are 40% below 1990 levels by the year 2030. The State has recently released for public review a draft Scoping Plan that sets forth strategies for achieving the SB 32 target. The draft Scoping Plan proposes to continue 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 recently adopted City of Elk Grove General Plan has a Community and Resource Protection Element. It contains policies that were incorporated from the Sustainability Element in the previous General Plan. Among these policies are those addressing GHG emissions. Policy NR-5-1 sets an objective of reducing per capita GHG emissions to 4.1 metric tons CO₂e by 2030. By 2050, the City shall reduce per capita GHG emissions to 1.4 metric tons CO₂e to meet the State's 2050 greenhouse gas emissions reduction goals (City of Elk Grove 2019).

In 2013, the City adopted a CAP, which was subsequently updated in 2019. The purpose of the CAP is to identify how the City will achieve State-recommended targets of reducing GHG emissions to 1990 levels by 2020 and 40 percent below 1990 levels by 2030 pursuant to AB 32 and SB 32. The CAP also demonstrates initial progress towards meeting the State's long-term 2050 goal of reducing emissions to 80 percent below 1990 levels as stated in Executive Order S-03-05. The CAP provides goals and associated measures, also referred to as GHG reduction strategies, in the sectors of energy use, transportation, land use, and solid waste. These reduction strategies are intended to

reduce the City's annual per capita GHG levels to 7.6 metric tons CO₂e by 2020 and to 4.1 metric tons CO₂e by 2030 (City of Elk Grove 2019).

Environmental Impacts and Mitigation Measures

The GPU EIR identified a potentially significant GHG impact that would result from planned development of the City that would remain significant and unavoidable. This impact is that the proposed General Plan and CAP Update would likely not result in sufficient GHG reductions for the City to meet the longer-term goal for 2050 as stated in Executive Order S-3-05. However, the GPU EIR also stated that the General Plan and the associated CAP update would result in GHG emissions reductions sufficient to meet GHG reduction targets and goals, which are consistent and aligned with the goals identified 2017 Scoping Plan to meet the statewide GHG emission reduction targets for 2020 and 2030, as established by AB 32 and SB 32. Consistent with CEQA Guidelines §15183, this potential impact need not be reconsidered. Nonetheless, potential project-specific air quality effects are addressed below.

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

The CalEEMod model estimated the total GHG emissions associated with project construction and operations (Appendix A). Based on results of the CalEEMod model, unmitigated emissions from project construction would generate a maximum approximately 221 metric tons CO₂e for a calendar year during the construction period. The SMAQMD has established a significance threshold of 1,100 metric tons per year (SMAQMD 2019). As indicated above, the total maximum construction GHG emissions in a calendar would be below this threshold.

Operational GHG emissions generated by the project would be approximately 901 metric tons CO₂e, which also would be below the SMAQMD significance threshold. The project would not cause a significant increase in GHG emissions and would not affect the achievement of GHG reduction targets set forth in the Elk Grove General Plan and the CAP. Project impacts related to GHG emissions and 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 for people residing or working in the project area?			✓
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?			✓
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?		✓	
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?		✓	

NARRATIVE DISCUSSION

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

LRSP EIR, (2003) describes potential hazards in the general project vicinity and provides a summary review of regulatory controls pertaining to hazardous substances, including federal, state and local laws and ordinances. The LRSP EIR included a summary of information for the site concluding the site was rural residential with comments that included that the parcel contained two houses, garage, large red barn, small barn and an AST northwest of the existing houses. The GPU EIR also provides assessment of potential hazards on a more general level.

A Phase 1 Environmental Site Assessment was prepared for the project by Condor Earth on February 21, 2020. 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.

Environmental Setting

Phase 1 ESA

The ESA indicates that the site and adjacent properties were historically used as agricultural/residential land from the early 20th century. The southern portion of the property has an original homestead with a residence, including a basement, constructed in 1920. Until recently, a second residence and a large barn were located west of the remaining residence. Besides the residential structures, the site contains a detached garage, pump house and well, a heating oil above ground storage tank 10 feet west of the residence. An old pole-mounted transformer near the house did not exhibit evidence of leakage or staining beneath it. There were no indications of releases in large quantities of petroleum products. No evidence of underground fuel storage tanks was found during site reconnaissance or review of environmental databases. Based on review of publicly available information, none of the properties listed in the environmental database search in the general vicinity appear to pose a risk to the Site. More detailed information is available in the ESA report, Appendix D.

Off-site locations identified in the ASTM specified databases included three records of state- and tribal-equivalent CERCLIS, two records of Sacramento County ML, one record of Statewide Environmental Evaluation and Planning Systems UST (SWEEPS UST), one record of CA FID underground storage tank (UST), and 1 record of historic UST (HIST UST). The listings in the general and immediate vicinity of the site are primarily to a Baronis Lawnmower Shop and Krull Dairy. The majority of the database listings are related to these businesses. Other listings are for nearby school site evaluations that have been approved by DTSC.

Krull Dairy is listed at 8540 Poppy Ridge Road which across Poppy Ridge Road to the southeast. This location is listed on the SWEEPS, historical UST, Sacramento Co. ML, and FID UST State databases. The site had a 300-gallon UST containing regular unleaded fuel. This location does not appear to pose a risk to the site due to distance and assumed southwesterly groundwater gradient direction away from the site.

The former Baronis Lawnmower Shop is listed at 8520 Poppy Ridge Road located across Poppy Ridge Road. This location is listed on the Sacramento Co. ML State databases. The site does not have any reported USTs, and this location does not appear to pose a risk to the Site.

Additional locations listed are greater than 1,000 feet from the Site, are not upgradient with respect to groundwater gradient direction, and do not appear to pose a risk to the project site.

ESA Recognized Environmental Conditions

The ESA concluded that the current and historical application of agricultural chemicals to the site constitutes a *recognized environmental condition* pursuant to the ASTM E 1527-

13. Agricultural chemicals, including organochlorine pesticides have been extensively used in the Central Valley and are likely residual in the soil.

The ESA also concluded that the likely application of termiticides and lead-based paint around the structures constitutes a *recognized environmental condition* pursuant to the ASTM E 1527-13. Additionally, the former barn is a likely location where agricultural chemicals were stored. Hazardous materials on site are potentially significant.

Preliminary Endangerment Assessment (PEA)

A Preliminary Endangerment Assessment has been prepared for the proposed project, as shown in Appendix D. The PEA follows up the identification of Recognized Environmental Conditions in the Phase I ESA with soil sampling, laboratory analysis and comparison of testing results to applicable screening levels in areas of concern. The PEA analyzes potential contamination in both the agricultural field and former farm complex portions of the site and determines whether such contamination represents a health concern for the proposed school use of the site.

Soil sampling in the agricultural field area found organochlorine pesticides (OCPs) to be well below the USEPA Regional Screening Levels. In this area, arsenic concentrations were found to be representative of the range of background arsenic concentrations. Lead levels were found to be well below the applicable Residential Screening Level for lead. Soil sampling and analysis in the farm complex area found OCPs, arsenic and lead concentrations exceeding sensitive land use standards around the existing structures and within the area of former structures. All of these are considered Contaminants of Potential Concern. None of the soil samples analyzed for PCBs had detectable concentrations at or above laboratory reporting limits.

The PEA concludes that potential future exposure to the identified contaminants constitutes a human health risk and hazard and needs to be corrected prior to the development of the site as a school. On approval of the PEA by DTSC, the District will implement a response action in the form of a Removal Action Work Plan to remove shallow contaminated soils.

High Voltage Power Lines, Gas Lines/Wells, and Railroad Tracks within Site Vicinity

There are no railroad tracks or major roadways within 1,500 feet of the Site. The nearest railroad tracks are approximately 8,100 feet northeast of the Site. The nearest major roadway is California State Route 99, located approximately 2,500 feet northeast of the Site. According to the National Pipeline Hazard Mapping System, no underground gas or petroleum pipelines are located within 0.5 mile of the Site: the nearest high-pressure natural gas line is more than one mile north of the Site. Electrical distribution lines are located on the south side of Poppy Ridge Road. There are no high voltage electrical transmission lines within 0.5 mile of the Site.

State Fire Marshal Pipeline Safety Program within One Mile of the Site

The Office of State Fire Marshal, Pipeline Safety Program (OSFM) was contacted regarding pipelines in the vicinity of the Site. A PG&E representative stated that there were no underground utilities within 1,500 feet of the Site. The active PG&E natural gas transmission pipeline is more than one mile north of the Site, and the active Kinder Morgan petroleum products pipeline approximately two miles east of the Site along Grant Line Road and along the Southern Pacific Railroad line.

Existing and Proposed Airports within Two Nautical Miles of the Site

There are no active airports within the City of Elk Grove or proposed airports within two nautical miles of the project site. Franklin Field Airport (the nearest airport) is located approximately five nautical miles southwest of the Site.

Wildland Fires

Wildland fire concerns are addressed in Section 3.20 of this chapter.

Environmental Impacts and Mitigation Measures

The LRSP EIR indicated that development within the Laguna Ridge Specific Plan area may expose residents or construction workers to past herbicide or pesticide applications. This was considered a potentially significant impact requiring mitigation, which the LRSP EIR required for subsequent projects. Mitigation would require a detailed assessment of soil contamination and remediation of affected areas prior to development, which would reduce this impact to a less than significant level.

The LRSP EIR also indicated that demolition of existing residences built before 1970 could have asbestos and lead based paint in them and that workers could be exposed to airborne lead during renovation, maintenance or removal work. This impact was also characterized as potentially significant, requiring mitigation, which would involve asbestos and lead material sampling and removal by licensed abatement contractors.

In addition to these concerns, the GPU EIR addressed hazardous emissions from new development projects near schools to ensure that schools would not be exposed to potential health impacts from hazardous materials, wastes, and substances. notify the affected school district(s) of the project, in writing, not less than 30 days prior to approval or certification of the negative declaration or EIR. The GPU EIR also California Education Code requirements for investigation of potential school sites prior to purchase. The EGUSD has is in the process of completing these requirements, including preparation of a Phase I Environmental Site Assessment discussed above and a DTSC PEA, which has been prepared for DTSC review and approval.

a) Hazardous Materials Transportation, Use, and Disposal.

Hazardous materials issues on the project site would be related to use of demolition and construction equipment that involve use of petroleum fuels, lubricants, and solvents. The project SWPPP will include requirements to be observed by EGUSD contractors to train workers and maintain appropriate equipment and supplies on the site to clean up spills. With these controls, these potential effects would be less than significant.

Demolition may require the transport and disposal of hazardous materials. These materials would be handled by DTSC-registered and permitted hazardous waste transporter and disposed of at a permitted treatment, storage, or disposal facility in accordance with all applicable California DTSC, Cal/OSHA, and Environmental Protection Agency (EPA) regulations.

Universal wastes come primarily from consumer products containing mercury, lead, cadmium and other substances that are considered hazardous to human health and the environment. Universal wastes would be inspected and removed by the hazardous materials contractor prior to demolition. These items cannot be disposed of in landfills. All universal waste found on site would be recycled according to California Department of Toxic Substances Control regulatory standards for universal waste. The Elk Grove Facility that recycle these types of waste include the City of Elk Grove Special Waste Collection Center.

The transportation, use, and disposal of hazardous materials subject to existing regulations would not involve a significant hazard to the environment or the public and would therefore be less than significant.

b, c) Release of Hazardous Materials

Demolition of existing structures located on site could result in fugitive dust emissions that may contain hazardous materials. All building materials suspected of containing hazardous materials would be inspected, tested, and abated prior to demolition as discussed above. In addition, the fugitive dust controls listed in Section 3.3 Air Quality would be implemented to reduce potential dust emissions and impacts on public and worker safety.

Operation of the proposed project would not result in the the release of hazardous materials to the environment, the generation of hazardous wastes or release of air toxics. The project would not result in a significant hazard to the environment or public from release of hazardous materials. Impacts would be less than significant.

d) Hazardous Materials Sites.

As discussed above, the Phase I ESA identifies the current and historical application of agricultural chemicals, and the application of termiticides and lead-based paint around the structures on the site, constitute *recognized environmental conditions* pursuant to the ASTM E 1527-13. These and any other related issues are being addressed in the

Preliminary Endangerment Assessment for the project. If these substances are found to be present in hazardous quantities, they will need to be abated in accordance with applicable State requirements prior to school construction.

Mitigation Measures:

HAZ-1: The EGUSD shall conduct a Preliminary Endangerment Assessment (PEA) under DTSC oversight to evaluate the site in accordance with DTSC protocols for school sites and implement the recommendations of the PEA prior to construction of the school

Significance After Mitigation: Less than significant

e, f) Airport and Airstrip Operations.

There are no public use airports or private airstrips within two miles of the project area. The project would have no impact on this issue.

g) Emergency Response and Evacuation.

Emergency access to the project site is available from Poppy Ridge Road and Lousada Drive. Emergency access to the site and surroundings would be maintained at all times. The proposed project would not physically interference with an adopted emergency response plan or emergency evacuation plan. The project would involve no substantial effect on emergency response or evacuation routes.

h) Wildland Fire Hazards.

Wildfire issues and concerns are addressed in Section 3.20, Wildfires.

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?			✓	
b) Substantially deplete groundwater supplies or 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 (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?			✓	
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a			✓	

stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

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

e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems?

f) Otherwise substantially degrade water quality?

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

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

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

j) Inundation by seiche, tsunami, or mudflow?

		✓	
		✓	
		✓	
			✓
			✓
			✓
			✓

NARRATIVE DISCUSSION

Environmental Setting

The LRSP EIR (2003) identifies the surface and groundwater resources of the project area, regional drainage considerations, floodplains and applicable water and water quality regulatory requirements, including storm water quality requirements. No sensitive surface water resources or 100-year floodplains are located in the vicinity of the project. Despite in-depth discussion of groundwater resources, which are shared with the City as a whole, the LRSP EIR found that the project area is outside of the recharge area, and depths to groundwater in the area are approximately 65 feet. Consistent but updated water resource information is repeated in the GPU EIR (2018); the update includes 200-year flood information dictated by SB-5; however, no 200-year flooding was identified in the project vicinity.

Surface Waters

Elk Grove is part of the 27,000-square mile Sacramento River watershed. More specifically, surface water resources in Elk Grove are a part of the Morrison Creek Stream Group and include Elder, Elk Grove, Laguna (and tributaries), Morrison, Strawberry, and Whitehouse creeks. All surface water resources in the City drain into the Morrison Creek Stream Group, which ultimately drains into the Sacramento River (City of Elk Grove 2003b, p. 8-1).

The project site is within in an essentially flat, urbanized area. There are no surface waters on or in the vicinity of the project site. Storm water runoff from developed areas near the project site is collected by the municipal storm drainage system managed by the City of Elk Grove, (see also Section 3.18, Utilities and Service Systems).

Surface water quality in the valley and Delta regions is managed by the Central Valley Regional Water Quality Control Board (RWQCB) by means of The Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, revised in June 2015 (RWQCB 2015). As discussed in in detail in the prior EIRs, development in Elk Grove is subject to federal and state storm water quality requirements under the National Pollutant Discharge Elimination System (NPDES) and the Municipal Storm Water Permit (MS4) for the City of Elk Grove.

Groundwater

The Central Valley contains the largest basin-fill aquifer system in the state. The valley is in a structural trough about 400 miles long and from 20 to 70 miles wide and extends over more than 20,000 square miles. The trough is filled to great depths by marine and continental sediments, which are the result of millions of years of inundation by the ocean and erosion of the rocks that form the surrounding mountains. Sand and gravel beds in this great thickness of basin-fill material form an important aquifer system. From north to south, the aquifer system is divided into the Sacramento Valley, the Sacramento-San Joaquin Delta, and the San Joaquin Valley sub regions. The aquifer underlying the Planning Area is part of the Sacramento Valley sub-region.

The Sacramento Valley aquifer system is formed primarily of sand and gravel with significant amounts of silt and clay, all of which have been eroded mainly from older rocks at the boundaries of the valley. The environments in which the continental sediments were deposited varied, but most were deposited in fluvial environments; however, the deposits contain some lacustrine beds. Beds and lenses of fine-grained materials, such as silt and clay, constitute a significant percentage of the aquifer system. In most parts of the valley, fine-grained materials compose 50 percent or more of the aquifer system. The most extensive clay bed, which is informally named the "E-clay", consists primarily of the Corcoran Clay. Because beds of silt and clay do not readily transmit water under natural conditions, they act as barriers to vertical flow and cause differences in hydraulic head with depth.

The LRSP and GPU EIRs describe the groundwater system and challenges to system stability over time as agricultural and urban development in the City of Elk Grove proceeded in past decades. With increasing City reliance on surface water resources, the level of concern related to groundwater resources has been reduced.

Flooding Hazards

According to a Flood Insurance Rate Map prepared by the Federal Emergency Management Agency (FEMA), the project site lies within an area classified as Zone X (FEMA 2009). Zone X denotes areas outside the 100-year floodplain, which is the

standard flood used in flooding evaluations, but within the 500-year floodplain. The GPU EIR indicates that the project site is not subject to potential inundation from failure of dams including Folsom and Slypark Dams.

SB 5 and associated legislation requires protection for a 200-year flood for urban and urbanized areas in the Central Valley. Under SB 5, development in moderate or special hazard areas within the Central Valley is permitted if the local agency can provide substantial evidence that the development would be subject to less than 3 feet of flooding during a 200-year flood event. The project site is not subject to 200-year flooding.

Environmental Impacts and Mitigation Measures

The LRSP EIR addressed the potential surface water hydrology and water quality effects of planned urban development, which would require incorporation of construction and post-construction water quality control measures specified in the LRSP mitigation measures; these measures are incorporated into the following project-specific analysis and recommendations. The GPU EIR included similar findings and recommendations. Provided that the project implements the mitigation requirements of the prior EIRs, the hydrological effects of the project need not be reconsidered, consistent with CEQA Guidelines §15183. Neither EIR identified groundwater, floodplain or dam inundation effects to be significant. Potential hydrology and water quality impacts were adequately addressed in the prior EIRs. Potential project-specific hydrology and water quality effects are addressed in the following sections.

a,c,d,e,f) Surface Water Quality, Drainage.

The project site is not located in or adjacent to any streams or bodies of water; storm drainage from the developed school site would be conveyed to the City storm drainage system. The project would involve potential effects on surface water quantity and quality but would be subject to the same volume control and water quality requirements as other development in Elk Grove. Among other things, the project would be required to prepare and adopt a Storm Water Pollution Prevention Plan (SWPPP) to minimize construction-related water pollution and to incorporate post-construction volume and water quality control Best Management Practices into the project. As a result of these existing requirements, the project would have a less than significant impact on surface waters and water quality.

b) Groundwater Supplies.

Water service to the project site would be provided by the City of Elk Grove. Water use associated with the project site and other urban development in the vicinity is accounted for in City water supply and distribution master plans.

The project would involve no groundwater use or potential for impacts on the underlying groundwater supply. The project would not involve discharge of any substantial amount of potential groundwater pollutants, and the depth to groundwater at the site is

approximately 65 feet. The Elk Grove General Plan EIR identifies important recharge areas associated with the underlying groundwater system. Development of the project and other approved urban development in the vicinity will reduce groundwater recharge due to construction of new impervious surfaces, the site is not located in a significant recharge area. Therefore, the groundwater impacts of the project would be less than significant.

g, h, i) Flooding Hazards.

According to a Flood Insurance Rate Map prepared by the Federal Emergency Management Agency (FEMA), the project site lies within an area classified as Zone X, which consists of areas outside the 100-year floodplain. The project is not exposed to 100-year flooding, 200-year flooding or potential inundation from dam failure. The project would involve no impacts related to flooding.

j) Seiche, Tsunami and Mudflow Hazards.

The project site is in a topographically flat area and not located near any large bodies of water. The project would have no impact related to seiche, tsunami or mudflow hazards.

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) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				✓
c) Conflict with any applicable habitat conservation plan or natural communities conservation plan?				✓

NARRATIVE DISCUSSION

The LRSP EIR evaluated the consistency of the project with the land use programs and policies of the Elk Grove Draft General Plan as well as potential impacts to future population, employment and housing. Elk Grove planning documents in effect at the time have been replaced by the General Plan Update (GPU). The GPU amends various sections of the Laguna Ridge Specific Plan for consistency with the updated General Plan and designates the proposed project site for School use.

The 2018 GPU EIR notes that CEQA does not treat planned changes relating solely to land use or socioeconomic, population, employment, or housing issues as direct physical

impacts on the environment. Accordingly, the GPU EIR provides information regarding these subjects as context for other CEQA analysis, but the EIR does not identify any significant potential land use effects. The GPU EIR also considers the relationship between the GPU and other applicable regional planning documents. The content of the Land Use analysis and the GPU EIR as a whole are incorporated by reference into this IS/MND.

Environmental justice is defined in California law (Government Code Section 65040.12) as “the fair treatment of people of all races, cultures, and incomes with respect to the development, adoption, implementation, and enforcement of environmental laws and policies.” In an environmental analysis context environmental justice concerns whether a proposed project would involve disproportionate negative effects on low-income and minority populations. Senate Bill 244 (SB 244) defines a “disadvantaged unincorporated community” as any area with 10 or more dwelling units that is within a city Sphere of Influence, is an unincorporated island, or is a geographically isolated area existing for more than 50 years a low median household income. The project site is within the Elk Grove city limits. There are no disadvantaged unincorporated communities in the project vicinity.

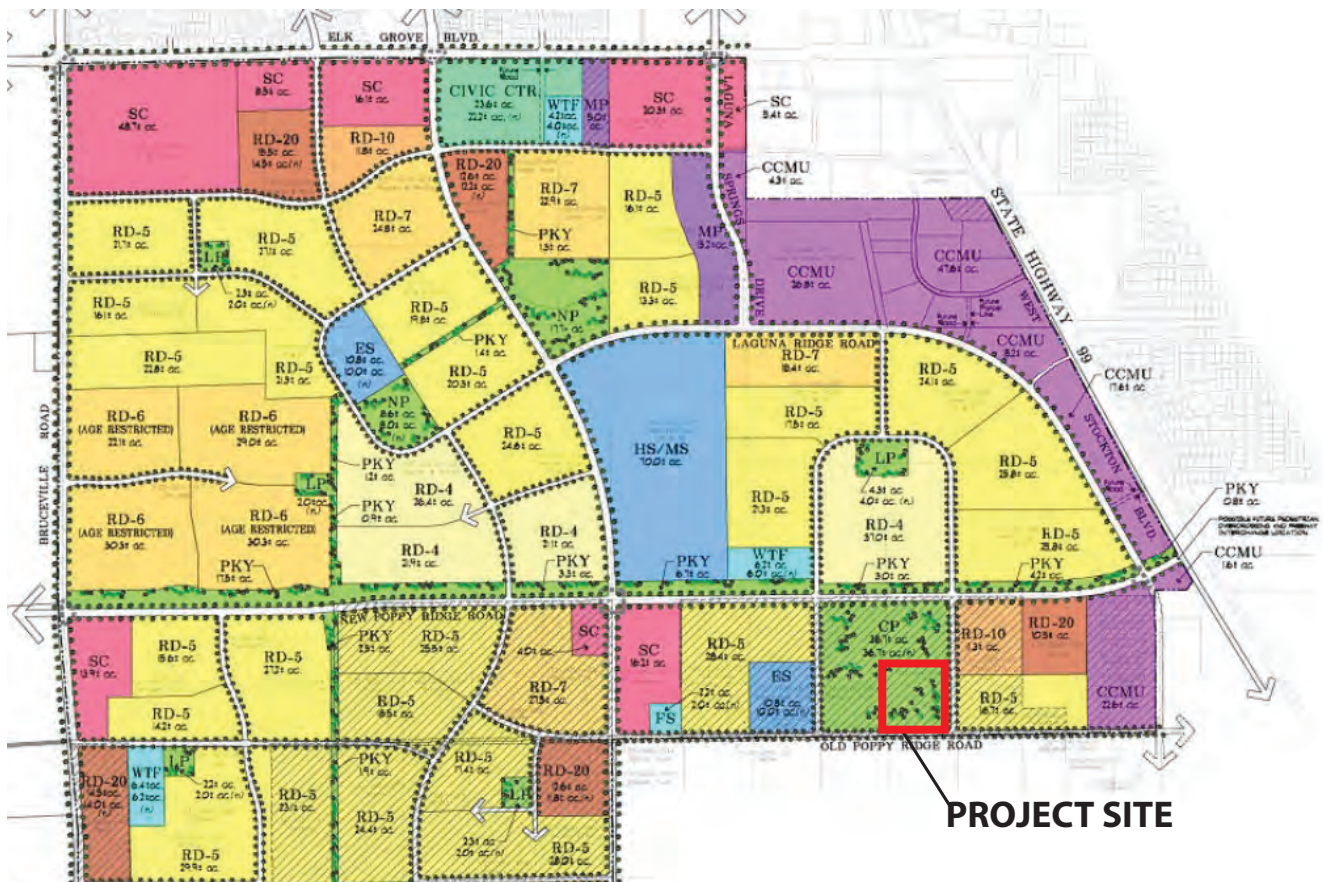
Environmental Setting

The LRSP EIR (2003) described land use in the general project vicinity as predominantly vacant land and agricultural fields with scattered agriculture structures and trees. The GPU EIR (2018) does not contain detailed land use information for the project area.

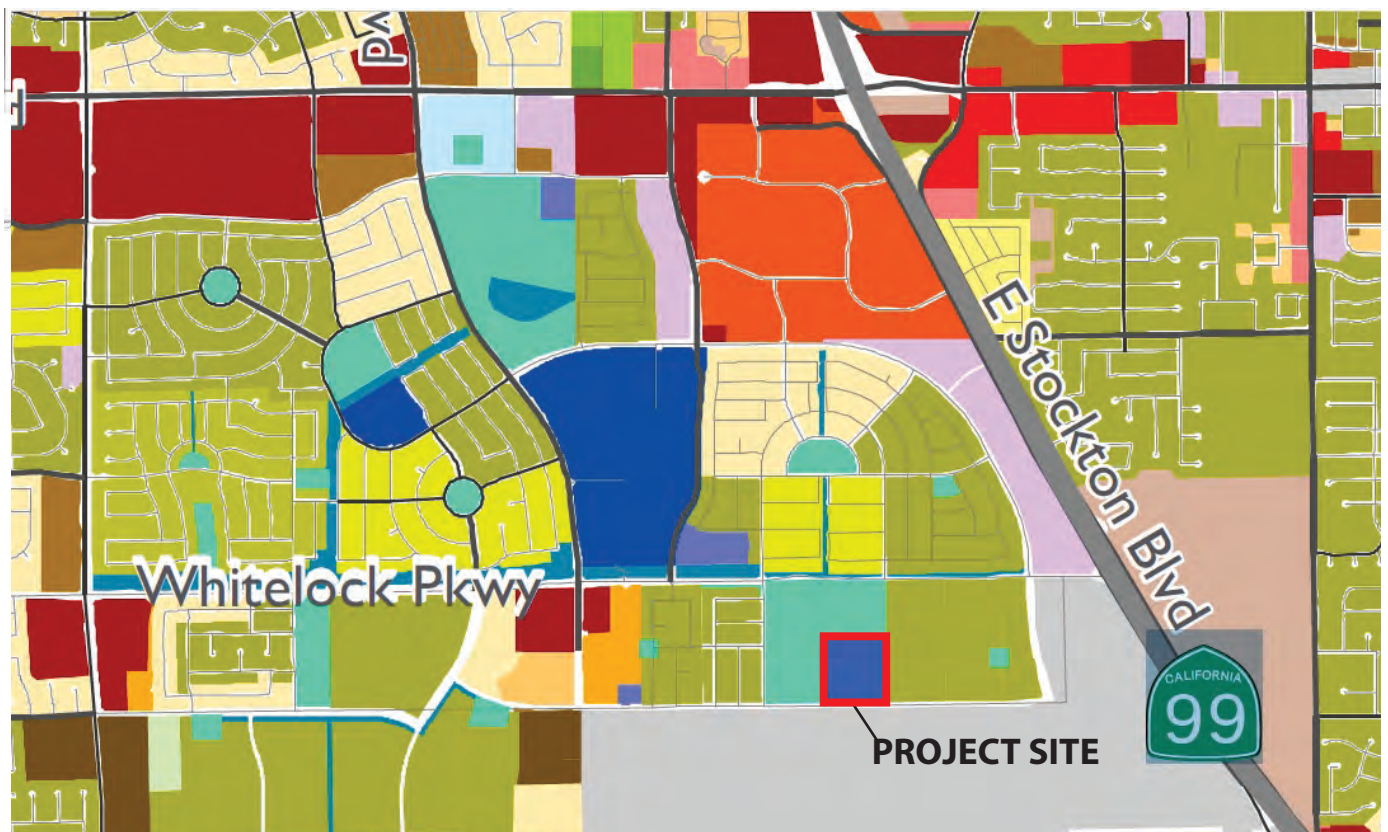
The project site is largely a vacant parcel populated with non-native grasses and weeds. The southeastern quarter of the site contains an older single-family residence, outbuildings and related site improvements. The site vicinity to the north, west and south remains in undeveloped open space. Recent single-family residential development borders the project site to the east. Vacant land adjacent to the north and west of the project site is designated and planned for a neighborhood park. Lands to the south of the site and Poppy Ridge Road are also currently vacant and undeveloped land; this area is designated for urban development, and signage found on the site indicates that a proposed residential project is under review by the City of Elk Grove.

Environmental Impacts and Mitigation Measures

As noted above, CEQA does not treat land use or socioeconomic issues as direct physical impacts on the environment. Accordingly, the GPU EIR provided information regarding these subjects as context for other CEQA analyses, but the EIR did not identify any significant potential land use effects. Accordingly, the following analyses of land use concerns drawn from the CEQA Environmental Checklist do not identify significant environmental effects. Land use issues were adequately addressed in the prior EIR.



Laguna Ridge Specific Plan Proposed Lane Use



Elk Grove General Plan Update Proposed Land Use

a) Division of Established Communities.

The project site is located within the City of Elk Grove and is designated by the City for school development. Surrounding lands are developing for residential use, and lands immediately surrounding the site are designated for neighborhood park development. The proposed school is a planned use that is integrated with planned urban development of surrounding lands. The project would have no effect on established communities. Addition of the proposed school would be considered beneficial to existing and future uses in the surrounding planned community.

b, c) Conflict with Applicable Plans, Policies and Regulations.

The project is consistent with existing Elk Grove General Plan designations and zoning. The project would have no impact on this issue area. As discussed in Section 3.4, Biological Resources, the project would not conflict with any habitat conservation plans. The project would have no effect in this area of concern.

The project would not involve any potentially significant environmental justice effects. The project would provide essential educational services to all residents of the EGUSD without regard to race, culture or income and would not involve any known emissions or other negative influences on low-income or minority populations. There are no “disadvantaged unincorporated communities” in the project vicinity.

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

The LRSP EIR did not evaluate mineral resources. The 2018 GPU EIR notes that mineral resources in Elk Grove are classified for its mineral resource potential. A large portion of Elk Grove is covered by the MRZ-2 classification. Sites described by this classification are areas underlain by mineral deposits where geologic data indicate that significant measured, indicated, or inferred mineral resources are present. Inferred mineral resources within the City are Portland cement concrete-grade aggregate

composed of Lower Unit Riverbank Formation alluvium deposits (California Department of Conservation 1999). The content of the Mineral Resource analysis and the GPU EIR as a whole are incorporated by reference into this IS/MND.

Mineral resources in Sacramento County include natural gas, petroleum, sand, gravel, clay, gold, silver, peat, topsoil and lignite. The principal resources which are in production are aggregate (sand and gravel) and natural gas. The Sacramento County General Plan indicated there were no designated mineral deposits nor oil or natural gas deposits in the area (Sacramento County 2017b).

Environmental Impacts and Mitigation Measures

The LRSP EIR, the Elk Grove GPU and the Sacramento County GP do not identify mineral resources in the proposed project location and do not offer mitigation measures regarding minerals resources within the county. Likewise, the project would have no impacts on mineral resources, and the analysis provided in the prior EIRs is adequate.

a, b) Availability of Mineral Resources.

Since there are no identified mineral resources areas in the vicinity of the project sites, 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) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?		✓		
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?			✓	
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?			✓	
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?		✓		
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				✓

f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

			✓
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NARRATIVE DISCUSSION

Both the LRSP and GPU EIRs contain detailed analysis of potential noise impacts associated with the development of urban uses, including schools. These programmatic analyses focus on potential noise impacts associated with major transportation noise sources, including highways, roads and railroads. The GPU EIR considers potential effects associated with industrial use; there are, however, no railroads or industrial uses located in or near the proposed project area. Airport noise is not a significant noise source in the Elk Grove planning area as a whole.

Potential noise impacts in both EIRs consider potential for exposure of new urban uses to existing and projected future noise from the above sources. Schools are not, however, identified as noise-sensitive land uses. Recent CEQA case law indicates that consideration of potential exposure to existing noise is not a proper subject for analysis in environmental review of new land uses.

Environmental Setting

Noise Analysis Background

Sound is defined as any pressure variation in air that the human ear can detect. To provide a manageable way to measure sound, the decibel (dB) scale was devised. The perceived loudness of sounds is dependent upon many factors, including sound pressure level and frequency content. Within the usual range of environmental noise levels, perception of loudness is relatively predictable, and can be approximated by the A-weighting network. There is a strong correlation between A-weighted sound levels (expressed as dBA) and the way the human ear perceives noise.

Community noise is commonly described in terms of the "ambient" noise level, which is defined as the all-encompassing noise level associated with a given noise environment. A common statistical tool to measure the ambient noise level is the average, or equivalent, sound level (L_{eq}), which corresponds to a steady-state, A-weighted sound level containing the same total energy as a time-varying signal over a given time period (usually one hour). The L_{eq} shows very good correlation with community response to noise.

Existing Noise Environment

As noted above, the LRSP EIR defines the primary noise sources of the LRSP area, including the site, as existing highways and roadways. The EIR distinguishes between ambient noise levels in the vicinity of these sources, which are higher, and ambient levels in areas more distant from major transportation corridors. The project area is one such area; lacking major roadways and traffic, an average ambient noise measurement reported in the EIR near Poppy Ridge Road (Site 1) was 45 dBA L_{eq} , with a maximum noise

measurement of 58 dBA. Using traffic modeling data, the LRSP EIR predicted existing Ldn noise levels near (100 feet from) Poppy Ridge Road in the project vicinity at approximately 55.5 dBA.

The GPU EIR presented measured ambient noise monitoring within existing developed portions of Elk Grove, often in the vicinity of major roadways. The lowest of these measurements, approximately 50 dB Leq, were higher than rural undeveloped noise levels measured in the LRSP area. The GPU EIR did not identify existing or projected noise levels in the vicinity of Poppy Ridge Road. The GPU EIR does however show the project site as being within the 60 dB Ldn noise contour for SR 99.

As noted in both EIRs, agricultural activity can also result in intermittent noise, depending on the season and type of activity. As described in the LRSP EIR, agriculture in the general project vicinity involved cattle grazing and alfalfa or wheat field cultivation. The latter two activities would involve intermittent noise from the use of agricultural equipment. With the passage of time and annexation of the LRSP area, there remains no active agricultural use of the site or surrounding properties.

The EIRs compare existing and with-project noise levels to City of Elk Grove Noise Element noise standards, which for most noise-sensitive land uses are 60 dB CNEL. These uses include Residential, Transient Lodging, Hospitals and Nursing Homes, Theaters, Auditoriums and Music Halls and Churches and Meeting Halls. The Elk Grove Noise Element indicates that an exterior noise level of up to 70 dB L_{dn} is considered an acceptable exterior noise environment for school playgrounds. This standard recognizes that school playgrounds tend to be noise generating, rather than noise-sensitive. Noise levels of 45 dB Leq are specified as being appropriate for interior classrooms.

Transportation noise impacts are defined as significant if the increase in noise level resulting from the project exceeds the applicable significance threshold:

Ambient Noise Level Without Project	Ambient Noise Level With Project
<60 dB	5.0 dB or more
60-65 dB	3.0 dB or greater
>65 dB	1.5 dB or greater

Environmental Impacts and Mitigation Measures

LRSP EIR, construction noise impacts from equipment producing 85-90 dB at 50 feet, and truck traffic, increases in traffic noise on land uses, predicted using Federal Highway Traffic Noise Prediction Model (FHWA RD-77-108). Assessment of buildout noise conditions occurring over a 20-year period. Poppy Ridge road increase from existing 55.5 to 64.6, an increase of 9.1 dB would in itself be significant, also noise in the immediate vicinity of Poppy Ridge Road would exceed City standards of 60 dB for the prevailing residential use of the area by 4.6 dB. Overall increase to Cumulative level of

67.0 dB. Mitigation requirements placed on applicants for areas within 60 dB traffic noise contour include setbacks, barriers, site design, building design, building facades and noise-reducing pavements, reduce to less than significant.

a, d) Exceedance of Local Noise Standards and Temporary or Periodic Increase in Ambient Noise (Construction Noise)

Both the LRSP and GPU EIRs evaluated potential noise impacts resulting from new development. Noise impacts would occur when construction equipment producing 85-90 dB at 50 feet is operating in the vicinity of noise-sensitive land uses. Noise levels of up to 105 dB can be expected if construction would involve pile driving. Construction noise was identified as being of relatively short duration, lasting from a few days to a period of several months. The highest noise levels normally occur during site preparation, which includes removal of existing structures and earth moving using heavy equipment. Concrete work and building construction can involve comparable but more intermittent noise.

The project would involve similar activities. Initially, the existing structures would be removed and the site would be rough-graded, which would involve the use of excavators, graders, drills, and haul trucks accessing the project site from surrounding streets. The project is not expected to involve any use of pile drivers. Noise levels in the vicinity of the project would fluctuate depending on the particular type, number, and duration in which various demolition equipment would be used, and the distance between the activity and adjacent land uses. Existing residences east of Lousada Drive would, due to proximity, be most exposed to construction noise.

The EIRs describe potential mitigation measures for construction noise as limiting construction hours to daytime hours as required in the City of Elk Grove Noise ordinance, requiring all construction equipment be fitted with appropriate mufflers, locating staging areas and stationary equipment as far from noise-sensitive uses as possible, posting of contact information for the District and contractor and investigating and responding to complaints. The GPU indicates that construction impacts would remain significant and unavoidable despite these noise-reducing measures. The District would apply more stringent noise controls and coordinate with representatives of the adjoining neighborhood to identify specific actions that would limit potential noise impacts. On that basis, and due to the relatively short duration of project construction, the District finds that the implementation of the GPU EIR mitigation measures would result in a less than significant effect on the environment.

Mitigation Measures:

NOISE-1: Project construction shall be limited to the hours of 7:00 a.m. to 7:00 p.m.

NOISE-2: All equipment used on the construction site shall be fitted with mufflers in accordance with manufacturers' specifications and remain in operation and in good condition at all times during use.

NOISE-3: The construction staging area and areas involving use of ongoing stationary equipment shall be located as far from the adjacent residential uses as is feasible.

Significance After Mitigation: Less than significant

b) Exposure to Groundborne Vibration.

Groundborne vibration is typically caused by trains, buses on rough roads, and certain construction activities such as blasting, pile-driving and operating heavy earth-moving equipment. Project construction activities would involve the use of heavy machinery that has the potential to cause occasional groundborne vibration but would not involve pile driving. Table 4.4-10 of the LRSP EIR lists equipment with the potential to cause vibration; however, the predicted vibration velocities at a distance of 25 feet are less than 10% of the normally acceptable threshold of 0.4 inches per second. The project would therefore not cause excessive groundborne vibration, and potential vibration impacts would be considered less than significant.

c) Permanent Increase in Ambient Noise.

The project has the potential to cause permanent increases in ambient noise as a result of project traffic contributions to local roads and, in the immediate vicinity of the site, from school playground noise generated by the school.

Playground Noise

The LRSP EIR indicates that children playing on school playgrounds are potentially significant noise sources that can adversely affect adjacent noise-sensitive land uses. Typical noise levels associated with groups of approximately 50 children playing at a distance of 50 feet range from 55 to 60 dB Leq, with maximum noise levels ranging from 70 to 75 dB. This is consistent with other current playground noise measurements provided by J. C. Brennan and Associates that a playground population of 100 children generates an Leq noise level of 60 dBA at a distance of 75 feet.

Potential project noise sources in the vicinity of existing residential uses would be limited to the kindergarten play in the southeastern portion of the site (Figure 2-1), the center of which is approximately 110 feet west of the nearest residence. EGUSD indicates several play periods per day would be accommodated in this facility. As a result, the project's average noise contribution to nearby residences over the 7:00 a.m. to 7:00 p.m. day would be well below the City of Elk Grove's 55 dBA noise standard for stationary sources. The project's playground noise effects would be less than significant.

Traffic Noise

Additional noise resulting from the project would result from the noise contributions of school-generated traffic to existing and projected future traffic on local roads providing access to the site. As school traffic would largely be generated from nearby Elk Grove neighborhoods, potential traffic noise contributions to more-distant transportation facilities were not analyzed.

The LRSP EIR estimated potential future traffic noise on project area roadways using projected traffic volumes from the EIR's traffic impact study combined with the Transportation Noise Prediction Model developed by the FHWA. Projected future traffic resulting from buildout of the LRSP area included traffic generated by a proposed elementary school that was to front on Poppy Ridge Drive, approximately ¼ mile west of the proposed site. The LRSP analysis evaluated future traffic conditions on Poppy Ridge Drive between Bruceville Road and SR 99 and at the intersections at both ends of the segment.

The LRSP EIR traffic analysis predicted that buildout of the LRSP would result in trip generation of approximately 189,400 daily trips, about 8% of which would occur in the a.m. peak and about 9.5% of which would occur in the p.m. peak hour. The proposed school project would contribute a portion of the new vehicle trips projected by the LRSP EIR. Based on the Institute of Transportation Engineers (ITE) publication *Trip Generation, 10th Edition*, the up-to-1,150-student project would generate approximately 2,175 vehicle trips daily, approximately 0.8% of the total predicted LRSP traffic generation.

School-related traffic is expected to be generated primarily from existing and planned neighborhoods surrounding the school and concentrated on Poppy Ridge Road and Lousada Drive. Assuming that a third of the project-related traffic would be assigned to Poppy Ridge Road west of the site, Poppy Ridge east of the site and Lousada Drive, on a daily average basis (Ldn), noise generated by the project would not exceed 2 dB, which is below the threshold of human hearing detection and therefore not significant.

Traffic distribution during the day would not follow peaking variations normally associated with commute hours. School traffic would peak twice daily during morning and afternoon arrival departure hours with corresponding traffic noise occurring during these periods.

As indicated by the LRSP EIR overall trip generation figures, the project's contribution to buildout traffic would be relatively minor. On the nearby segments of Poppy Ridge Road, the project contribution would be more substantial but would not result in significant traffic noise increases. Existing and projected buildout traffic and the resulting noise increases associated with the project are shown in Table 3-3.

TABLE 3-3

PROJECT-RELATED TRAFFIC NOISE INCREASES
POPPY RIDGE ROAD

	Poppy Ridge Road
Existing Daily Traffic	1,696 vpd
Existing Noise at 100 feet	57.3 dB
Project Noise Contribution	1.5 dB
Buildout Daily Traffic	8,900 vpd
Buildout Noise at 100 Feet	64.5 dB
Project Noise Contribution at Buildout	0.4 dB

Potential noise increases associated with the project would in all cases fall below the applicable significance threshold. Therefore, project contributions to traffic noise would be less than significant.

e, f) Exposure to Airport/Airstrip Noise.

There are no public airports or private airstrips in the project vicinity. The project would have no impact related to this issue.

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 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 housing, necessitating the construction of replacement housing elsewhere?				✓
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				✓

NARRATIVE DISCUSSION

Environmental Setting

The LRSP EIR evaluated the LRSP's with population and housing assumptions the of the Elk Grove Draft General Plan as well as potential impacts to future population, employment and housing. Elk Grove planning documents in effect at the time have been replaced by the General Plan Update (GPU). The GPU amends various sections of the Laguna Ridge Specific Plan for consistency with the updated General Plan and designates the proposed project site for school use.

As of January 1, 2020, the population of Elk Grove was estimated at 176,154 (California Department of Finance Report E-1 2020). Elk Grove is currently growing at a rate of 1.29% annually and its population has increased by 15.94% since the most recent census, which recorded a population of 153,015 in 2010.

Environmental Impacts and Mitigation Measures

a) Population Growth Inducement.

The project does not propose any residential, commercial, or industrial development that would cause or induce population growth, directly or indirectly. The project would have no impact on population growth.

b, c) Displacement of Housing and People.

The project would not substantially affect existing or planned housing units in the project vicinity; consequently, it would not displace housing or people. The project would have no impact on housing issues.

3.15 PUBLIC SERVICES

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

Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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a) Fire protection?

b) Police protection?

c) Schools?

d) Parks?

		✓	
	✓		
		✓	
		✓	

e) Other public facilities?

		✓	

NARRATIVE DISCUSSION

Environmental Setting

The LRSP EIR evaluated the need for new schools provided by EGUSD within the Laguna Ridge Specific Plan Area. Communication with EGUSD was included in the EIR as well as a discussion on local and state funding for new schools. Concurrent goals of the LRPS EIR 2003 and the GPU EIR 2018 included that schools should serve as a focal point to a neighborhood and be within walking distance to neighborhoods.

The 2018 GPU EIR also analyzed fire, law enforcement, schools and parks and addressed locations and service standards for the City. The content of the Public Service analysis and the GPU EIR as a whole are incorporated by reference into this IS/MND.

Elk Grove is served by the Cosumnes Community Services District (CCSD) Fire Department. The CCSD provides fire protection and emergency services to a 157-square-mile area that includes the cities of Elk Grove and Galt, as well as unincorporated areas of south Sacramento County. The CCSD provides fire prevention services, fire rescue services, and emergency medical services including ambulance transportation and pre-hospital care.

Fire Station 71 is located at 8760 Elk Grove Blvd., Elk Grove, CA 95624, approximately 1.5 miles from the project site. This station provides fire, rescue, emergency medical, and ambulance transport services. Minimum staffing at this station includes six personnel, 24 hours a day. Primary equipment at this station includes one four-person truck, one three-person engine, and one two-person medic. The CCSD Fire Department has a response standard goal of 6 minutes or less, 90 percent of the time.

The project site is within the boundaries of the Elk Grove Unified School District, (EGUSD) which provides public educational services from kindergarten to high school. EGUSD Facilities Master Plan 2015-2025 Update indicated that the growth and development of the Laguna Ridge Specific Plan would create additional overcrowding in the EGUSD. Existing and future development in the project vicinity deemed a new elementary school necessary to meet the needs of existing and future students.

Parks and recreation services in the City of Elk Grove are provided by the Consumnes CSD Parks and Recreation Department, which operates 102 parks throughout the cities of Elk Grove and Galt. The City of Elk Grove also has three dog parks, two skate parks and eight of the existing parks are equipped with water play features. The Elk Grove General Plan designates lands immediately adjacent to the west and north boundary of the school site for a future park.

The Sacramento County Parks and Recreation Department provides park and recreational services to unincorporated Sacramento County. There are no County parks or recreational facilities in the project vicinity. Other public services include the Sacramento Public Library, with branches in Elk Grove and Galt, and the Sacramento County Superior Court, with facilities in Sacramento.

Law enforcement services are provided by the Elk Grove Police Department (EGPD) located at 8400 Laguna Palms Way, Elk Grove, CA 95758. The EGPD has 146 sworn officers and 108 civilian staff members.

Environmental Impacts and Mitigation Measures

The 2018 GPU EIR identified the only need for public service mitigation as related to the cumulative effects of proposed new projects. Since the proposed project would meet previously-identified school needs, the prior EIR analysis is considered to address the project. Each of the following subject areas was analyzed with respect to the 2018 GPU for applicable fee requirements or mitigation measures.

a) Fire.

The project would generate a demand for fire protection services, but it can be served by the CCSD without new or expanded fire protection facilities. As noted above, Station 71 is approximately 1.5 miles from the project site, so availability of service and response times would not be issues. While new facilities would not be required as a result of the project, new development is required by ordinance to pay into the Plan Area Development Impact Fee Program, (PADIFP) to the City for future construction of Fire Department facilities that may be required elsewhere in The City. With required payment of PADIFPs, the project would have a less than significant effect on fire protection facilities.

The project is subject to the requirements of the State Architect, including adherence to the California Fire Code regarding placement of fire hydrants, adequacy of water supply to the site, and emergency access. It also would be subject to the States adopted Building and Electrical Codes with their applicable provisions related to fire safety, including the installation of smoke detectors and sprinkler systems. Vehicle access ways would be constructed to City standards, which consider emergency vehicle accessibility. Compliance with City and State codes and standards would ensure that impacts on fire protection services would be less than significant.

b) Police.

The project would generate a demand for police protection services, but it can be served by the Elk Grove Police Department without new or expanded police protection facilities. While new facilities would not likely be required as a result of the project, new development is required by ordinance to pay PADIFPs to the City for future construction of Police Department facilities when needed.

Project construction would, through the location of construction materials and equipment on the unoccupied site, involve new crime opportunities during the construction period. This issue would be addressed by the mitigation measure below. With implementation of this mitigation measure, impacts on police protection services would be less than significant.

Level of Significance: Potentially significant

Mitigation Measures:

SERV-1: The EGUSD shall coordinate with the Elk Grove Police Department as required during State review of site improvement and building plans to establish adequate security and visibility of the construction site.

Significance After Mitigation: Less than significant

c) Schools.

The EGUSD proposes to construct a PreK-6 school that would accommodate 966 students, or more if a multi-track year-round schedule is adopted. The school would consist of classrooms, a multipurpose building, and a library/administration building. Play fields and play courts would also be located on site. Parking lots and drop-off areas would be installed off Lousada and Poppy Ridge Road. This is considered a beneficial impact.

d, e) Parks and Other Public Facilities.

The project would not create additional demand for parks or other services from the City of Elk Grove or Sacramento County. No new parks nor expansion of existing parks would be required to provide adequate service to the project. The project will not involve direct impacts on City parks developed on adjoining land. The same would apply to public libraries and courthouses. The project would provide additional play fields and outside spaces for students in the vicinity, this would be considered a beneficial impact.

3.16 RECREATION

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?			✓	
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which			✓	

might have an adverse physical effect on the environment?

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NARRATIVE DISCUSSION

Environmental Setting

The LRSP EIR did not evaluate recreation services. The 2018 GPU EIR provided a list of all community and regional parks as well as other public recreational spaces. The content of the Recreation analysis and the GPU EIR as a whole are incorporated by reference into this IS/MND.

Parks and recreation services in the City of Elk Grove are provided by the Consumnes CSD Parks and Recreation Department, which operates 102 parks throughout the Cities of Elk Grove and Galt. The City of Elk Grove also has three dog parks, two skate parks and eight of the existing parks are equipped with water play features. The Elk Grove General Plan designates lands immediately adjacent to the west and north boundary of the school site for a future park.

Environmental Impacts and Mitigation Measures

The 2018 GPU EIR provides details for all developer fees in accordance with the Quimby Act Fee and the Park development Impact Fee for Developers. These fees are not required for the development of a new public school.

a, b) Recreational Facilities.

The proposed project would construct a school site to serve existing and planned growth in the project vicinity. The school would be equipped with ball fields and outside equipment, which would make additional playfields and outdoor recreation spaces available to the community, which would result in a beneficial recreational impact to the degree these facilities are available to the public. No unplanned recreational facilities would be required to provide adequate service in conjunction with the development of the project. The project would have a less than significant effect on recreational facilities or services.

3.17 TRANSPORTATION/TRAFFIC

Would the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system,			✓	

including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

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

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

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

e) Result in inadequate emergency access?

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

			✓
		✓	
	✓		
		✓	
		✓	

NARRATIVE DISCUSSION

This section describes the transportation planning framework and the transportation systems that serve the proposed project area, the consistency of the project with the planning framework and the potential effect of the project construction and operation on those systems. Transportation systems within the City of Elk Grove include streets and highways, transit, pedestrian and bicycle ways, and railroads. Except for emergency medical transport there are no active air transportation systems within the City. There are no railroads in the project vicinity.

California SB 743 added Section 15064.3 to the CEQA Guidelines, which states that “vehicle miles traveled” (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. While a quantitative analysis of VMT is preferred, a qualitative analysis may be used if existing models or methods are not available to estimate VMT for the project being considered.

Environmental Setting

The City of Elk Grove is responsible for operation and maintenance of local transportation systems, which are described in the Transportation Element of the Elk Grove General Plan together with relevant transportation policies and planned implementation measures. The Circulation Element of the Elk Grove General Plan requires that all roadways and intersections in Elk Grove operate at a minimum Level of

Service “D” at all times. The GPU EIR provides a recent background description of the City’s transportation system in a multimodal framework.

City transportation plans are coordinated with the Sacramento Area Council of Governments (SACOG), the agency responsible for overall transportation system management in Sacramento County. SACOG’s responsibilities and its transportation improvement plans and priorities, developed in cooperation with the City and other local agencies in the County, are set forth in the adopted Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) and Regional Congestion Management Program (RCMP).

Highways, Streets and Intersections

Regional access to and from the City of Elk Grove is provided by SR 99, a four-lane access-controlled freeway located approximately 0.5 miles east of the project site. The project site is accessible from SR 99 at the Elk Grove Boulevard and Grantline Road interchanges via West Stockton Boulevard and Promenade Parkway. The GPU EIR provides detailed operational information for the City’s backbone streets. The following streets are located near the project site:

- *Whitelock Parkway* is a four-lane median-divided Arterial street located approximately 0.25 miles north of and parallel to Poppy Ridge Road. Whitelock Parkway is a principal access to Cosumnes Oaks High School and existing and ongoing residential development in the City of Elk Grove, south of Elk Grove Boulevard, and is constructed to its ultimate width. The Whitelock Parkway corridor has Class I pedestrian/bicycle ways on both sides of the street. The 2019 ADT on Whitelock Parkway between Big Horn and Lotz is approximately 6,200 vpd.
- *Poppy Ridge Road* is a two-lane street extending between Bruceville Road on the west and West Stockton Boulevard on the east. The road has been improved to urban two-lane standards with full frontage improvements adjacent to recent residential development but elsewhere is a two-lane road with two-foot paved shoulder on the north side with typically no paved shoulder on the south side. Poppy Ridge Road is classified as a future arterial street in the Elk Grove General Plan. Existing average daily traffic (ADT) on Poppy Ridge Drive in the project vicinity (2019) is approximately 1,696 vehicles per day.
- *Lousada Drive* connects Whitelock Parkway and Poppy Ridge Road along an alignment immediately east of the project site. Lousada Drive south of Whitelock Parkway is a partially constructed two-lane local street adjacent to and east of the project site. Frontage improvements along the east side of the street have been constructed in conjunction with adjacent residential development. The City of Elk Grove does not publish traffic counts for Lousada Drive; ADTs for this local street segment are expected to be less than 2,000 vehicles per day

The GPU EIR indicates (Figures 5.13-4, 5, and 6) that roadways and intersections in the project vicinity operate at high levels of service during both the a.m. and p.m. peak hours. The above traffic counts are consistent with high LOS.

Alternative Modes of Transportation

The City is served by its own transit system, e-Tran, which includes local transit service and commuter routes. As described in the GPU EIR, local transit service is provided on weekdays (seven routes) and Saturdays (four routes) with no Sunday service. E-Tran provides ten commuter routes that operate Monday through Friday. E-Tran operates existing weekday and weekend routes along Whitelock Parkway in the project vicinity.

In the greater Sacramento area, additional transit service is also provided by Sacramento Regional Transit, which operates bus, light rail and other transit services. Bus and light rail systems interconnect with Elk Grove e-Trans in the vicinity of Cosumnes River College.

Elk Grove's Bicycle, Pedestrian, and Trails Master Plan identifies existing and proposed facilities, opportunities, constraints, and destination points for bicycle users and pedestrians. Existing facilities in the general project vicinity include Class I pedestrian/bikeways along Whitelock Parkway north of the site. There are no bikeways along Poppy Ridge Road in the project vicinity.

Pedestrian sidewalks along portions of Poppy Ridge Road in the general project vicinity; sidewalks exist where street frontages have been improved in conjunction with adjacent development, including along the Lousada Drive frontage, immediately east of the site. Sidewalks are provided along developed street frontages throughout the project vicinity, including the length of Whitelock Parkway. The project site frontages on Poppy Ridge Road and Lousada Drive will be improved in conjunction with the project.

Environmental Impacts and Mitigation Measures

The GPU EIR provides recent and updated analysis of the potential transportation of buildout of the Elk Grove General Plan. The GPU EIR analysis recognizes SB 743 requirements and California Office of Planning and Research guidelines suggesting analysis of VMT. However, as VMT requirements were not yet mandatory at the time of its preparation, the EIR relies on level of service (LOS) analysis as being more consistent with General Plan transportation policies while also providing VMT analysis.

The impact of the GPU on the roadway system was quantified through roadway system analysis that measures daily VMT, daily roadway capacity utilization for local City streets and freeway facilities, and a.m. and p.m. peak hour intersection operations for local City intersections. The analysis addressed 145 roadway segments and 83 intersections, including some facilities in the project vicinity, as discussed below. Intersections were analyzed Highway Capacity Manual methodologies using the Synchro/SimTraffic traffic operations analysis software. Quantitative significance thresholds used in the analysis are described in GPU EIR Tables 5.13-4 and 5.13-5.

VMT thresholds are established by land use designation. Development projects shall demonstrate that the VMT produced by the project at buildout is equal to or less than the VMT limit of the project's General Plan land use designation, which incorporates a 15 percent reduction from 2015 conditions. For Public Services, the VMT limit is 53.1 VMT daily per unit of service population.

a) Conflict with Transportation Plans, Ordinances and Policies.

The project would generate an estimated 1,826 daily vehicle trips based on ITE trip generation figures, which would be distributed to the east and west along Poppy Ridge Road and north along Lousada Drive. The project would contribute to the LRSP estimated buildout traffic on Poppy Ridge Road of 8,400 vpd. Projected traffic would remain well within the Segment Performance Targets (GPU EIR Table 6-4) for two-lane undivided streets, which range from 15,700 at 35 mph to 17,700 at 45 mph. This would be considered a less than significant effect.

The GPU EIR projects traffic conditions at long-term general plan buildout conditions. Even with this substantially greater increase in traffic, east-west street segments in the project vicinity are projected to perform at LOS C or better. The future improved intersection at Poppy Ridge and Big Horn would function at LOS C or better. A future intersection of Poppy Ridge and Lotz parkway is projected to function at LOS E.

The GPU EIR describes projections of buildout VMT and VMT per unit of service population. The projected average VMT is 12.0 per unit of service population; 85% of the average, or 10.2 VMT, is the significance threshold for VMT. Figure 5.13-14 shows projected average VMT in various portions of the City; these averages range from less than or equal to 10.2 VMT to more than 20 VMT per unit service population. The project site is located in an area to produce less than or equal to 85% of the projected average VMT.

Development of the project is essential to buildout of the LRSP area. The school will have beneficial on the length of school-related trips in both the short- and long-term. As residential development of the area continues, average school pickup and delivery trip lengths will decrease, reducing per student VMT and contributing to the less than or equal to 85% average VMT predicted for the project area as shown on Figure 5.13-14. As a result, the potential VMT impacts of the project would be less than significant. This issue was adequately addressed in the GPU EIR.

The GPU EIR found that the impact on level of service conditions at some intersections and on some roadway segments would be significant and unavoidable. As a result of SB 743 guidance, the GPU EIR does not conclude that the project LOS E at Poppy Ridge Road and Lotz Parkway is significant or needs to be mitigated. Capacity expansion is not considered feasible due to right-of-way impact, environmental impacts including induced travel (i.e., increased VMT), and inconsistency with both complete street concepts. Therefore, the General Plan includes policy accommodations that support complete street

concepts and community values and eliminates LOS as a significance threshold for the evaluation of projects under CEQA, consistent with the requirements of SB 743.

b) Conflict with Congestion Management Program.

The SACOG Regional Congestion Management Plan (RCMP) coordinates land use, air quality and transportation planning to avoid or reduce potential congestion from traffic generated by development. The Plan designates a roadway and intersection network on which traffic congestion is monitored and programs to reduce congestion are to be targeted. None of the streets adjacent to or near the project site are part of this RCMP network. The project would have no impact on the applicable congestion management program.

c) Air Traffic Patterns.

As noted in Section 3.8, Hazards and Hazardous Materials, there are no public airports in the project vicinity. The project, being a proposed elementary school, is not expected to generate any passenger air traffic. The project would have no impact on air traffic patterns.

d) Traffic Hazards.

Peak morning and afternoon student pickup-dropoff traffic can be expected to result in some congestion, vehicle queuing and parking along road shoulders approaching the school as school buses and light vehicles approach and depart the school. Vehicle circulation and temporary parking concerns are addressed in the preliminary site plan shown in Figure 2-1.

The preliminary site plan defines a two-lane student dropoff/pickup area accessed from Lousada Drive in the northeast portion of the site. Visitor and public parking for 15-20 vehicles is provided in this area. Bus traffic would be routed to a separate dropoff/pickup area turnout adjacent to Poppy Ridge Road. Staff arrival/departure traffic would be handled in a separate parking area in the southwest corner of the site.

School traffic during arrival/departure hours can be expected to involve substantial safety concerns for students and parents accessing the school as well as difficulties for residents of the adjacent street-fronting homes east of Lousada. Vehicles using proposed driveways could result in unexpected turning movements and vehicle queues extending into the adjoining street, interfering with street operations.

The proposed pickup-dropoff facility would reduce but not eliminate attempts to park on-street. The school's Lousada Drive and Poppy Ridge frontage would likely be exploited by pickup-dropoff vehicles and to result in pedestrian traffic along the street and mid-block pedestrian crossings. The preliminary site plan provides an illustration of how pedestrian to and from the school, and on-site, would be accommodated. This would include construction of sidewalks along the site perimeter and on-site walkways

connecting the principal traffic areas of the campus with the pickup-dropoff area. This is considered a potential safety concern and therefore a potentially significant impact. These concerns can however be anticipated and addressed in conjunction with school planning, design and administration, and in communication with the City of Elk Grove, with parking restrictions, crossing control systems, monitoring and communication with student families. Mitigation for these potential conditions will need to be considered further during the design process by qualified professionals with traffic analysis experience. With reasonable such measures in place, potential safety impacts would be reduced to a level that would be less than significant.

Mitigation Measures:

TRANS-1: During school planning, design and administration, the EGUSD will give detailed consideration to site plan provisions for on- and off-site light vehicle, bus and pedestrian circulation in consultation with the City of Elk Grove. The design process will include specific consideration of:

On-site pedestrian routes and facilities.

Off-site pedestrian safety and street crossings, including various marking, signing, street surface treatments.

Parking regulation and signage

Crossing control program,

Monitoring and adaptive management

Significance After Mitigation: Less than significant

e) Emergency Access.

Site circulation will necessarily be developed in consultation with the emergency service agencies. The project can be expected to provide adequate access for emergency vehicles. The project would have a less than significant effect on emergency access.

f) Conflict with Non-vehicular Transportation Plans.

There is no existing public transit access in the immediate project vicinity. The project would not involve any direct effect on existing public transit facilities or access. The project can however, be expected to result in increases in transit demand in conjunction with ongoing development of the surrounding lands. Over time, this would result in increases in potential ridership, transit route expansion and improved service to the project area. This would be considered a beneficial effect.

There are no existing bicycle facilities in the immediate project vicinity, and existing pedestrian facilities are discontinuous. Implementation of the project would result in an increase in demand for bicycle and pedestrian facilities, which would be considered a beneficial effect of the project. measures would be required. Impacts related to non-vehicular transportation plans and systems 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:

Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
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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

	✓		
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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.

	✓		
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NARRATIVE DISCUSSION

Environmental Setting

In 2014, the California Legislature enacted AB 52 requiring consultation with Native American tribes with respect to development activities potentially affecting the tribes as a part of CEQA. 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.” More specifically, Public Resources Code Section 21074 defines tribal cultural resources as:

- Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are included or determined to be eligible for inclusion in the California Register of Historical Resources, or included in a local register of historical resources; or
- 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 [i.e., eligible for inclusion in the California Register of Historical Resources].

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's 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.

The City of Elk Grove conducted AB 52 consultation in conjunction with the environmental review and adoption of the General Plan Update (GPU). The City's 2019 CEQA findings document the results of that the consultation process identified historical resources, archaeological resources, and tribal cultural resources throughout the Planning Area and that there are some resources yet to be identified. The GPU EIR considered that development activity could impact these resources if procedures are not in place to manage them if found.

This potentially significant impact would be reduced to a less than significant level by implementing mitigation measures MM 5.5.1a and MM 5.5.1b which require that future projects to complete cultural resources studies to identify cultural resources, evaluate potential effects, and develop mitigation according to CEQA and/or the National Historic Preservation Act (NHPA). the potential for encountering undiscovered cultural resources and tribal cultural resources Mitigation measure MM 5.5.1b addresses the potential for encountering undiscovered cultural resources and tribal cultural resources. These provisions are incorporated into Cultural Resource Mitigation Measures CULT-1 and CULT-2.

The Buena Vista Rancheria of Me-Wuk Indians (Buena Vista) submitted a formal request for notification under AB 52 to the EGUSD. No other tribes have requested notification from the EGUSD. Notice of the proposed project was provided to Buena Vista by letter and email on September 14, 2020. Buena Vista replied that it had no knowledge of tribal cultural resources within the project. Buena Vista did recommend that it be notified if any cultural resources are encountered during construction, which is required in the mitigation measures below. Buena Vista also recommended that Buena Vista contact the nearby Wilton Rancheria for further information. The EGUSD has contacted Wilton Rancheria but not yet received any further information related to tribal cultural resources. Additional requests for information or construction controls may be requested before the AB 52 process is complete. As of the publication of this IS/MND, the AB 52 consultation process for the project remains open.

Environmental Impacts and Mitigation Measures

a, b) Tribal Cultural Resources.

As discussed in the GPU EIR, the project has the potential to affect undiscovered Tribal Cultural Resources during development. Mitigation Measure CULT-1 will address the identified Tribal Cultural Resource concerns by notifying the Buena Vista tribe in the event that cultural resources are encountered during project construction. Implementation of the following mitigation measures would reduce potential impacts on tribal cultural resources to a less than significant level.

Mitigation Measures:

TCR-1: In the event that further AB 52 consultation results in identification of potentially significant Tribal Cultural Resources as defined in Public Resources Code Section 21074, the EGUSD shall, if the site is to be acquired and developed, define and implement mitigation that, based on substantial evidence, will reduce significant effects on such resources to a less than significant level, in accordance with the applicable requirements of AB 52 and CEQA Guidelines §15064.

TCR-2: Implement Mitigation Measure CULT-1 and CULT-3. These mitigation measures include notification of the affected Native American tribal representatives and provide opportunities for tribal inspection and monitoring of activities related to the find.

3.19 UTILITIES AND SERVICE SYSTEMS

Would the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?			✓	
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?			✓	
c) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?			✓	
d) Are sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?			✓	

e) Has the wastewater treatment provider which serves or may serve the project determined that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

f) Is the project served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

g) Comply with federal, state and local statutes and regulations related to solid waste?

		✓	
		✓	
		✓	

NARRATIVE DISCUSSION

Environmental Setting

Sacramento County Water Agency, (SCWA) would provide water service for the project site. Existing water service lines are located in Poppy Ridge Road. Wastewater services would be provided to the project site by the Sacramento Regional Wastewater Treatment plant, existing wastewater lines are located in Poppy Ridge Road and will be extended onto the site. Storm drainage collection services are also provided by the Sacramento County of Water Resources; storm drainage facilities are located off-site within the public street.

Water service in the project vicinity is provided by SCWA. The SCWA is both a retail urban water supplier and a wholesale water supplier; it provides retail water supply to the City, as well as portions of unincorporated Sacramento County and the City of Rancho Cordova. Existing water lines are in place along Poppy Ridge Road.

The SCWA created Zone 40 through Resolution No. 663 in May 1985. The purpose of Zone 40 is the acquisition, construction, maintenance, and operation of facilities for the production, conservation, transmittal, distribution, and sale of groundwater or surface water or both for the present and future beneficial use of the lands or inhabitants in the zone. The boundaries and scope of Zone 40's activities were expanded in 1999 by Resolution WA2331 and included the use of recycled water in conjunction with groundwater and surface water. The Zone 40 Water Supply Master Plan, adopted February 8, 2005, provides a plan of water management alternatives to be implemented and revised as availability and feasibility of water supply sources change in the future. The Zone 40 Groundwater Management Plan is a planning tool that assists the SCWA in maintaining a safe, sustainable, and high-quality groundwater resource for users of the groundwater basin underlying Zone 40.

Public wastewater service is provided in the urbanized portions of Sacramento County, including the City of Elk Grove, by the Sacramento Regional County Sanitation District (SRCSD) and County Sanitation District No. 1 (CSD-1). SRCSD is responsible for the regional interceptor collection system (sanitary wastewater facilities that are designed to carry flows in excess of 10 million gallons per day [mgd]), and treatment of wastewater.

CSD-1 is responsible for the local collection system, including trunks (wastewater facilities that carry flows of 1 to 10 mgd) and laterals (wastewater facilities that carry flows of less than 1 mgd). CSD-1 provides local wastewater collection and transport from its facilities to the regional wastewater transmission, treatment and disposal facilities operated by SRCSD. Administration of both agencies is overseen by the Water Quality Division of the County Public Works Agency, which provides engineering and planning services and operates and maintains district facilities. Existing wastewater lines are in place along Poppy Ridge Road.

The Sacramento County Department of Water Resources provides drainage, flood control and water supply services to various service areas of unincorporated Sacramento County and the City of Elk Grove. Storm drainage facilities are located off-site within the public street. On its incorporation in July 2000, the City of Elk Grove adopted two County codes that provide legal authority for the Stormwater Quality Improvement Program—the Stormwater Management and Discharge Control (Elk Grove Municipal Code Chapter 15.12) and the Land Grading and Erosion Control (Elk Grove Municipal Code Chapter 16.44).

Solid waste within the City of Elk Grove is typically delivered to Sacramento County's Kiefer Landfill, located at the intersection of Grant Line Road and Kiefer Boulevard. Garbage and Recycling is provided by Republic Service.

Electrical, telephone, and cable television lines are available in the project vicinity. The Sacramento Municipal Utility District (SMUD) provides electrical service to the City of Elk Grove and Pacific Gas and Electric Company (PG&E) provides natural gas service in Sacramento County. Frontier Communications (formerly Citizens Utilities) provides telephone service to the project area. Frontier serves more than 84,000 customers, including the town of Wilton and portions of the San Joaquin Delta area. Cable television service in the project area is provided by Comcast Cable. The state-regulated utilities operating these lines can extend them to the project site, if necessary.

Environmental Impacts and Mitigation Measures

a, e) Wastewater Systems.

The project would connect to existing sewer lines in the area. No new or extended sewer mains would need to be installed. The SRCSD currently has approximately 150 mgd of capacity to serve additional development. The proposed project would involve a minor increase in sewage generation. The City has indicated that there is sufficient capacity in the system to accommodate the proposed project. Project impacts on the City's wastewater system would be less than significant.

b, d) Water Systems and Supply.

The proposed project would obtain domestic water supplies from the SCWA. The Project's water demand, as part of the Zone 40 water demand, would be met by conjunctive use of groundwater and surface water. Groundwater would be pumped from

the South American Subbasin of the Central Basin as defined by the California Department of Water Resources (DWR) (2003) Bulletin 118. The estimated long-term annual sustainable yield of groundwater from the Central Basin is 273,000 acre-feet per year (AF/year). Currently, groundwater extractions are estimated to be 235,000 AF/year (excluding remediation). In addition, the SCWA, as a member of the Sacramento Central Groundwater Authority (SCGA), actively participates in the implementation of the adopted Groundwater Management Plan, which was developed to maintain a safe and sustainable groundwater resource within the Central Basin. The project would not result in the substantial depletion of groundwater supplies, and this impact would be less than significant.

c) Stormwater Systems.

The project would require the construction of storm drainage facilities to collect anticipated runoff from the project site once it is developed. These new facilities would be constructed in accordance with City specifications and would be consistent with the requirements of the Airport Gateway Storm Drainage Basin Maintenance District. The new facilities may require a connection to existing storm drainage facilities in the area. This connection would not have significant environmental impacts, as the area is substantially developed or designated for urban uses. Project impacts related to storm drainage facilities are considered less than significant.

f, g) Solid Waste Services.

The project would generate a demand for solid waste services. As indicated above, existing landfills in the County would have sufficient capacity to accommodate the amount of solid waste that would be generated by the project. The project would comply with applicable federal, state and local statutes and regulations related to solid waste. Project impacts on solid waste are considered 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 LRSP EIR (2003) did not discuss wildfires; fire discussion was mainly limited to potential fires at large hazardous material facilities. The GPU EIR (2018) noted that there are no designated Fire Hazard Severity Zones (see below) within the Planning Area. It did note that the Study Areas of the General Plan are largely vacant and undeveloped agricultural lands with scattered residential and some limited commercial uses. There is a wildland-urban interface at some locations where the boundaries of the Study Areas adjoin the City limit boundary. These areas are where wildfires could potentially occur. However, the project site is not within any of these Study Areas.

As noted in Section 3.9, Hazards, wildland fires are fires that pose a threat to the more rural areas of Sacramento County. Grass fires and peat fires are the two main types of wildland fires of concern in the County. Grass fires are an annual threat in the unincorporated area of the County, especially recreational areas such as the American River Parkway. Peat fires are unique to the Delta where peat is subject to spontaneous combustion (Sacramento County 2017a). The project site is not in the Delta, so peat fires are not an issue.

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. They also apply to Local Responsibility Areas – areas which are served by local fire protection districts or departments. The project site is not within a State Responsibility Area; the site and all the Elk Grove Planning Area are within Local Responsibility Areas. The project site is not within a Fire Hazard Severity Zone (Cal Fire 2007, 2008; City of Elk Grove 2018).

A Preliminary Endangerment Assessment (PEA) (Condor Earth 2020) prepared for the project concludes that potential future exposure to the identified contaminants constitutes a human health risk and hazard and needs to be corrected prior to the development of the site as a school. On approval of the PEA by DTSC, the District will implement a response action in the form of a Removal Action Work Plan to remove shallow contaminated soils.

Environmental Impacts and Mitigation Measures

The GPU EIR evaluated the potential impacts of General Plan development related to wildland fire hazards and determined such impacts to be less than significant with implementation of General Plan policies and applicable Fire Code regulations. Development would result in the conversion of undeveloped land to urban uses, which would remove much of the flammable vegetation. Consistent with CEQA Guidelines §15183, this potential impact need not be reconsidered. Potential project-specific air quality effects are addressed below.

a) Emergency Response Plans and Emergency Evacuation Plans.

As discussed in Section 3.9, Hazards and Hazardous Materials, emergency access to the project site is available from Poppy Ridge Road and Lousada Drive. Emergency access to the site and surroundings would be maintained at all times. Project impacts related to wildfire emergency response plans or emergency evacuation plans would be less than significant.

b) Exposure of Project Occupants to Wildfire Hazards.

As noted above, the project site is not within a designated Fire Hazard Severity Zone. Development of the project site would reduce the amount of flammable vegetation, and the project site is within an area being developed for urban uses, which would further reduce wildfire risks. Project impacts related to exposure of project occupants to wildfire hazards would be less than significant.

c) Installation and Maintenance of Infrastructure.

The project proposes the construction of a school, along with the installation of parking areas and the extension of utilities. The installation of these facilities is not expected to exacerbate the wildfire risk at the project site, as explained in b) above. The project would have no impact related to infrastructural exacerbation of wildfire hazards.

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

As noted, the project is in a urbanizing area in the Sacramento Valley. It is not located near the foothill areas, where fires could lead to increased downslope runoff, post-fire slope instability, or drainage changes. The project site and vicinity are in a valley area, so landslides or other risks from wildfires in areas of steeper slopes would not occur. Project impacts related to risks from runoff, post-fire slope instability, or drainage changes would be less than significant.

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 degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?		✓		
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 would cause substantial adverse effects on human beings, either directly or indirectly?			✓	

NARRATIVE DISCUSSION

a) Findings on Biological and Cultural Resources.

The proposed project would involve potentially significant effects on Swainson's hawk, a California Threatened species, although these effects would be reduced to a less than significant level with proposed mitigation measures. The project would not degrade or substantially reduce the habitat or involve significant effects on any other special-status fish or wildlife species, or impact any rare, threatened, or endangered plants, or eliminate important examples of the major periods of California history.

The project would involve potentially significant effects on prehistoric cultural resources. No such resources have been identified in the project area, and the sensitivity of the area is considered "low." The EGUSD has completed AB 52 notification and will conclude consultation before the project is approved. Mitigation measures in this IS/MND require a halt to construction if potential cultural or tribal cultural resources are encountered. If additional measures are required to address tribal concerns, they will be incorporated into the IS/MND. With incorporation of mitigation measures, potential cultural resource impacts will be less than significant.

b) Findings on Cumulatively Considerable Impacts.

The project would involve significant and potentially significant effects on the environment, and where potential effects are significant, this Initial Study recommends

mitigation measures that would reduce all of these effects to a less than significant level. With the implementation of mitigation measures, these potential effects would be individually less than significant. Considered together, the potential environmental effects of the project would not be cumulatively significant.

The proposed school is an integral part of planned urban development in the City of Elk Grove and would contribute to the potential environmental effects of that development. The project site is designated for school use in the Elk Grove General Plan, and the potential environmental impacts of buildout of the General Plan, including development of the proposed school, have been addressed programmatically in the GPU EIR. In most areas of environmental concern, and as documented in this Initial Study, the project would contribute to the environmental effects of planned urban development, some of which are as identified significant on a cumulative level, or in some cases significant and unavoidable. The project would not, however, result in a cumulatively considerable contribution to significant cumulative impacts in any area of concern.

c) Findings on Adverse Effects on Human Beings.

The potential adverse effects of the project on human beings are discussed throughout this document. Although some of these effects are potentially significant, proposed mitigation measures that would reduce all of these effects to a less than significant level. No other potential effects of the project would involve any substantial adverse impacts on human beings.

4.0 REFERENCES

4.1 DOCUMENT PREPARERS

This IS/MND was prepared by BaseCamp Environmental Inc. for use by Elk Grove Unified School District. The following persons were involved in preparation of the IS/MND:

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4.4 PERSONS CONSULTED

Dewitt, Alex, PG. Vice President, Environmental Services. Condor Earth.

5.0 NOTES RELATED TO EVALUATION OF ENVIRONMENTAL IMPACTS

- 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 Analyses 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) The checklist in CEQA Guidelines Appendix G 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

AIR QUALITY MODELING RESULTS

Laguna Ridge Elementary School - Sacramento County, Annual

Laguna Ridge Elementary School

Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	1,150.00	Student	2.21	96,143.88	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2024
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MWhr)	590.31	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Anticipated construction schedule.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	220.00	200.00
tblConstructionPhase	NumDays	6.00	5.00
tblConstructionPhase	NumDays	3.00	5.00

2.0 Emissions Summary

Laguna Ridge Elementary School - Sacramento County, Annual

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	0.1974	1.6286	1.5253	3.0500e-003	0.0464	0.0719	0.1183	0.0107	0.0686	0.0793	0.0000	260.8162	260.8162	0.0449	0.0000	261.9396
2023	0.3632	0.2749	0.3013	5.8000e-004	6.6500e-003	0.0118	0.0184	1.8000e-003	0.0112	0.0130	0.0000	49.8378	49.8378	8.8000e-003	0.0000	50.0578
Maximum	0.3632	1.6286	1.5253	3.0500e-003	0.0464	0.0719	0.1183	0.0107	0.0686	0.0793	0.0000	260.8162	260.8162	0.0449	0.0000	261.9396

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	0.1974	1.6062	1.5253	3.0500e-003	0.0397	0.0719	0.1116	9.9000e-003	0.0686	0.0785	0.0000	260.8159	260.8159	0.0449	0.0000	261.9394
2023	0.3632	0.2749	0.3013	5.8000e-004	6.6500e-003	0.0118	0.0184	1.8000e-003	0.0112	0.0130	0.0000	49.8377	49.8377	8.8000e-003	0.0000	50.0578
Maximum	0.3632	1.6062	1.5253	3.0500e-003	0.0397	0.0719	0.1116	9.9000e-003	0.0686	0.0785	0.0000	260.8159	260.8159	0.0449	0.0000	261.9394

	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	1.17	0.00	0.00	12.60	0.00	4.89	6.10	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00

Laguna Ridge Elementary School - Sacramento County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2022	6-30-2022	0.6316	0.6093
2	7-1-2022	9-30-2022	0.5999	0.5999
3	10-1-2022	12-31-2022	0.6009	0.6009
4	1-1-2023	3-31-2023	0.6323	0.6323
		Highest	0.6323	0.6323

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	0.4214	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0285	0.0285	7.0000e-005	0.0000	0.0304
Energy	7.9100e-003	0.0719	0.0604	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003	0.0000	266.7354	266.7354	0.0108	3.3500e-003	268.0029
Mobile	0.2502	1.0145	2.7007	9.0400e-003	0.8305	7.1800e-003	0.8376	0.2226	6.6900e-003	0.2293	0.0000	832.8580	832.8580	0.0376	0.0000	833.7975
Waste						0.0000	0.0000		0.0000	0.0000	42.6037	0.0000	42.6037	2.5178	0.0000	105.5490
Water						0.0000	0.0000		0.0000	0.0000	0.9864	10.4378	11.4241	3.9100e-003	2.2500e-003	12.1926
Total	0.6795	1.0865	2.7758	9.4700e-003	0.8305	0.0127	0.8432	0.2226	0.0122	0.2348	43.5901	1,110.0597	1,153.6498	2.5701	5.6000e-003	1,219.5723

Laguna Ridge Elementary School - Sacramento County, Annual

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	0.4214	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0285	0.0285	7.0000e-005	0.0000	0.0304
Energy	7.9100e-003	0.0719	0.0604	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003	0.0000	266.7354	266.7354	0.0108	3.3500e-003	268.0029
Mobile	0.2512	1.0205	2.7263	9.1500e-003	0.8412	7.2600e-003	0.8484	0.2254	6.7600e-003	0.2322	0.0000	842.7855	842.7855	0.0379	0.0000	843.7342
Waste						0.0000	0.0000		0.0000	0.0000	10.6509	0.0000	10.6509	0.6295	0.0000	26.3872
Water						0.0000	0.0000		0.0000	0.0000	0.7891	8.3502	9.1393	3.1300e-003	1.8000e-003	9.7541
Total	0.6805	1.0925	2.8014	9.5800e-003	0.8412	0.0128	0.8539	0.2254	0.0123	0.2377	11.4400	1,117.8997	1,129.3397	0.6814	5.1500e-003	1,147.9088

	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	-0.15	-0.55	-0.92	-1.16	-1.29	-0.63	-1.28	-1.29	-0.57	-1.25	73.76	-0.71	2.11	73.49	8.04	5.88

3.0 Construction Detail**Construction Phase**

Laguna Ridge Elementary School - Sacramento County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/28/2022	5	20	
2	Site Preparation	Site Preparation	4/29/2022	5/5/2022	5	5	
3	Grading	Grading	5/3/2022	5/9/2022	5	5	
4	Building Construction	Building Construction	5/7/2022	2/10/2023	5	200	
5	Paving	Paving	2/11/2023	2/24/2023	5	10	
6	Architectural Coating	Architectural Coating	2/25/2023	3/10/2023	5	10	

Acres of Grading (Site Preparation Phase): 10

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 106,594; Non-Residential Outdoor: 35,531; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Laguna Ridge Elementary School - Sacramento County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Laguna Ridge Elementary School - Sacramento County, Annual

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
Architectural Coating	1	8.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	40.00	16.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	5	13.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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					1.5400e-003	0.0000	1.5400e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120
Total	0.0169	0.1662	0.1396	2.4000e-004	1.5400e-003	8.3800e-003	9.9200e-003	2.3000e-004	7.8300e-003	8.0600e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120

Laguna Ridge Elementary School - Sacramento County, Annual

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	4.2000e-004	2.6000e-004	3.0200e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.7879	0.7879	2.0000e-005	0.0000	0.7884
Total	4.2000e-004	2.6000e-004	3.0200e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.7879	0.7879	2.0000e-005	0.0000	0.7884

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					6.9000e-004	0.0000	6.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119
Total	0.0169	0.1662	0.1396	2.4000e-004	6.9000e-004	8.3800e-003	9.0700e-003	1.0000e-004	7.8300e-003	7.9300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119

Laguna Ridge Elementary School - Sacramento County, Annual

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	4.2000e-004	2.6000e-004	3.0200e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.7879	0.7879	2.0000e-005	0.0000	0.7884
Total	4.2000e-004	2.6000e-004	3.0200e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.7879	0.7879	2.0000e-005	0.0000	0.7884

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					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4500e-003	0.0392	0.0251	6.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	5.3868	5.3868	1.7400e-003	0.0000	5.4303
Total	3.4500e-003	0.0392	0.0251	6.0000e-005	5.3000e-003	1.4900e-003	6.7900e-003	5.7000e-004	1.3700e-003	1.9400e-003	0.0000	5.3868	5.3868	1.7400e-003	0.0000	5.4303

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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	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1212	0.1212	0.0000	0.0000	0.1213
Total	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1212	0.1212	0.0000	0.0000	0.1213

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					2.3900e-003	0.0000	2.3900e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4500e-003	0.0168	0.0251	6.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	5.3868	5.3868	1.7400e-003	0.0000	5.4303
Total	3.4500e-003	0.0168	0.0251	6.0000e-005	2.3900e-003	1.4900e-003	3.8800e-003	2.6000e-004	1.3700e-003	1.6300e-003	0.0000	5.3868	5.3868	1.7400e-003	0.0000	5.4303

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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	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1212	0.1212	0.0000	0.0000	0.1213
Total	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1212	0.1212	0.0000	0.0000	0.1213

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					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8500e-003	0.0425	0.0231	5.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	4.5257	4.5257	1.4600e-003	0.0000	4.5623
Total	3.8500e-003	0.0425	0.0231	5.0000e-005	5.3000e-003	1.8600e-003	7.1600e-003	5.7000e-004	1.7100e-003	2.2800e-003	0.0000	4.5257	4.5257	1.4600e-003	0.0000	4.5623

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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	8.0000e-005	5.0000e-005	5.8000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1515	0.1515	0.0000	0.0000	0.1516
Total	8.0000e-005	5.0000e-005	5.8000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1515	0.1515	0.0000	0.0000	0.1516

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					2.3900e-003	0.0000	2.3900e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8500e-003	0.0425	0.0231	5.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	4.5257	4.5257	1.4600e-003	0.0000	4.5623
Total	3.8500e-003	0.0425	0.0231	5.0000e-005	2.3900e-003	1.8600e-003	4.2500e-003	2.6000e-004	1.7100e-003	1.9700e-003	0.0000	4.5257	4.5257	1.4600e-003	0.0000	4.5623

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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	8.0000e-005	5.0000e-005	5.8000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1515	0.1515	0.0000	0.0000	0.1516
Total	8.0000e-005	5.0000e-005	5.8000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1515	0.1515	0.0000	0.0000	0.1516

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	0.1577	1.2413	1.2200	2.1300e-003		0.0597	0.0597		0.0572	0.0572	0.0000	176.5281	176.5281	0.0341	0.0000	177.3795
Total	0.1577	1.2413	1.2200	2.1300e-003		0.0597	0.0597		0.0572	0.0572	0.0000	176.5281	176.5281	0.0341	0.0000	177.3795

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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	3.9700e-003	0.1321	0.0343	3.3000e-004	7.9500e-003	3.4000e-004	8.2900e-003	2.3000e-003	3.2000e-004	2.6200e-003	0.0000	31.6312	31.6312	1.7700e-003	0.0000	31.6755
Worker	0.0110	6.9200e-003	0.0791	2.3000e-004	0.0250	1.7000e-004	0.0251	6.6400e-003	1.6000e-004	6.8000e-003	0.0000	20.6062	20.6062	5.0000e-004	0.0000	20.6188
Total	0.0150	0.1390	0.1134	5.6000e-004	0.0329	5.1000e-004	0.0334	8.9400e-003	4.8000e-004	9.4200e-003	0.0000	52.2373	52.2373	2.2700e-003	0.0000	52.2943

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	0.1577	1.2413	1.2200	2.1300e-003		0.0597	0.0597		0.0572	0.0572	0.0000	176.5279	176.5279	0.0341	0.0000	177.3793
Total	0.1577	1.2413	1.2200	2.1300e-003		0.0597	0.0597		0.0572	0.0572	0.0000	176.5279	176.5279	0.0341	0.0000	177.3793

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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	3.9700e-003	0.1321	0.0343	3.3000e-004	7.9500e-003	3.4000e-004	8.2900e-003	2.3000e-003	3.2000e-004	2.6200e-003	0.0000	31.6312	31.6312	1.7700e-003	0.0000	31.6755
Worker	0.0110	6.9200e-003	0.0791	2.3000e-004	0.0250	1.7000e-004	0.0251	6.6400e-003	1.6000e-004	6.8000e-003	0.0000	20.6062	20.6062	5.0000e-004	0.0000	20.6188
Total	0.0150	0.1390	0.1134	5.6000e-004	0.0329	5.1000e-004	0.0334	8.9400e-003	4.8000e-004	9.4200e-003	0.0000	52.2373	52.2373	2.2700e-003	0.0000	52.2943

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	0.0257	0.2044	0.2132	3.8000e-004		9.2000e-003	9.2000e-003		8.8200e-003	8.8200e-003	0.0000	31.1553	31.1553	5.8900e-003	0.0000	31.3026
Total	0.0257	0.2044	0.2132	3.8000e-004		9.2000e-003	9.2000e-003		8.8200e-003	8.8200e-003	0.0000	31.1553	31.1553	5.8900e-003	0.0000	31.3026

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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	5.5000e-004	0.0197	5.3500e-003	6.0000e-005	1.4000e-003	3.0000e-005	1.4300e-003	4.1000e-004	3.0000e-005	4.3000e-004	0.0000	5.4788	5.4788	2.8000e-004	0.0000	5.4858
Worker	1.8200e-003	1.1000e-003	0.0128	4.0000e-005	4.4100e-003	3.0000e-005	4.4400e-003	1.1700e-003	3.0000e-005	1.2000e-003	0.0000	3.4998	3.4998	8.0000e-005	0.0000	3.5018
Total	2.3700e-003	0.0208	0.0182	1.0000e-004	5.8100e-003	6.0000e-005	5.8700e-003	1.5800e-003	6.0000e-005	1.6300e-003	0.0000	8.9786	8.9786	3.6000e-004	0.0000	8.9876

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	0.0257	0.2044	0.2132	3.8000e-004		9.2000e-003	9.2000e-003		8.8200e-003	8.8200e-003	0.0000	31.1553	31.1553	5.8900e-003	0.0000	31.3026
Total	0.0257	0.2044	0.2132	3.8000e-004		9.2000e-003	9.2000e-003		8.8200e-003	8.8200e-003	0.0000	31.1553	31.1553	5.8900e-003	0.0000	31.3026

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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	5.5000e-004	0.0197	5.3500e-003	6.0000e-005	1.4000e-003	3.0000e-005	1.4300e-003	4.1000e-004	3.0000e-005	4.3000e-004	0.0000	5.4788	5.4788	2.8000e-004	0.0000	5.4858
Worker	1.8200e-003	1.1000e-003	0.0128	4.0000e-005	4.4100e-003	3.0000e-005	4.4400e-003	1.1700e-003	3.0000e-005	1.2000e-003	0.0000	3.4998	3.4998	8.0000e-005	0.0000	3.5018
Total	2.3700e-003	0.0208	0.0182	1.0000e-004	5.8100e-003	6.0000e-005	5.8700e-003	1.5800e-003	6.0000e-005	1.6300e-003	0.0000	8.9786	8.9786	3.6000e-004	0.0000	8.9876

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	4.4000e-003	0.0431	0.0584	9.0000e-005		2.1700e-003	2.1700e-003		2.0000e-003	2.0000e-003	0.0000	7.7564	7.7564	2.4600e-003	0.0000	7.8179
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.4000e-003	0.0431	0.0584	9.0000e-005		2.1700e-003	2.1700e-003		2.0000e-003	2.0000e-003	0.0000	7.7564	7.7564	2.4600e-003	0.0000	7.8179

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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	2.3000e-004	1.4000e-004	1.6000e-003	0.0000	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4375	0.4375	1.0000e-005	0.0000	0.4377
Total	2.3000e-004	1.4000e-004	1.6000e-003	0.0000	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4375	0.4375	1.0000e-005	0.0000	0.4377

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	4.4000e-003	0.0431	0.0584	9.0000e-005		2.1700e-003	2.1700e-003		2.0000e-003	2.0000e-003	0.0000	7.7564	7.7564	2.4600e-003	0.0000	7.8178
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.4000e-003	0.0431	0.0584	9.0000e-005		2.1700e-003	2.1700e-003		2.0000e-003	2.0000e-003	0.0000	7.7564	7.7564	2.4600e-003	0.0000	7.8178

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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	2.3000e-004	1.4000e-004	1.6000e-003	0.0000	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4375	0.4375	1.0000e-005	0.0000	0.4377
Total	2.3000e-004	1.4000e-004	1.6000e-003	0.0000	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4375	0.4375	1.0000e-005	0.0000	0.4377

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	0.3294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6000e-004	6.5100e-003	9.0600e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	1.2766	1.2766	8.0000e-005	0.0000	1.2785
Total	0.3303	6.5100e-003	9.0600e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	1.2766	1.2766	8.0000e-005	0.0000	1.2785

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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	1.2000e-004	7.0000e-005	8.5000e-004	0.0000	2.9000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2333	0.2333	1.0000e-005	0.0000	0.2335
Total	1.2000e-004	7.0000e-005	8.5000e-004	0.0000	2.9000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2333	0.2333	1.0000e-005	0.0000	0.2335

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	0.3294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6000e-004	6.5100e-003	9.0600e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	1.2766	1.2766	8.0000e-005	0.0000	1.2785
Total	0.3303	6.5100e-003	9.0600e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	1.2766	1.2766	8.0000e-005	0.0000	1.2785

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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	1.2000e-004	7.0000e-005	8.5000e-004	0.0000	2.9000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2333	0.2333	1.0000e-005	0.0000	0.2335
Total	1.2000e-004	7.0000e-005	8.5000e-004	0.0000	2.9000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2333	0.2333	1.0000e-005	0.0000	0.2335

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Increase Diversity

Improve Pedestrian Network

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	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	0.2512	1.0205	2.7263	9.1500e-003	0.8412	7.2600e-003	0.8484	0.2254	6.7600e-003	0.2322	0.0000	842.7855	842.7855	0.0379	0.0000	843.7342
Unmitigated	0.2502	1.0145	2.7007	9.0400e-003	0.8305	7.1800e-003	0.8376	0.2226	6.6900e-003	0.2293	0.0000	832.8580	832.8580	0.0376	0.0000	833.7975

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	1,483.50	0.00	0.00	2,228,271	2,257,002
Total	1,483.50	0.00	0.00	2,228,271	2,257,002

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
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.566033	0.037143	0.208217	0.113428	0.016713	0.004955	0.018463	0.024036	0.001978	0.001883	0.005758	0.000618	0.000776

5.0 Energy Detail

Historical Energy Use: N

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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	188.4424	188.4424	9.2600e-003	1.9200e-003	189.2446
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	188.4424	188.4424	9.2600e-003	1.9200e-003	189.2446
NaturalGas Mitigated	7.9100e-003	0.0719	0.0604	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003	0.0000	78.2930	78.2930	1.5000e-003	1.4400e-003	78.7583
NaturalGas Unmitigated	7.9100e-003	0.0719	0.0604	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003	0.0000	78.2930	78.2930	1.5000e-003	1.4400e-003	78.7583

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					
Elementary School	1.46716e+006	7.9100e-003	0.0719	0.0604	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003	0.0000	78.2930	78.2930	1.5000e-003	1.4400e-003	78.7583
Total		7.9100e-003	0.0719	0.0604	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003	0.0000	78.2930	78.2930	1.5000e-003	1.4400e-003	78.7583

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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	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	1.46716e+006	7.9100e-003	0.0719	0.0604	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003	0.0000	78.2930	78.2930	1.5000e-003	1.4400e-003	78.7583
Total		7.9100e-003	0.0719	0.0604	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003	0.0000	78.2930	78.2930	1.5000e-003	1.4400e-003	78.7583

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	703773	188.4424	9.2600e-003	1.9200e-003	189.2446
Total		188.4424	9.2600e-003	1.9200e-003	189.2446

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	703773	188.4424	9.2600e-003	1.9200e-003	189.2446
Total		188.4424	9.2600e-003	1.9200e-003	189.2446

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	0.4214	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0285	0.0285	7.0000e-005	0.0000	0.0304
Unmitigated	0.4214	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0285	0.0285	7.0000e-005	0.0000	0.0304

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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	0.0446					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3755					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.3500e-003	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0285	0.0285	7.0000e-005	0.0000	0.0304
Total	0.4214	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0285	0.0285	7.0000e-005	0.0000	0.0304

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	0.0446					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3755					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.3500e-003	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0285	0.0285	7.0000e-005	0.0000	0.0304
Total	0.4214	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0285	0.0285	7.0000e-005	0.0000	0.0304

7.0 Water Detail

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7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	9.1393	3.1300e-003	1.8000e-003	9.7541
Unmitigated	11.4241	3.9100e-003	2.2500e-003	12.1926

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	2.78788 / 7.16882	11.4241	3.9100e-003	2.2500e-003	12.1926
Total		11.4241	3.9100e-003	2.2500e-003	12.1926

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	2.2303 / 5.73506	9.1393	3.1300e-003	1.8000e-003	9.7541
Total		9.1393	3.1300e-003	1.8000e-003	9.7541

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.6509	0.6295	0.0000	26.3872
Unmitigated	42.6037	2.5178	0.0000	105.5490

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	209.88	42.6037	2.5178	0.0000	105.5490
Total		42.6037	2.5178	0.0000	105.5490

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8.2 Waste by Land Use**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	52.47	10.6509	0.6295	0.0000	26.3872
Total		10.6509	0.6295	0.0000	26.3872

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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APPENDIX B
CULTURAL RESOURCES AND RECORD SEARCH



5/26/2020

NCIC File No.: SAC-20-80

Emily Kelso
BaseCamp Environmental, Inc.
115 S. School St., Suite 14
Lodi, CA 95240

Records Search Results for
Laguna Ridge East Elementary School (8551 Poppy Ridge Road, Elk Grove, CA 95757)

Emily Kelso:

Per your request received by our office on 5/26/2020, a complete records search was conducted by searching California Historic Resources Information System (CHRIS) maps for cultural resource site records and survey reports in Sacramento County within a 1/4-mile radius of the proposed project area.

Review of this information indicates that the proposed project area contains zero (0) recorded prehistoric-period resource(s) and two (2) recorded historic-period cultural resource(s). Additionally, zero (0) cultural resources study reports on file at this office cover a portion of the proposed project area.

Outside the proposed project area, but within the 1/4-mile radius, the broader search area contains zero (0) recorded prehistoric-period resource(s) and five (5) recorded historic-period cultural resource(s). Additionally, six (6) cultural resources study reports on file at this office cover a portion of the broader search area.

In this part of Sacramento County, archaeologists locate prehistoric-period habitation sites on elevated landforms near streams (Moratto 1984:173). This region is known as the ethnographic-period territory of the Plains Miwok. The Plains Miwok inhabited the lower reaches of the Mokelumne and Cosumnes River and both banks of the Sacramento River from Rio Vista to Freeport (Wilson and Towne 1978:398). The proposed project search area is situated in the Sacramento Valley about 1.2 miles southwest of Elk Grove Creek. Given the extent of known cultural resources and the environmental setting, there is low potential for locating prehistoric-period cultural resources in the immediate vicinity of the proposed project area.

Within the search area, the 1855 GLO plat of T6N, R5E shows evidence of a nineteenth-century road in the vicinity. The 1941 Franklin 15' USGS topographical map shows evidence of twentieth-century buildings within the parcel. Given the extent of known cultural resources and patterns of local history, there is high potential for locating historic-period cultural resources in the immediate vicinity of the proposed project area.

SENSITIVITY STATEMENT:

- 1) With respect to cultural resources, it appears that the proposed project area **is sensitive**.
- 2) Should the lead agency/authority require a cultural resources survey, a list of qualified local consultants can be found at <http://chrisinfo.org>.
- 3) If cultural resources are encountered during the project, avoid altering the materials and their context until a qualified cultural resources professional has evaluated the project area. Project personnel should not collect cultural resources. Prehistoric-period resources include: chert or obsidian flakes, projectile points, and other flaked-stone artifacts; mortars, grinding slicks, pestles, and other groundstone tools; and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic-period resources include: stone or adobe foundations or walls; structures and remains with square nails; mine shafts, tailings, or ditches/flumes; and refuse deposits or bottle dumps, often located in old wells or privies.
- 4) Identified cultural resources should be recorded on DPR 523 (A-J) historic resource recordation forms, available at http://ohp.parks.ca.gov/?page_id=1069.
- 5) Review for possible historic-period cultural resources has included only those sources listed in the referenced literature and should not be considered comprehensive. The Office of Historic Preservation has determined that buildings, structures, and objects 45 years or older may be of historical value. If the area of potential effect contains such properties not noted in our research, they should be assessed by an architectural historian before commencement of project activities.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the California Historical Resources Information System (CHRIS) Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

The California Office of Historic Preservation (OHP) contracts with the California Historical Resources Information System's (CHRIS) regional Information Centers (ICs) to maintain information in the CHRIS inventory and make it available to local, state, and federal agencies, cultural resource professionals, Native American tribes, researchers, and the public. Recommendations made by IC coordinators or their staff regarding the interpretation and application of this information are advisory only. Such recommendations do not necessarily represent the evaluation or opinion of the State Historic Preservation Officer in carrying out the OHP's regulatory authority under federal and state law.

Thank you for using our services. Please contact North Central Information Center at (916) 278-6217 if you have any questions about this record search. An invoice is enclosed.

Sincerely,

Paul Rendes, Coordinator
North Central Information Center



EVANS & DE SHAZO

ARCHAEOLOGY HISTORIC PRESERVATION

HISTORIC RESOURCE EVALUATION FOR THE PROPERTY AT 8551 POPPY RIDGE ROAD, ELK GROVE, SACRAMENTO 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

October 22, 2020

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INTRODUCTION

Evans & De Shazo, Inc. (EDS) completed a Historic Resource Evaluation (HRE) of the property located at 8551 Poppy Ridge Road, Elk Grove, Sacramento County that includes an 18.43-acre property with the Assessor's Parcel Number (APN) 132-0290-052 (Project Area). The Project Area consists of a ca. 1920 house, a ca. 1920 shed building, a ca. 1920 well house, and associated landscape (Property). The proposed project includes the demolition of the built environment resources within the Project Area and the construction of a new Elk Grove Unified School District (EGUSD) elementary school, tentatively named "Laguna Ridge East School" (Project). In accordance with the California Environmental Quality Act (CEQA) regulations, the EGUSD requested an HRE to assess the historical significance of the built environment resources, at least 45 years in age, within the Project Area to determine the property's eligibility for listing on the California Register of Historical Resources (CRHR), and to address potential impacts to Historical Resources, if warranted.

The following HRE is based on specific guidelines and evaluation criteria of the CRHR (14 CCR §15064.5 and PRC§ 21084.1). The HRE was completed by EDS Principal Architectural Historian, Stacey De Shazo, M.A., who exceeds the Secretary of Interior's qualification standards in Architectural History and History. The results of the HRE are presented herein.

PROJECT AREA LOCATION

The Project Area includes the 18.43 -acre parcel (APN 132-0290-052) at 8551 Poppy Ridge Road, in the City of Elk Grove, Sacramento County, California (Figure 1). The Project Area is located on the corner of Poppy Ridge Road and Lousada Drive and is approximately 3.5 miles southwest of downtown Elk Grove.

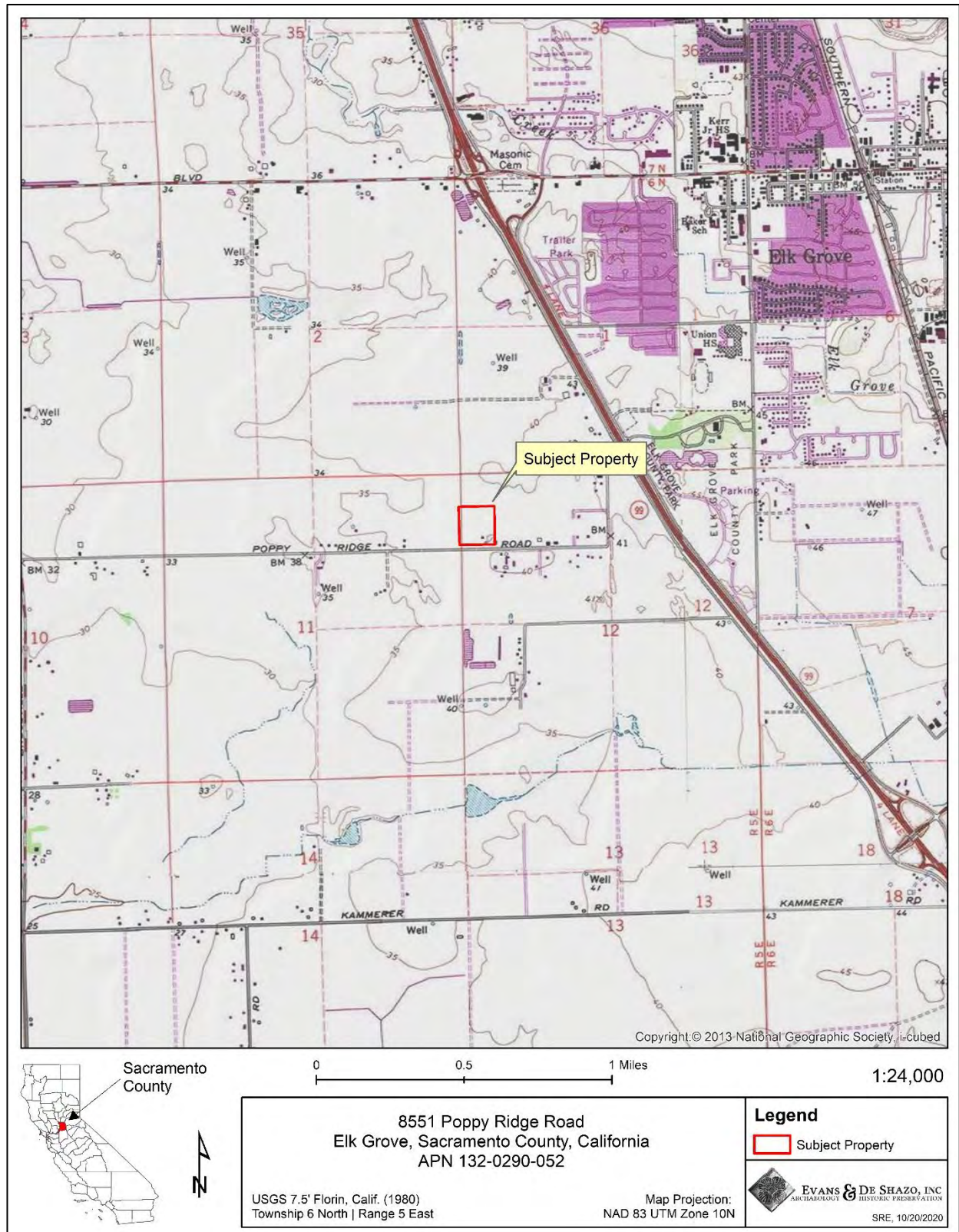


Figure 1. Project Area location map.



REGULATORY SETTING

CALIFORNIA ENVIRONMENTAL QUALITY ACT

CEQA and the Guidelines for Implementing CEQA (State CEQA Guidelines, Section 15064.5) give direction and guidance for evaluation of properties and the preparation of Initial Studies, Categorical Exemptions, Negative Declarations and Environmental Impact Reports. Pursuant to California State law, the EGUSD is legally responsible and accountable for determining the environmental impact of any land use proposal it approves. Cultural resources are aspects of the environment that require identification and assessment for potential significance under CEQA (14 CCR 15064.5 and PRC 21084.1). There are five classes of cultural resources defined by the Office of Historic Preservation (OHP). These are:

- **Building:** A structure created principally to shelter or assist in carrying out any form of human activity. A “building” may also be used to refer to a historically and functionally related unit, such as a courthouse and jail or a house and barn.
- **Structure:** A construction made for a functional purpose rather than creating human shelter. Examples include mines, bridges, and tunnels.
- **Object:** Construction primarily artistic in nature or relatively small in scale and simply constructed. It may be movable by nature or design or made for a specific setting or environment. Objects should be in a setting appropriate to their significant historic use or character. Examples include fountains, monuments, maritime resources, sculptures, and boundary markers.
- **Site:** The location of a significant event. A prehistoric or historic occupation or activity, or a building or structure, whether standing, ruined, or vanished, where the location itself possesses historic, cultural, or archaeological value regardless of the value of any existing building, structure, or object. A site need not be marked by physical remains if it is the location of a prehistoric or historic event and if no buildings, structures, or objects marked it at that time. Examples include trails, designed landscapes, battlefields, habitation sites, Native American ceremonial areas, petroglyphs, and pictographs.
- **Historic District:** Unified geographic entities which contain a concentration of historic buildings, structures, or sites united historically, culturally, or architecturally.

Historical Resources

According to California Code of Regulations Section 15064.5, cultural resources are historically significant if they are:

- Listed in, or eligible for listing in the CRHR (Public Resources Code 5024.1, Title 14 CCR, Section 4850 et. seq.);
- Listed in, or eligible for listing in, the National Register of Historic Places (NRHP);
- Included in a local register of historical resources, as defined in an historical resource survey meeting the requirements of Section 5024.1(g) of the Public Resource Code; or



- Any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California, provided the lead agency's determination is supported by substantial evidence in-light of the whole record.

California Register of Historical Resources

A resource may be listed as an historical resource in the CRHR if it has integrity and meets any of the following criteria:

1. Associated with events that have made a significant contribution to the broad patterns of local or regional history or the cultural heritage of California or the United States (U.S.);
2. Associated with the lives of persons important to local, California or national history;
3. Embodies the distinctive characteristics of a type, period, region, or method of construction or represents the work of a master or possesses high artistic values; or
4. Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

Buildings, sites, structures, objects, and districts representative of California and U.S. history, architecture, archaeology, engineering, and culture convey significance when they also possess integrity of location, design, setting, materials, workmanship, feeling, and association. A resource has integrity if it retains the characteristics that were present during the resource's period of significance. Enough of these characteristics must remain to convey the reasons for its significance.

METHODS

The methods used to complete the HRE included a review of documents provided by BaseCamp Environmental, Inc. (client), including a previous record search conducted at the North Central Information Center (NCIC) on May 26, 2020¹ that includes previous cultural resource studies and resource records pertaining to the Project Area and the immediate surrounding properties, a review of the Draft Initial Study for the Project,² and a title report of the subject property (APN 132-0290-052). EDS also conducted online research of various local and state repositories to obtain and review documents and digital files related the history of the Project Area and the surrounding area.³ EDS also reviewed documents on file at the EDS office, including historic maps, Sanborn Fire Insurance maps, historic aerial photographs, and the cultural resource inventories listed in the section below. The purpose of the research was to assist EDS in the understanding of the history of the Project Area related to the built environment resources, at least 45 years in age, within the Project Area and to assist in the development a historic context in which to evaluate the historic

¹ NCIC File No: SAC-20-80.

² Sections of the Draft Initial Study pertaining to cultural resources within the Project Area.

³ Due to COVID-19 orders, EDS research was limited to documentation available online or provided by research facilities via electronic methods such as email.



significance of the built environment resources. EDS Principal Architectural Historian Stacey De Shazo, M.A. also conducted an architectural survey of the Project Area to identify the age, any architectural style, character-defining features, materials, and alterations of the built environment resources within the Project Area. Department of Parks and Recreation (DPR) 523 forms were completed for the property and are attached to this report as 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 Built Environment Resource Directory (BERD) for Sacramento County (2020)

Online Research

As part of the online research, the following online sources were utilized:

- 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
- <https://elkgrovehistoricalsociety.com/> Elk Grove Historical Society

The results of the research are within the Historic Setting section of this report.

HISTORIC SETTING

The following historic setting includes a brief history of City of Elk Grove and the surrounding area, as well as the specific history of the Project Area. The historic setting serves as the context within which the built environment, at least 45 years in age, within the Project Area were assessed for historical significance.

MEXICAN PERIOD (1821 – 1848)

In 1821, Mexico declared its independence from Spain and took possession of “Alta California”⁴ 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

⁴ 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.



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, and spirits, as well as a variety of manufactured goods soon 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 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 also permitting foreigners to settle 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 this time, the Project Area was located outside any known rancho land grant boundaries, with the nearest rancho located approximately 6.5 miles north that consisted of a 35,508-acre land grant known as *Rancho Sanjon de los Moquelumnes*.

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 Mexican 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.⁵ ⁶ During the Gold Rush, miners and other travelers used the Monterey Trail, which was a route from Sutter's Fort to San Jose. Later a portion of this trail that passed through present-day Elk Grove became known as the Upper Stockton and Lower Stockton roads. During this time, the Gold Rush jump-started growth all over the region, particularly in nearby Sacramento and Stockton, as miners were in need of supplies including food, shelter, and equipment to support their mining efforts. As such, many settlers planted crops, and set-up camps and hotels along these routes for miners, and others gave up on mining entirely and settled in the area.

During this time, the Project Area was not located within any former rancho land; however, in 1850, land that was not within ranchos was opened up by the U.S. government for homesteaders through the Public Lands

⁵ 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.

⁶ Commodore Stockton was also responsible for driving the Mexican forces out of California during the Mexican-American War.



Survey System (PLSS).⁷

HISTORY OF ELK GROVE (1850 – 1970s)

In 1850, California was admitted to the Union and this same year the village of Elk Grove got its start due to its proximity to several established travel routes that served miners and other travelers making their way to and from the gold mines in the Sierra Nevada foothills when, in 1850, James and Sarah Hall constructed the first building in what would soon become Elk Grove. The building was a stage coach stop and hotel known as the “Elk Grove House” (Figure 2), constructed along a well-established travel route known at this time as Upper Stockton Road (formerly the Monterey Trail; present-day California State Route 99 and Elk Grove Boulevard), which was the main travel route between the cities of Sacramento and Stockton. The Elk Grove Hotel included 13 rooms and three bathrooms.⁸ According to the Elk Grove Historical Society, James named the new village Elk Grove after the tule elk that grazed in a nearby grove of oak trees;⁹ however, another account of the naming of the town states it was named after James hometown of Elk Grove, Missouri.¹⁰ During this time, several houses and businesses were constructed near the Elk Grove House, but it remained a sparsely populated area with large cattle ranches and wheat farms. Among the most important early agriculturalists were the brothers Joseph Kerr (1824-1895) and George Harvey Kerr (1829-1898), who arrived in 1852, and purchased 320-acres of land, including much of current downtown Elk Grove. The Kerr brothers divided their land into two parcels, bisected by what is today Elk Grove Boulevard. The Kerr brothers were fruit-growers, vineyardists, and manufacturers who had a lasting legacy in the development of Elk Grove’s agriculture, including pioneering the California walnut industry when Joseph grafted English walnuts onto local black walnut stock.¹¹ In 1859, James and Sarah sold the Elk Grove House to Francis “Frank” Graham, who also owned at least 2,500 additional acres of land throughout the area near Elk Grove, including the land where the Project Area is located.¹²

During 1860s, the small village of Elk Grove slowly developed with most of the businesses and houses located along the Upper Stockton Road near the Elk Grove House. By the late 1860s, word spread of the construction of the first railroad line and train depot in Elk Grove; however, the planned location of the new rail line was one-mile north of the area where the small town had developed around the Elk Grove House.

Elizabeth Pinkerton wrote in “History Happened Here”,

⁷ The PLSS is the surveying method developed and used in the U.S. to plat, or divide, real property for sale and settling. Also known as the Rectangular Survey System.

⁸ Although the original 1850 stage coach stop and hotel building is no longer extant (demolished in 1957), the building was reconstructed by the Elk Grove Historical Society, near the same location of the original building. The work was completed in 2000.

⁹ Elk Grove Historical Society, “History, Historic Buildings in Heritage Park”, accessed October 10, 2020, <https://elkgrovehistoricalsociety.com/historic-buildings-in-heritage-park/>

¹⁰ Historic American Building Survey, Nunes Dairy, HABS-No. CA-2713, May 2020.

¹¹ Page and Turnbull, “Elk Grove Historic Context Statement and Survey Report”, City of Elk Grove, 2020; p. 46.

¹² Elk Grove Historical Society, “History, Historic Buildings in Heritage Park”, accessed October 10, 2020, <https://elkgrovehistoricalsociety.com/historic-buildings-in-heritage-park/>



“In 1868, the Central Pacific Railroad finished its line from Sacramento to Stockton and on to San Francisco. Unfortunately, whether by design or by neglect, the shiny new tracks missed the settlement of Elk Grove, that was north of its original location, at the intersection of Elk Grove Boulevard and Highway 99. The railroad did not miss Elk Grove by that much, but a mile is a mile, and there was no way that having tracks a mile away was going to make a town the picture of prosperity.”¹³

In 1868, the Central Pacific Railroad (CPRR) constructed the railroad line and the Elk Grove Depot in the planned location one mile north of the town of Elk Grove. Locals realized the importance of being near the Elk Grove Depot, and soon several small businesses located near the original Elk Grove town site moved to their new location near the Elk Grove Depot and the railroad line. During this time, Elk Grove was one of three towns in Sacramento County, including Florin and Galt, which developed along the CPRR right-of-way south of the City of Sacramento, and although Elk Grove was first settled in the 1850s, the new railroad line spurred the growth of the town of Elk Grove in its new location where new business and residences were constructed near the depot along what became Main Street (later Elk Grove Boulevard).¹⁴

By the late 1870s, the new business district was growing, and leading this effort was local farmer, Julius Everson, who was instrumental in creating a business association that could pool the resources of the local community to ensure the success of the small town in its new location. Everson suggested the idea of forming a building association, which was known as the Elk Grove Building Company that would help support development of land called “Elk Grove Station”. Elk Grove Station was located west of the CPRR tracks and included 23 surveyed lots that were typically 40’ x 160’ or 80’ x 160’, as well as small 20’ wide alleys, and 22 lots east of the railroad tracks that were typically 70’ or 80’ wide and 165’ deep with no alleys.¹⁵ One of the first lots developed was a choice lot on the northeast corner of present-day Main Street and First Avenue owned by the Elk Grove Building Company, and the lot across the street was owned by J. Andrews, who was also an agent for Wells Fargo and the Telegraph Company.

By the early 1880s, Main Street in Elk Grove consisted of two general stores, two hotels, a flouring mill, a Chinese Wash House” (laundry), a hardware store, a meat market, a furniture factory, two drugstores, a harness shop, a grain and hay warehouse, a dressmaking shop, two millinery shops, a boot shop, a wagon factory, a blacksmith shop, and the post office was relocated to the train depot (Figure 3).¹⁶ During this time, the area was not particularly diverse, with the majority of the 2,500 residence listed in the ca. 1880 U.S. Census as white and only 41 residents were listed as Chinese, and one was listed as African American. According to the Elk Grove Historic Context Statement, “It does not appear that the Chinese community in

¹³ Elizabeth Pinkerton, “History Happened Here”, Stories of Elk Grove, Sloughhouse, Sheldon, Franklin, Florin, Wilton, Laguna Creek, and other places in south Sacramento County, California, Laguna Publishers, 2020.

¹⁴ Elk Grove Historical Society, “History, Historic Buildings in Heritage Park”, accessed October 10, 2020, <https://elkgrovehistoricalsociety.com/historic-buildings-in-heritage-park/>

¹⁵ Page and Turnbull, “Elk Grove Historic Context Statement and Survey Report”, City of Elk Grove, 2020.

¹⁶ Elk Grove Historical Society, “History, Historic Buildings in Heritage Park”, accessed October 10, 2020, <https://elkgrovehistoricalsociety.com/historic-buildings-in-heritage-park/>



Elk Grove was ever sizeable, but it is important to note that Chinese immigrants contributed to both the agricultural and commercial development of Elk Grove.”¹⁷

By the 1890s, the small town and the surrounding area continued to grow, becoming a commercial center for the farmers in the area. Growth during the 1890s was spurred in part by the 1892 fire that began in the Elk Grove Station subdivision in downtown Elk Grove. Although several of the town’s largest and most prominent buildings burned down, the fire prompted the improvement of municipal facilities, including the formation of a water company, fire department, and a free library. In 1893, the first high school, the Elk Grove Union High School (Figure 4), was established in Elk Grove on Main Street (now Derr Street and Elk Grove Boulevard). The Elk Grove Union High School was the first union high school in the state of California and was established through the efforts of local community leaders and organizers, including cattle and grain men who donated their time and money.

From the 1900s to the 1920s, agriculture and ranching remained the primary economic industry in Elk Grove, but other crops such as fruit orchards, including peaches, plums, apricots, figs, lemons and prunes, as well as nut trees and grape vineyards were also grown. During this time, several of the older ranches and farms with large land holdings were divided up and sold or divided among family members. The availability of small farm land, and the growth of the cities and towns in the Sacramento Valley, resulted in an increase in population in the valley from approximately 156,000 in 1900 to 246,000 in 1920; however, the town of Elk Grove grew relatively slowly, from only 400 residents in 1900 to 800 in 1920 (Figure 5 and Figure 6).

During the early 1900s, Japanese farm laborers were considered crucial to the fruit-growing industry, and in the Elk Grove area they were instrumental in the growth of strawberry farming and vineyard operations.¹⁸ In 1909, Elk Grove saw the completion of the Western Pacific Railroad line, a passenger and freight line. The new railroad line added an additional train route to the area, providing local farmers with the means to quickly get their agricultural products to market. During the 1910s, a second development phase happened in Elk Grove, which saw the arrival of electric power and the expansion of commercial and industrial facilities, as well as the introduction of reinforced concrete construction, to prevent loss by fire. During the 1920s, additional schools and churches were constructed, often replacing older buildings constructed in the 19th century. During this time, Elk Grove’s wine industry was flourishing; however, by 1920 Prohibition was enacted and the grape industry in the area collapsed. There were also other shifts in other agricultural production at this time, including a growth in fruit packing and shipping; however, despite this growth of the agricultural industry in the area, the population growth in Elk Grove remained low.¹⁹

By the 1930s, the U.S. was in the midst of the Great Depression (1929 – 1933), which created a surge of bank closures, resulting in decrease of available capitol that significantly impacted agricultural communities and lead to reduced market prices.²⁰ In 1933, as the nation emerged from the Great Depression, and five days

¹⁷ Page and Turnbull, “Elk Grove Historic Context Statement and Survey Report”, City of Elk Grove, 2020.

¹⁸ Ibid.

¹⁹ Page and Turnbull, “Elk Grove Historic Context Statement and Survey Report”, City of Elk Grove, 2020.

²⁰ Lou Ann Speulda and Rhoda Owen Lewis, “Region 6: Historical and Architectural Assessment of the Depression Era Work Projects”, 2002.



after taking the oath of office, President Franklin Delano Roosevelt called a conference with the secretaries of Agriculture, Interior, and War, along with several others to discuss his ideas for recruiting 500,000 men to work in the nations forests and eroded farmlands. Roosevelt's vision was to provide work opportunities, primarily for young men to repair the land from decades of poor management and over-use, which became known as the "New Deal". As part of the New Deal, on March 31, 1933 the Emergency Conservation Work (ECW) Act was established under Executive Order No. 6101, and created the Civilian Conservation Corp (CCC), the Works Progress Administration (WPA), and the Public Works Administration (PWA). The CCC, WPA, and the PWA were established to create work opportunities that would not interfere with regular employment, and as such, they were specifically directed toward conservation of natural resources and transportation projects. During the 1930s, the WPA and the PWA constructed many projects in the Sacramento Valley to stabilize the agricultural markets and ensure continued agricultural production. The WPA also appears to have assisted in construction efforts of the Elk Grove Regional Park, which was then known as "Graham's Grove" for its previous owner Frank Graham.

The U.S. entered World War II (WWII) on December 9, 1942, and on February 19, 1942, President Roosevelt signed Executive Order #9066 authorizing the Secretary of War or any military commander designated by the Secretary to establish military areas and to exclude, from any or all person to enter, remain in, or leave shall be subject to whatever restrictions the Secretary of War or the appropriate Military Commander may impose in his discretion. On March 18, 1942, the War Relocation Authority (WRA) was created by Executive Order #9102. The Government Organization Manual of 1942 describes the purpose of WRA:

"To provide for removal from designated areas of persons whose removal is necessary in the interest of national security, and for their relocation, maintenance and super- vision ... And to provide insofar as feasible and desirable for the employment of such persons at useful work in industry, commerce, agricultural or public projects, prescribe the terms and conditions of such public employment, and safeguard the public interest in the private employment of such persons."

The relocation order in the spring and summer of 1942 resulted in the removal and relocation of approximately 110,000 Japanese American persons who were removed from designated locations. Prior to being sent to internment camps, many Japanese and Japanese Americans were sent via rail (Figure 7) to detention centers. These centers held thousands of Japanese Americans before being sent to internment camps in states such as Arkansas and Arizona.^{21 22 23} Within the Elk Grove and Florin areas, approximately 720 Japanese residents, mostly native born with the majority born in California, were removed from their homes. The removal of Japanese people in the Elk Grove area caused a critical labor shortage that severely impacted agricultural operations in the greater Elk Grove area,²⁴ as well as throughout California.

²¹ Kat Elliot "Remembering Japanese American Internment in Stockton", University of Pacific World Press, Feb. 8th, 2016 (<https://collegeofthepacific.wordpress.com/2016/02/08/remembering-japanese-american-internment/>)

²² Ibid.

²³ The assembly center is listed as part of California Historical Landmark #934, named in 1980.

²⁴ Page and Turnbull, "Elk Grove Historic Context Statement and Survey Report", City of Elk Grove, 2020.



After WWII ended in 1945, many towns and cities across the U.S. experienced a housing boom due to the return of U.S. soldiers; however, the town of Elk Grove did not experience a sudden housing boom following the war.²⁵ Throughout the 1950s, the town remained a small farming community, with pear and apple orchards remaining a common sight in the downtown area.²⁶ Through the mid-1950s, the town had only a single stop sign, and California State Route 99 (aka Highway 99) remained a two-lane road (Figure 8). However, in 1957 the highway 99 was widened from two lanes to four lanes, providing rapid access to and from Sacramento, which set the stage for future growth and development in Elk Grove. By the early 1960s, the Elk Grove Chamber of Commerce had issued brochures boasting the town as the “Land of Opportunity in the Heart of California ... within easy commuting distance of large city industry and diversified employment.”²⁷ During the 1960s, and the 1970s, growth began to take place in Elk Grove with the construction of new suburbs and streets, which resulted in the removal of the historic orchards within and near the downtown. Growth continued at a steady pace during this time leading to the suburbanization of Elk Grove.



Figure 2. ca. 1890 photo of the 1850 stage coach stop and hotel known as the “Elk Grove House (courtesy of the Elk Grove Historical Society).

²⁵ Ibid.

²⁶ Elizabeth Pinkerton, “History Happened Here”, Book 2 – Fields, Farms, Schools, Elk Grove: Laguna Publishers, 2002.

²⁷ Page and Turnbull, “Elk Grove Historic Context Statement and Survey Report”, City of Elk Grove, 2020.

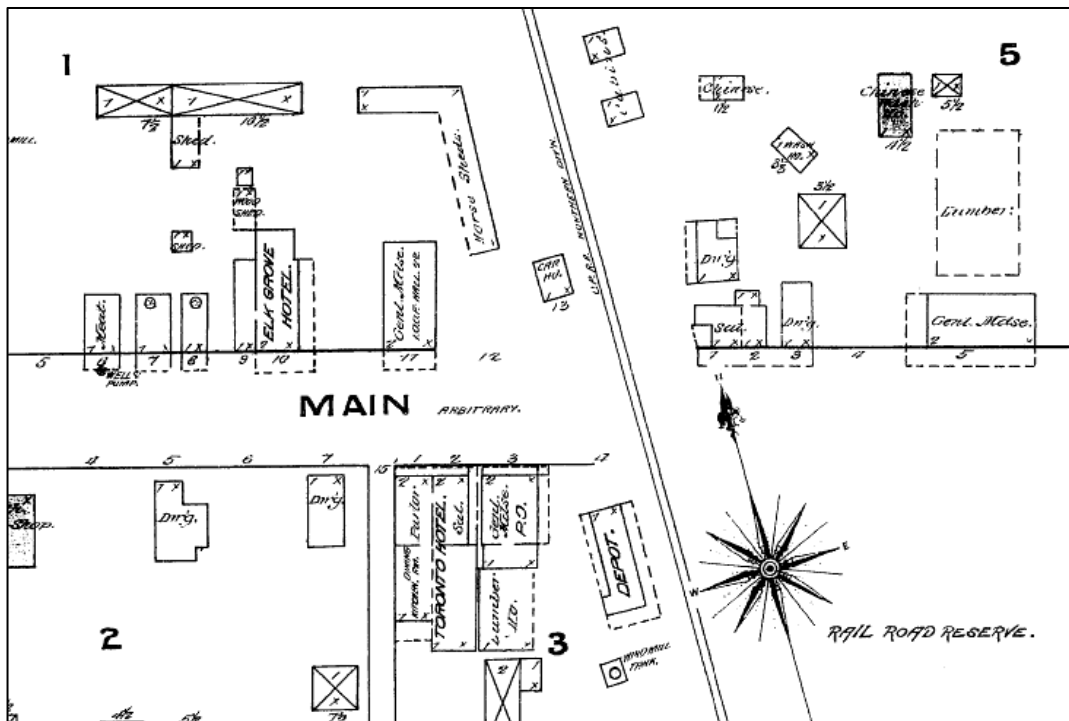


Figure 3. Detail of the 1884 Sanborn map showing development at Elk Grove Station.



Figure 4. ca. 1893 photo of the Elk Grove Union High School (courtesy of the Elk Grove Historical Society).



Figure 5. ca. 1895 photo of Main Street, now known as Elk Grove Boulevard (courtesy of the Elk Grove Historical Society).

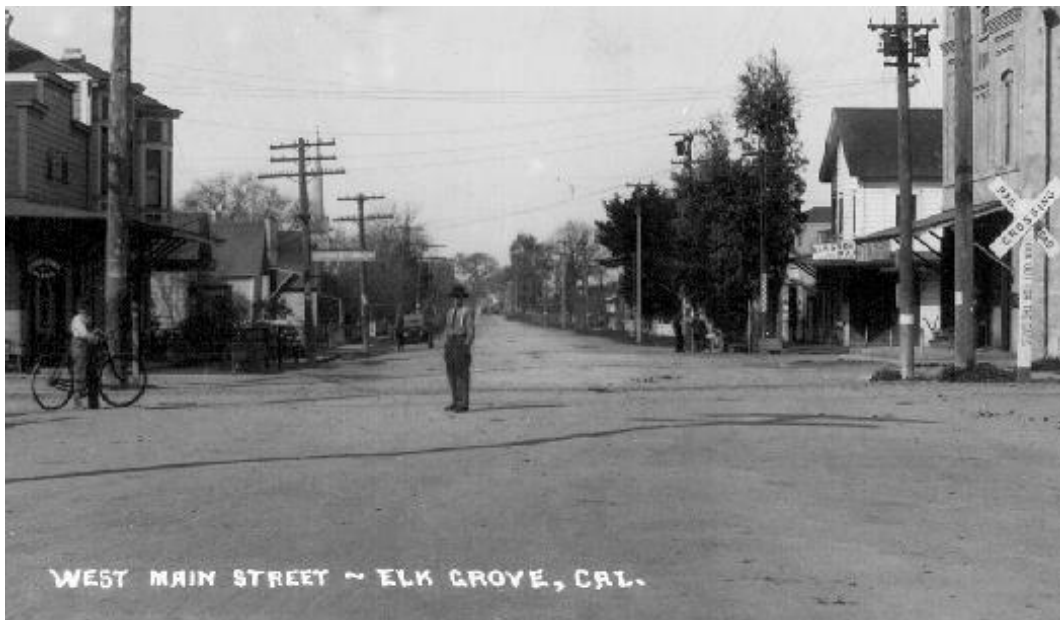


Figure 6. ca. 1915 photo of Main Street, now known as Elk Grove Boulevard (courtesy of the Elk Grove Historical Society).



Figure 7. 1942 photo showing the evacuation of Japanese Americans at the Elk Grove railroad station (courtesy of California State University, Sacramento. Library. Dept. of Special Collections and University Archives).



Figure 8. 1953 photo of the two-lane California State Route 99 (courtesy of the Elk Grove Historical Society).

PROPERTY HISTORY

Prior to the construction of the ca. 1920 house, ca. 1920 shed building, ca. 1920 well house, and associated landscape within the Project Area, the property was originally part of a larger parcel of land owned by Francis “Frank” Graham.^{28 29} Frank was a farmer and businessman, who owned over 2,500 acres of farm land, as well as the Elk Grove Hotel and a property on Main Street in Elk Grove. Frank died in 1869, and the property was inherited by wife, Lotta Marie Graham (L.M. Graham; Figure 9).

²⁸ Ancestry.com, 1880; Census Place: San Joaquin, Sacramento, California.

²⁹ 1885 Official Map of Sacramento County; and 1895 Official Map of Sacramento County.



Figure 9. 1895 Official Map of Sacramento, showing the location of the Project Area

Table 1. Owners and Occupants of the Property.

Year	Owner/Occupants	Additional Occupant (Renter) Details
ca. 1920	Owner: William Grupp	<ul style="list-style-type: none">William was born in 1852 in Baden-Württemberg, Germany. He left Germany with his parents and immigrated to the U.S. 1863. He appears to have lived in the Elk Grove area since the late 1800s and may have purchased the subject property prior to the construction of the current ca. 1920.William Grupp appears to have been the first occupant of the ca. 1920 house within the subject property.William does not appear to have ever been married and had no children. According the 1920 U.S. Census, William was a farmer.No additional information was found on William Grupp.



ca. 1920 – ca. 1961	Owner: James Seaward Rusby and Grace Fairbairn Rusby	<ul style="list-style-type: none">James was born in 1889 in Marysville, California, and Grace was born in 1885 in California. James and Grace had one child, Agnes, who was born in 1915.James was a fruit orchardist and also a manager at the Elk Grove Fruit Growers Association.According to a 1937 aerial photograph, the northern and southwestern portions of the subject property was planted in orchards, and the property included several other buildings including a two barns (no longer extant) located west of the ca. 1920 house (extant) (Figure 10).James died in 1943 and Grace remained on the property until her death in 1961. After the death of Grace in 1961, Agnes inherited the property.According to a 1961 aerial photograph, the fruit orchards were no longer present within the property (Figure 11).
1961 - 2002	Owner: Emil Joseph “E.J” Ponti and Agnes Rusby Ponit	<ul style="list-style-type: none">Emil was born in 1915 in California, and Agnes was born in 1915 in California. Agnes married Emil in 1941 and they do not appear to have had any children.It appears that Emil and Agnes lived at the house, and during this time, Emil was a Corporate Sale Manager for Teichert Aggregates in Elk Grove and Agnes was the “office secretary” for the same company.^{30 31}Agnes died in 1984, and Emil inherited the property. At this time, it does not appear that Emil lived at the property, and it is unclear if they rented the property.Emil appears to have sold the property in 2002 to John and Nancy Reardan, prior to his death in 2003.
2002 - 2020	Owner: John Reardan and Nancy Briggs Reardan Reardan Family Trust	<ul style="list-style-type: none">John and Nancy Reardan are the most recent owners of the subject property.Due to the recent ownership, no additional information is provided.

³⁰ Ancestry.com, *Sacramento, California, City Directory, 1963-1964*

³¹ Ancestry.com, *Sacramento, California, City Directory, 1955*



Figure 10. 1937 aerial photograph showing the Project Area outlined in red (courtesy of U.C. Santa Barbara).



Figure 11. 1961 aerial photo showing the buildings within with the Project Area (courtesy of U.C. Santa Barbara).

ARCHITECTURAL STYLE

The following section provides a brief understanding of the Craftsman architectural style, which is associated with the ca. 1920 house.

CRAFTSMAN ARCHITECTURAL STYLE (1905 - 1930)

The American Craftsman style is the quintessential house style of America. More popular and more replicated than most others it is the sum of all that America is. It stands for simplicity, excellence, and utility. Simplicity in design, excellence in craftsmanship and utility in its functionality. Craftsman houses were inspired mainly by two California brothers – Charles Sumner Greene and Henry Mather Greene who practiced together in Pasadena from 1893 to 1914 (i.e. California Craftsman or California Bungalow Craftsman). In about 1903, they began to design simple Craftsman-type bungalows. By 1909, they had designed and executed several



exceptional landmark examples. Influenced by the English Arts and Crafts Movement, an interest in oriental wooden architecture, and their early training in the manual arts appear to have led the Greene's to design and build these intricately detailed buildings. These and similar residences were given extensive publicity in some of the most popular magazines of the day, thus familiarizing the rest of the nation with the style. As a result, a flood of pattern books appeared, offering plans for Craftsman bungalows; some even offered completely pre-cut packages of lumber and detailing to be assembled by local labor. Through these vehicles, the Craftsman house quickly became the most popular and fashionable smaller house in the country.³²

Common design features of Craftsman architecture include the following:

- Low-pitched roof lines gabled or hipped roof
- Deeply overhanging eaves
- Decorative half timbering and wood work
- Front or side gable roofs with exposed rafters or decorative brackets under eaves
- Front porch beneath extension of the main roof
- Tapered, square columns ("battered" columns) supporting the roof
- Double-hung windows; 3-over-1 or 6-over-1 double-hung windows
- Hand-crafted stone or wood work
- Mixed materials throughout structure

HISTORIC ARCHITECTURAL SURVEY

On September 21, 2020, EDS Principal Architectural Historian, Stacey De Shazo, M.A., completed a historic architectural survey of the property that includes a ca. 1920 house, ca. 1920 shed building, ca. 1920 well house, and associated landscape within the Project Area. The results of the survey are documented in the following section.

CA. 1920 HOUSE

The ca.1920 house is associated the Craftsman architectural style. The single-story building consists of low pitched, clipped projecting gable and clipped side gable roof form with overhanging eaves with exposed rafters, as well as closed fascia with triangular brackets along the primary facade. The roof is clad in asphalt shingles. The house is clad in v-notch wood siding and vinyl clapboard. The house sets on a raised concrete and stucco perimeter foundation and appears to have a half or full-width basement due to the presence of several six-light, hopper, wood-framed windows near the ground level "basement" of the building.

East Elevation (Primary Façade)

The east elevation (primary façade) consists of a "full-width", deep-set, front porch that spans the length of the projecting clipped gable porch roof. The porch roof rests on two pair of floor-to-ceiling square porch

³² Virginia McAlester and Lee McAlester, *A Field Guild to American Houses*, New York, Alfred A. Knopf. Munro-Fraser, J.P. 2013.



columns with simple capitals (Figure 12). Between the columns is a low, wood balustrade that extends the length of the porch, as well as an additional portion of the porch along the northeast corner. There is an eave vent along the porch roof that consists of wood slates and a metal cover. The vent consists of a wood casing and a decorative sill. At the porch floor there is red brick laid out in a rowlock, uncommon pattern. Along this elevation, at the northeast corner, is an enclosed, hipped roof porch that is visible (Figure 13). Fenestrations include a series of four-over-one, double-hung, wood windows, and one large picture window with a casement side light. The front door was partially blocked due to porch shades; however, it appears the door is a replacement front door and is framed on one side by a glazed side-light.



Figure 12. East elevation, faicing west.



Figure 13. East elevation, facing northwest.

South Elevation

The south elevation consists of clipped side gable form with a wide eave overhang and triangular wood brackets. There are a series of three windows and two single windows, all of which have been replaced with six-over-one, single-hung, vinyl windows (Figure 14). This elevation is also clad in vinyl clapboard siding. There is a stucco and brick chimney that extends into the roof eave (Figure 15). The chimney does not appear to be original to the house. The front entry stairs to the front porch are visible along this elevation. The stairs are constructed of red brick and lead to what appears to be a brick porch flooring.



Figure 14. Photo showing the south and east elevations, facing northwest.



Figure 15. South elevation, facing north.



West Elevation

The west elevation consists of nine windows including one small, narrow, fixed window, three square windows, and five vertical, rectangular windows (Figure 16). Due to the presence of metal window screens with narrow, metal slates, it is unclear what types of window sashes are set within the window openings (Figure 17 and Figure 18). All the windows are trimmed in original wood casing and window sill. Along this elevation, are also two six-light, hopper, wood-framed windows near the ground level “basement” of the house.



Figure 16. Photo showing the south and west elevations, facing northeast.



Figure 17. West elevation, facing northeast.



Figure 18. Photo showing the metal window screens.



North Elevation

The north elevation consists of the clipped side gable roof form and enclosed porch addition (Figure 19). The enclosed porch addition appears to have been added in ca. 1940 or 1950 and consists of a hipped roof set under the original clipped, side gable form. There is a roof vent and two triangular brackets set under the original roof. The enclosed porch addition consists of wood framed pictures windows flanked by casements windows (Figure 20). There is also a side entry door that consists of “Ranch” style wood door with a lower X panel topped with a nine-light panel. The side entry door is accessed via a set of wood stairs with simple wood hand rails. Access to the basement is via a ground floor, wood door.



Figure 19. North elevation, facing southeast.



Figure 20. North elevation, facing southeast.

CA. 1920 SHED BUILDING

The ca. 1920 shed building is not associated with any architectural style. The building is a wood framed form clad in v-notch wood siding. The building appears to rest on a concrete foundation and is partially situated against a raised rear yard. There is a shed roof clad in what appears to be corrugated metal. The **east elevation** (primary façade) consists of exposed rafters and a large, corrugated metal sliding door set on metal rails (Figure 21). The **north elevation** consists of one six-light, wood window. The **south elevation** is void of any fenestrations. The **west elevation** consists of two six-light, wood windows flanked by decorative wood shutters (Figure 22).



Figure 21. Photo showing the east and north elevations, facing southwest.



Figure 22. West elevation, facing east.



CA. 1920 WELL HOUSE

The ca. 1920 well house is a shed roof, wood framed building, clad in v-notch wood boards. The building appears to rest directly on the soil, and the roof is clad in asphalt shingles. There is an electrical meter along the east elevation (Figure 23) and opening where a door was originally attached along the north elevation. Inside the building is a pump and several meters attached to the interior wall (Figure 24). Adjacent to the building, along the south elevation, is an above-ground well.



Figure 23. East elevation, facing west.



Figure 24. Photo showing the interior of the ca. 1920 well house building.

ASSOCIATED LANDSCAPE

The property landscape consists of a large yard with grass, oak trees, several fruit trees, and a semi-circular drive way along the south elevation (Figure 25). The south-central section of the property also consists several concrete building pads (Figure 26) where two former barns once stood, which appear to have been demolished in recent years.



Figure 25. Photo showing the semi-circular driveway, south of the ca. 1920 house, facing north.



Figure 26. Photo of the western section of the property where a former barn was located, facing north.



EVALUATION FOR HISTORICAL SIGNIFICANCE

The property includes a ca. 1920 house, ca. 1920 shed building, ca. 1920 well house, and associated landscape, which are located within the Project Area, were evaluated to determine individual eligibility for listing on the CRHR. The ca. 1920 house was evaluated for its association with the Craftsman architectural style, with a period of significance of ca. 1920, which is the estimated date when the building was constructed. The ca. 1920 shed building, ca. 1920 well house, and associated landscape are not associated within any architectural style.

CALIFORNIA REGISTER OF HISTORICAL RESOURCES

The CRHR is an inventory of significant architectural, archaeological, and historical resources in the State of California. Resources can be listed in the CRHR through several methods. State Historical Landmarks and NRHP listed properties are automatically listed in the CRHR. Properties can also be nominated to the CRHR by local governments, private organizations, or citizens. The CRHR follows *similar* guidelines to those used for the NRHP. One difference is that the CRHR identifies the Criteria for Evaluation numerically instead of alphabetically. Another difference, according to the OHP is that “It is possible that historical resources may not retain sufficient integrity to meet the criteria for listing in the NRHP, but they may still be eligible for listing in the California Register. A resource that has lost its historic character or appearance may still have sufficient integrity for the California Register if it maintains the potential to yield significant scientific or historical information or specific data”.³³

To qualify for listing in the CRHR, a property 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.

³³ California Office of Historic Preservation Technical Assistance Series #6 California Register and National Register: A Comparison, (n.d).



- **Association** is the direct link between an important historic event or person and a historic property.

The following section examines the eligibility of the property containing the ca. 1920 house, ca. 1920 shed building, ca. 1920 well house, and associated landscape for listing on the CRHR.

CALIFORNIA REGISTER OF HISTORICAL RESOURCES EVALUATION

1. **(Event): Associated with events that have made a significant contribution to the broad patterns of local regional history or the cultural heritage of California or the United States.**

The property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape was not found to be associated with any event that made a significant contribution to local, state, or National history.

Therefore, the property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape does not appear individually eligible for listing in the CRHR at the local, state, or national level under Criterion 1.

2. **(Person): Associated with the lives of persons important to local, California or national history.**

The ownership and occupancy history of the property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape was thoroughly researched, and it does not appear to be associated with a person important to local, California, or national history.

Therefore, the property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape does not appear individually eligible for listing in the CRHR at the local, state, or national level under Criterion 2.

3. **(Construction/Architecture): Embodies 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.**

The ca. 1920 house is associated with the Craftsman architectural style; however, the ca. 1920 house was not determined to be a representative example of this style and is not the first to be designed within this style.

The ca. 1920 shed building, ca. 1920 well house, and associated landscape are not associated with any known architectural style.

Therefore, the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape does not appear individually eligible for listing in the CRHR at the local, state, or national level under Criterion 3.

4. **(Information potential): Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.**

Criterion 4 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 4 can also apply to buildings that contain important information. For a building to be eligible under Criterion 4, 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 property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape does not appear to have the ability to convey information potential that is unique or unknown in regard to an architectural style. Therefore, the ca. 1965 commercial building does not appear individually eligible for listing in the CRHR at the local, state, or national level under Criterion 4.

INTEGRITY

To qualify for listing in the CRHR, a property must possess significance under one or more of the above listed criteria and have historic integrity. There are seven variables, or aspects, that are used to judge historic integrity, including location, design, setting, materials, workmanship, feeling and association.³⁴ A resource must possess the aspects of integrity that relate 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 property containing the property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape were not found to be eligible under any of the CRHR criteria; therefore, an integrity analysis was not completed.

CONCLUSIONS

In compliance with CEQA, EDS completed an HRE of the 18.43-acre property located at 8551 Poppy Ridge Road, Elk Grove, Sacramento County, California (APN 132-0290-052) to determine if the property containing the ca. 1920 house, ca. 1920 shed building, ca. 1920 well house, and associated landscape is eligible for listing on the CRHR and if the proposed Project will impact any Historical Resources as defined in Public Resources Code §21084.1. The methods used to complete the HRE included research and an intensive level survey that were completed by EDS Principal Architectural Historian Stacey De Shazo, M.A. who exceeds the Secretary of the Interior’s qualification standards in Architectural History and History.

The HRE determined that the property containing the ca. 1920 house, ca. 1920 shed building, ca. 1920 well house, and associated landscape does not meet the eligibility requirements for listing on the CRHR, is not currently listed on any national, state or local register of historic resources, and therefore is not considered a Historical Resource under CEQA. As such, the proposed Project will not impact any built-environment historical resources.

³⁴ 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).



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Appendix A:

DPR Forms

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code

Other Listings

Review Code _____ Reviewer _____ Date _____

Page 1 of 15 *Resource Name or #: 8551 Poppy Ridge Road

P1. Other Identifier: _____

*P2. Location: ☐ Not for Publication ☒ Unrestricted

*a. County Sacramento and

*b. USGS 7.5' Quad Florin Date 1980 T 6N; R 5E; NW ¼ of NW ¼ of Sec 12; MD B.M.

c. Address 8551 Poppy Ridge Road City Elk Grove Zip 95757

d. UTM: Zone 10, 640763 mE/ 4250444 mN

e. Other Locational Data: The resource is located within the 18.43-acre Assessor's Parcel Number (APN) 132-0290-052 within the City of Elk Grove. The resource is situated on the northwest corner of Poppy Ridge Road and Lousada Drive and is approximately 3.5 miles southwest of downtown Elk Grove, California.

*P3a. **Description:** The resource includes the ca. 1920 house, ca. 1920 shed building, ca. 1920 well house, and associated landscape. The ca.1920 house is associated the Craftsman architectural style. The single-story building consists of low pitched, clipped projecting gable and clipped side gable roof form with overhanging eaves with exposed rafters, as well as closed fascia with triangular brackets along the primary facade. The roof is clad in asphalt shingles. The house is clad in v-notch wood siding and vinyl clapboard. (Continued on Continuation Sheet, Page 2)

P5a.



*P3b. **Resource Attributes:** HP2.
Single family property

*P4. **Resources Present:** ☒ Building
☐ Structure ☐ Object ☐ Site ☐ District
☐ Element of District ☐ Other

P5b. **Description of Photo:** ca.
1920 house, facing southwest

*P6. **Date Constructed/Age and Source:** ☒ Historic ☐ Prehistoric
☐ Both ca. 1920 house, ca. 1920 shed building, ca. 1920 well house, and associated landscape; various primary sources

*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:** 9/21/2020

*P10. **Survey Type:** Intensive

*P11. **Report Citation:** Stacey De Shazo, M.A. (2020): Historic Resource Evaluation for the Property at 8551 Poppy Ridge Road, Elk Grove, Sacramento 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: 8551 Poppy Ridge Road

Page 2 of 15

(Continued from Primary Sheet, Page 1)

The house sets on a raised concrete and stucco perimeter foundation and appears to have a half or full-width basement due to the presence of several six-light, hopper, wood-framed windows near the ground level “basement” of the building.

East Elevation (Primary Façade)

The east elevation (primary façade) consists of a “full-width”, deep-set, front porch that spans the length of the projecting clipped gable porch roof. The porch roof rests on two pair of floor-to-ceiling square porch columns with simple capitals (Figure 1). Between the columns is a low, wood balustrade that extends the length of the porch, as well as an additional portion of the porch along the northeast corner. There is an eave vent along the porch roof that consists of wood slates and a metal cover. The vent consists of a wood casing and a decorative sill. At the porch floor there is red brick laid out in a rowlock, uncommon pattern. Along this elevation, at the northeast corner, is an enclosed, hipped roof porch that is visible (Figure 2). Fenestrations include a series of four-over-one, double-hung, wood windows, and one large picture window with a casement side light. The front door was partially blocked due to porch shades; however, it appears the door is a replacement front door and is framed on one side by a glazed side-light.



Figure 1. East elevation, faicing west.

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

Page 3 of 15



Figure 2. East elevation, facing northwest.

South Elevation

The south elevation consists of clipped side gable form with a wide eave overhang and triangular wood brackets. There are a series of three windows and two single windows, all of which have been replaced with six-over-one, single-hung, vinyl windows (Figure 3). This elevation is also clad in vinyl clapboard siding. There is a stucco and brick chimney that extends into the roof eave (Figure 4). The chimney does not appear to be original to the house. The front entry stairs to the front porch are visible along this elevation. The stairs are constructed of red brick and lead to what appears to be a brick porch flooring.

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

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Figure 3. Photo showing the south and east elevations, facing northwest.



Figure 4. South elevation, facing north.

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

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West Elevation

The west elevation consists of nine windows including one small, narrow, fixed window, three square windows, and five vertical, rectangular windows (Figure 5). Due to the presence of metal window screens with narrow, metal slates, it is unclear what types of window sashes are set within the window openings (Figure 6 and Figure 7). All the windows are trimmed in original wood casing and window sill. Along this elevation, are also two six-light, hopper, wood-framed windows near the ground level "basement" of the house.



Figure 5. Photo showing the south and west elevations, facing northeast.

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

Page 6 of 15



Figure 6. West elevation, facing northeast.



Figure 7. Photo showing the metal window screens.

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

Page 7 of 15

North Elevation

The north elevation consists of the clipped side gable roof form and enclosed porch addition (Figure 8). The enclosed porch addition appears to have been added in ca. 1940 or 1950 and consists of a hipped roof set under the original clipped, side gable form. There is a roof vent and two triangular brackets set under the original roof. The enclosed porch addition consists of wood framed pictures windows flanked by casements windows (Figure 9). There is also a side entry door that consists of "Ranch" style wood door with a lower X panel topped with a nine-light panel. The side entry door is accessed via a set of wood stairs with simple wood hand rails. Access to the basement is via a ground floor, wood door.



Figure 8. North elevation, facing southeast.

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

Page 8 of 15



Figure 9. North elevation, facing southeast.

CA. 1920 SHED BUILDING

The ca. 1920 shed building is not associated with any architectural style. The building is a wood framed form clad in v-notch wood siding. The building appears to rest on a concrete foundation and is partially situated against a raised rear yard. There is a shed roof clad in what appears to be corrugated metal. The east elevation (primary façade) consists of exposed rafters and a large, corrugated metal sliding door set on metal rails (Figure 10). The north elevation consists of one six-light, wood window. The south elevation is void of any fenestrations. The west elevation consists of two six-light, wood windows flanked by decorative wood shutters (Figure 11).

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

Page 9 of 15



Figure 10. Photo showing the east and north elevations, facing southwest.



Figure 11. West elevation, facing east.

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

Page 10 of 15

CA. 1920 WELL HOUSE

The ca. 1920 well house is a shed roof, wood framed building, clad in v-notch wood boards. The building appears to rest directly on the soil, and the roof is clad in asphalt shingles. There is an electrical meter along the east elevation (Figure 12) and opening where a door was originally attached along the north elevation. Inside the building is a pump and several meters attached to the interior wall (Figure 13). Adjacent to the building, along the south elevation, is an above-ground well.



Figure 12. East elevation, facing west.

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

Page 11 of 15



Figure 13. Photo showing the interior of the ca. 1920 well house building.

ASSOCIATED LANDSCAPE

The landscape consists of a large yard with grass, oak trees, several fruit trees, and a semi-circular drive way along the south elevation (Figure 14). The south-central section of the property also consists several concrete building pads (Figure 15) where two former barns once stood, which appear to have been demolished in recent years.

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

Page 12 of 15



Figure 14. Photo showing the semi-circular driveway, south of the ca. 1920 house, facing north.



Figure 15. Photo of the western section of the property where a former barn was located, facing north.,

CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

Page 13 of 15

CALIFORNIA REGISTER OF HISTORICAL RESOURCES (CRHR) EVALUATION

- 1. (Event): Associated with events that have made a significant contribution to the broad patterns of local regional history or the cultural heritage of California or the United States.**

The property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape was not found to be associated with any event that made a significant contribution to local, state, or National history.

Therefore, the property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape does not appear individually eligible for listing in the CRHR at the local, state, or national level under Criterion 1.

- 2. (Person): Associated with the lives of persons important to local, California or national history.**

The ownership and occupancy history of the property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape was thoroughly researched, and it does not appear to be associated with a person important to local, California, or national history.

Therefore, the property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape does not appear individually eligible for listing in the CRHR at the local, state, or national level under Criterion 2.

- 3. (Construction/Architecture): Embodies 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.**

The ca. 1920 house is associated with the Craftsman architectural style; however, the ca. 1920 house was not determined to be a representative example of this style and is not the first to be designed within this style.

The ca. 1920 shed building, ca. 1920 well house, and associated landscape are not associated with any known architectural style.

Therefore, the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape does not appear individually eligible for listing in the CRHR at the local, state, or national level under Criterion 3.

- 4. (Information potential): Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.**

Criterion 4 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 4 can also apply to buildings that contain important information. For a building to be eligible under Criterion 4, it must be a principal source of important information, such

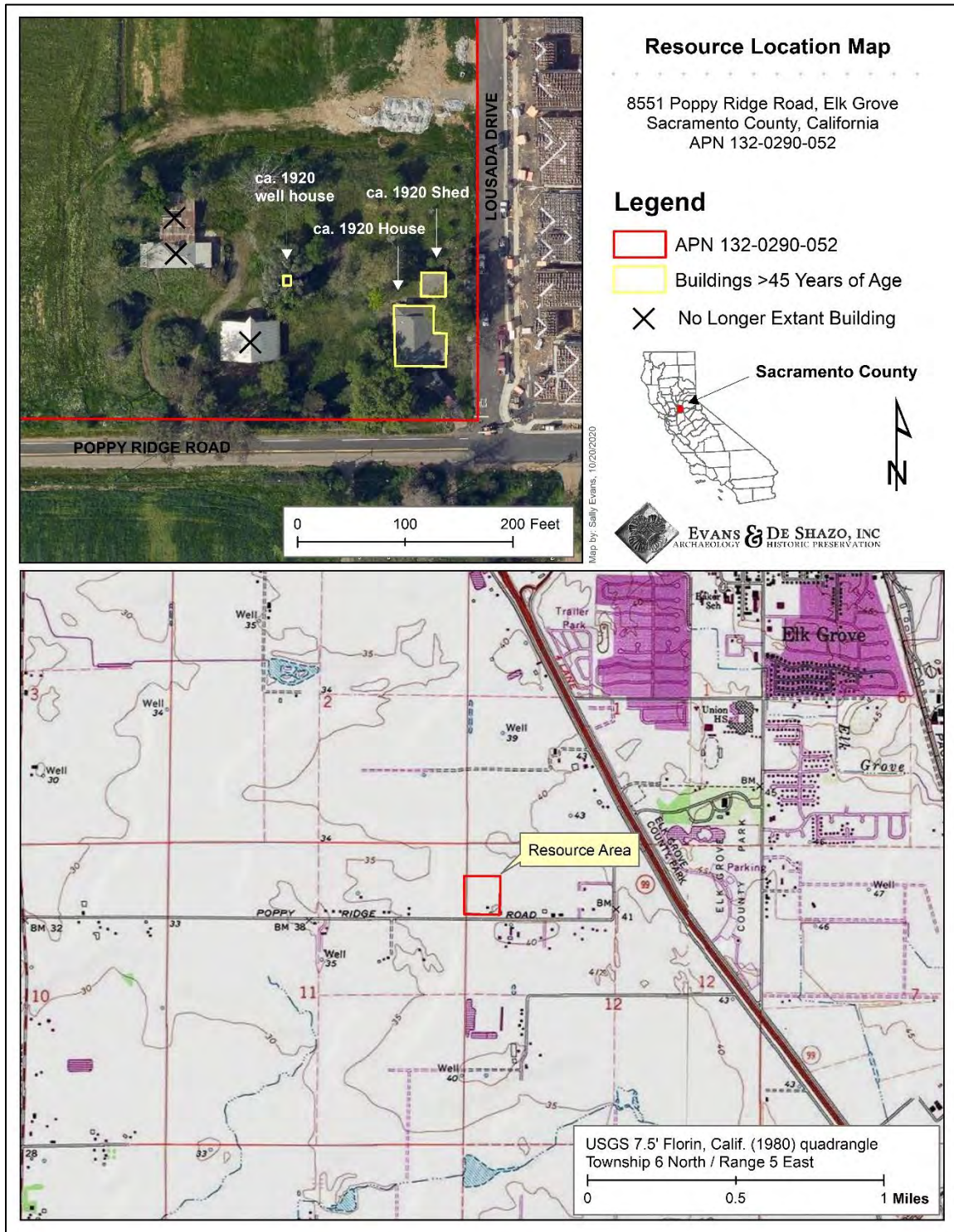
CONTINUATION SHEET

Property Name: 8551 Poppy Ridge Road

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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 property containing the ca. 1920 house, one ca. 1920 shed building, ca. 1920 well house, and associated landscape does not appear to have the ability to convey information potential that is unique or unknown in regard to an architectural style. Therefore, the ca. 1965 commercial building does not appear individually eligible for listing in the CRHR at the local, state, or national level under Criterion 4.



APPENDIX C
GEOLOGIC HAZARDS ASSESSMENT

GEOLOGIC HAZARDS ASSESSMENT

**PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
8551 POPPY RIDGE ROAD
ELK GROVE, SACRAMENTO COUNTY, CALIFORNIA
APN 132-0290-052**

Prepared for
**Elk Grove Unified School District
9510 Elk Grove-Florin Road
Elk Grove, CA 95624
(916) 686-7797**

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

**November 26, 2019
Condor Project No. 8122**

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APPENDICES

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APPENDIX C – OIL AND GAS WELLS



GEOLOGIC HAZARDS ASSESSMENT

PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL 8551 POPPY RIDGE ROAD ELK GROVE, SACRAMENTO COUNTY, CALIFORNIA APN 132-0290-052

1.0 INTRODUCTION

1.1 GENERAL

This report includes the results of our Geologic Hazards Assessment (GHA) for Elk Grove Unified School District's (EGUSD / District) proposed Laguna Ridge Elementary School located at 8551 Poppy Ridge Road and designated as Assessor's Parcel Number (APN) 132-0290-052 (Site). Condor Earth (Condor) performed this study at the request of Kim Williams, Planning Manager, the District. The Site location is shown on the Figure 1, Appendix A.

1.2 PROJECT DESCRIPTION

The District is pursuing California Department of Education (CDE) approval for an approximately 850 student campus on approximately 10 acres of vacant land at the northwest corner of Poppy Ridge Road and Lousada Drive. A Site Map is shown on Figure 2, Appendix A.

2.0 PURPOSE AND SCOPE

This GHA was performed to: 1) characterize geologic conditions at the site; and 2) identify geologic conditions that may impact design or construction of the site.

Condor completed the following work for this GHA:

1. Seismic and Fault Hazard
 - Investigate and report whether the Site is in the Alquist-Priolo zone, or situated on or near a pressure ridge, geological fault, or fault trace that may rupture during the life of the school building.
 - Identify the locations and potential for ground shaking of nearby faults and fault traces.
 - Perform a field inspection, Site reconnaissance, and literature review to identify possible geohazards.
2. Dam or Flood Inundation and Street Flooding
 - Identify location of Site in relation to flood zones and dam inundation areas.
 - Determine if the Site is located within a flood zone, identify year and type, and assess potential hazard.
 - Assess potential for sheet flooding, street flooding, and dam or flood inundation.
3. Slope Stability
 - Identify if Site is located on or near a slope.
 - Assess potential for instability and landslides.
4. Liquefaction
 - General statement on potentially liquifiable soils encountered in the surrounding area and general mitigation measures.



3.0 EXCLUSIONS FROM THE GEOLOGIC HAZARDS ASSESSMENT

Excluded from this GHA are Site-specific liquefaction mitigation measures, Site-specific soil composition and conditions, and Site-specific special foundations and construction techniques. Condor recommends performing a Geotechnical Engineering Study (GES) prior to construction of the proposed school Site. The GES would be intended for use in design and construction by the engineers, architects, and contractors involved with this project, and it will be prepared to meet the requirements of Title 24 Geotechnical Engineering Reports.

4.0 SITE DESCRIPTION

The Site is located southwest of Elk Grove at an elevation of approximately 40 feet. The approximate 10 acre vacant lot is bordered on the north, west, and east by residential property and to the south by agriculture land.

5.0 GEOLOGIC AND SEISMIC SETTING

5.1 REGIONAL GEOLOGY

The Site is located in the southern Sacramento Valley in the Great Valley Geomorphic Province of California. The Sacramento Valley together with the San Joaquin Valley comprise the Great Valley, a northwest-trending, west-dipping geosyncline in-filled with as much as six vertical miles of sediment. The geosyncline is sub-divided into three basins. The Stockton arch, a broad structure bounded on the north by the Stockton fault but with a poorly defined southern limit, separates the Sacramento Valley in the north from the San Joaquin Valley to the south. The Bakersfield arch separates the Maricopa-Tejon subbasin at the south end of the San Joaquin Valley from the remainder of the San Joaquin sedimentary basin. Neither arch has appreciable structural relief (Bartow, 1991). The Great Valley lies between the Coast Ranges to the west and the Sierra Nevada Range to the east. Regionally, the lithology of the upper 3,000 feet of sediment within the Great Valley is derived from the Sierra Nevada range to the east and the Coast Range Mountains to the west. Locally sediments are 1,000 to 2,000 feet thick.

The Coast Range Mountains generally consist of northwest trending ridges of Franciscan Assemblage and granitic basement rocks. 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). Structurally, the Coast Range - Sierra Nevada Block Boundary Zone, a regional geological boundary separating Franciscan basement rocks of the Coast Range from granitic basement rocks of the Sierra Nevada Range, is present at depth near the western margin of the Great Valley Geomorphic Province.

5.2 SITE GEOLOGY

Based upon published geologic maps and literature, the surface geologic deposit is Quaternary Riverbank Formation (Qr), an alluvial deposit consisting of weathered gravel, sand and silt. A map of the Site geology is shown on Figure 3, Geologic Map, Appendix A.

5.3 FAULTING AND REGIONAL SEISMICITY

The Site is in a relatively moderate seismic region of California and no known faults traverse the site. The 2010 Fault Activity Map of California indicates the nearest active faults are associated with the Coast Range Mountains to the southwest and the Sierra Nevada Mountains to the southeast. Faults showing evidence of movement in the past 11,700 to 700,000 years include the Vaca Fault 30 miles southwest. Faults showing evidence of movement in the past 700,000 to 1,600,000 years are the Midland Fault 20 miles to the



southwest and the Foothills Fault Zone 25 to 35 miles to the southeast. Figure 4 – Regional Fault Map, Appendix A, shows the approximate site location and earthquake faults within at least 100 kilometers (km) of the site.

The USGS probabilistic model estimating ground motions corresponding to various levels of seismic hazard were reviewed based on the assumed subsurface conditions (unconsolidated, non-saturated alluvial soils: Site Class D). Based on the assumed conditions, the Site Modified PGA (PGA_M) is 0.31 g. The potential geologic hazard from ground shaking is moderate.

5.4 LOCAL GROUNDWATER CONDITIONS

The Department of Water Resources database indicates groundwater measured in two wells (383913N1214142W001 and 383884N1214167W001) approximately one mile west of the Site has ranged from 55 to 130 feet below existing grade from 1950 to 2005.

6.0 GEOLOGIC HAZARDS.

The California Geologic Survey indicates the primary geologic hazards of concern in California are:

- Seismic hazards related to earthquakes, including ground rupture/faulting, liquefaction, strong shaking, and tsunamis.
- Landslides of all kinds, including seismically-triggered landslides, debris flows, mud flows, and rock falls.
- Mineral hazards such as asbestos, radon, and mercury.
- Volcanic hazards such as ash fall, lava flows, lahars, pyroclastic flows, toxic gases, and volcanic landslides.

These, and other potential geologic hazards are discussed below.

6.1 FLOODING

The site is relatively flat and located at approximately 40 feet above mean sea level. The Cosumnes River is approximately 3.5 miles southeast and the San Joaquin River 6.5 miles to the west. The Federal Emergency Management Agency (FEMA) National Flood Hazard Layer on the ESRI data base was referenced to evaluate site flooding potential. The data indicates the Site is in Zone X and has a minimal flood hazard. The FEMA map is reproduced in part on Figure 5 – FEMA Flood Map, Appendix A.

The potential damage to the Site from flooding by dam failure is minimal. The Site is not located near the ocean or a lakefront; therefore, secondary-flooding hazards from seismic activity such as tsunamis and seiches is negligible to not present.

6.2 FAULTING

No known active or potentially active faults cross the proposed school site, and the site is not located in a Fault-Rupture Hazard Zone as established by the Alquist-Priolo Earthquake Fault Zoning Act (Hart, 2007). Therefore, ground displacement from surface rupture during the life of the school building is not considered a hazard at the site.



6.3 VOLCANIC ERUPTION

The Site is not within a region where volcanic eruptions of magma, ash, mud, or carbon dioxide are considered likely to occur. The closest active volcanic hazard zone is mapped approximately 145 miles southeast at Mammoth Lakes on the east side of the Sierra Nevada Mountains.

6.4 SLOPE STABILITY

The site is located in a flat area of the central Sacramento-San Joaquin Valley. The nearest slopes to the site are along the north bank of the Cosumnes River 3.5 miles southeast and the east bank of San Joaquin River 6.5 miles to the west. Based on the proximity of these slopes to the site, there is no potential risk from a landslide or loss of lateral support at the site.

6.5 ASBESTOS BEARING ROCK

The nearest asbestos bearing rock outcrops to the site are approximately 25 miles northeast near the town of Latrobe in the Sierra Nevada foothills (Churchill, et al., 2000). Asbestos has been shown to remain in soils and can be imported as aggregate. However, no imported rock was observed on site and natural transport is unlikely. The potential hazard from encountering asbestos bearing rock in surface and subsurface excavations at the site is considered negligible. The site location relative to mapped locations of ultramafic rocks is shown on Figure 6 – Ultramafic Rock Map, Appendix A. There are no zones designated as likely to contain asbestos bearing rock in the area shown on Figure 6.

6.6 RADON- BEARING SOIL

Radon-bearing soils and increased radon concentrations may be found near sites that overlie organic-rich marine black shale and certain igneous rocks. Though the site is not underlain by either of these rock types, we evaluated the potential exposure to radon-bearing soil during grading earthwork, and occupancy. The California Department of Health Services web page *California Indoor Radon levels Sorted by Zip Code* indicates 14 radon tests were reported in the 95757 zip code area but none were equal to or greater than the 4 pCi.L, the advised action level. The maximum measured level was 2.4 pCi.L. Based on our review, we consider the risk of encountering radon bearing soils to be low. Sacramento County is considered by the US Environmental Protection Agency within Zone 3, where indoor average radon levels are less than 2 pCi.L¹.

6.7 MERCURY- BEARING SOIL

Mercury used to recover gold from historical gold mines throughout the western United States is a potential risk to human health and the environment. Most of the mercury mined for gold recovery in California was obtained from deposits in the Coast Range Mountains. The nearest published location of a mercury mine to the site is approximately 25 miles southwest near the San Joaquin Delta. The potential hazard from mercury and mercury-bearing soil in surface and subsurface excavations at the site is considered low.

6.8 CORROSIVE AND REACTIVE SOILS

The United States Department of Agriculture (USDA) mapped the surface soil in the project area as 5 percent Madera-Galt complex, 18 percent Bruella sandy loam, and the balance San Joaquin silt loam. The USDA database indicates these soils have a low potential to corrode concrete. The Madera-Galt complex and Bruella have a moderate potential to corrode uncoated steel while the San Joaquin silt loam has a high potential.

¹ <https://www.epa.gov/radon/epa-map-radon-zones>



6.9 SOILS WITH EXPANSIVE, HYDRO-COMPACTION, SEISMIC-COMPRESSIVE PROPERTIES

The near-surface site soils are alluvial deposits likely consisting of gravel, sand, and silt located on a flat alluvial plain, with no sloped surface within approximately 3.5 miles. The California Department of Water Resources indicate wells near the project site have historical depth-to-water ranging from 55 to 130 feet. Therefore, due to the apparent absence of saturated sediments to a depth of 50 feet and no slopes surfaces at or near the site, the potential for lateral spreading is considered negligible in the event of a major earthquake. The potential risk from expansive soils, hydro-compaction or seismic compression is low. The completion of the GES recommended in Section 3.0 will clarify the potential risks and mitigation posed from expansive soils, hydro-compaction, and seismic compression. However, the risk can be mitigated with proper design and construction in accordance with current building code standards.

6.10 LIQUIFICATION

Most liquefaction hazards are associated with sandy soils, silty soils of low plasticity, and some gravelly soils below the groundwater surface and, in general, most severe within the upper 50 feet of the surface (CDMG Special Publication 117, 1997). Cohesive soils (clays) are generally not considered to be susceptible to liquefaction. Based on the findings in this report, groundwater is not likely to occur in the upper 50 feet of the surface; therefor the potential risk from liquefaction is considered low. However, the risk can be mitigated with proper design and construction in accordance with current building code standards. The potential for liquefaction and liquefaction induced seismic settlement is sufficient to warrant completion of a GES as described in Section 8.0.

6.11 HAZARDOUS MATERIALS

The California Department of Conservation, Division of Oil, Gas, and Geothermal database show the Site is not located in an active gas field. The nearest natural gas wells are in the Poppy Ridge Gas field approximately 1 mile west, but no active wells are present in the field. The Site is not within a region where methane gas, hydrogen-sulfide gas, or tar seeps are considered likely to occur.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings contained in this report, it is our professional opinion that the site should be suitable for the proposed improvements provided that the recommendations contained herein are incorporated into the final project design.

8.0 ADDITIONAL SERVICES

Condor recommends performing a GES prior to construction of the proposed school Site. The GES would summarize the Site-specific surface and subsurface conditions, liquefaction mitigation measures, and special foundations and construction techniques. The GES would be prepared for use in design and construction by the engineers, architects, and contractors involved with this project, and it will be prepared to meet the requirements of Title 24 Geotechnical Engineering Reports.

9.0 LIMITATIONS

This report was prepared in accordance with the generally accepted standards of geologic hazards assessment existing in Sacramento County at the time it was written. No other warranty, express or implied, is made. It is the owner's responsibility to see that all parties to the project, including the designer, contractors, subcontractors, etc., are made aware of this report in its entirety.



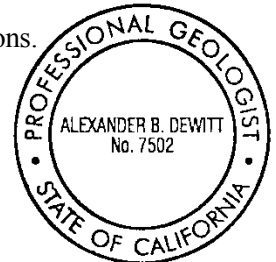
It should be noted that changes in the standards of practice in the field of geologic hazards assessment, changes in site conditions, new agency regulations, or modifications to the proposed project are grounds for this report to be professionally reviewed. In light of this, there is a practical limit to the usefulness of this report without critical professional review. It is suggested that two years be considered a reasonable time for the usefulness of this report.

We trust this report provides the information required at this time. Please call with any questions.

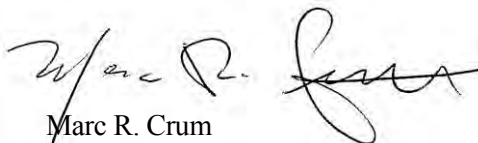
Respectfully submitted,
CONDOR EARTH




11/26/19



, 11/26/19


Marc R. Crum
Certified Engineering Geologist (CA #2254)


Alexander Dewitt, PG 7502
Vice President, Environmental Services



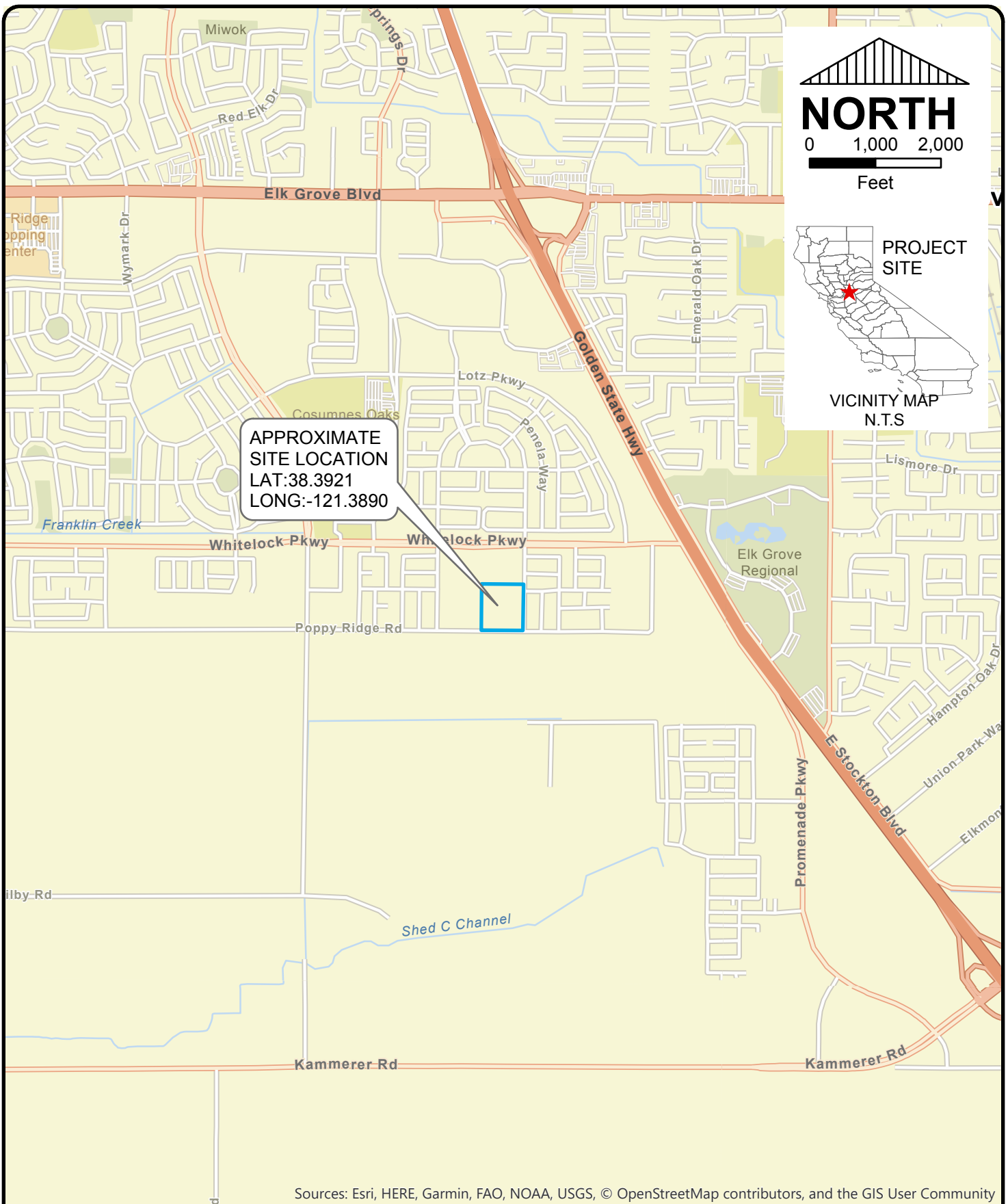
10.0 REFERENCES


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- Wagner, D.L., C.W. Jennings, T.L. Bedrossian, and E.J. Bortugno, Geologic Map of the Sacramento Quadrangle, California, 1:250,000, 1981.



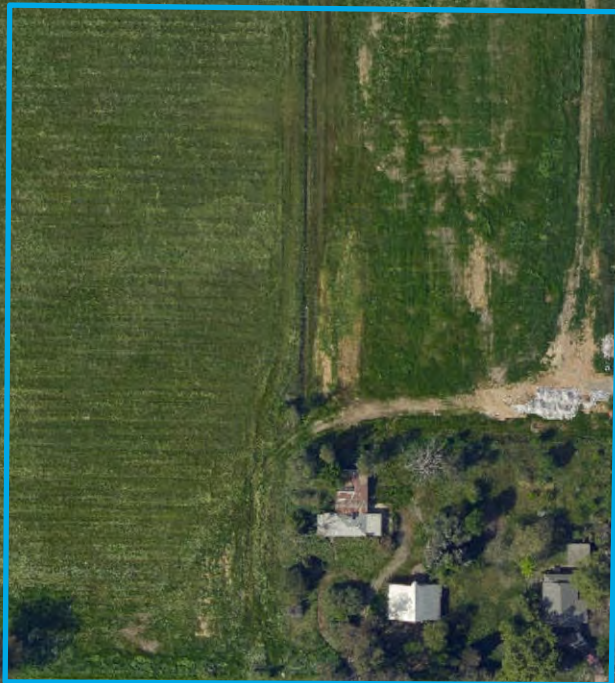
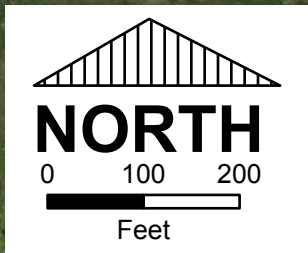
APPENDIX A

FIGURES



 <p>CONDOR EARTH 21663 Brian Lane P.O. Box 3905 Sonoma, CA 95370 (209) 532-0361 fax (209) 532-0773 www.condorearth.com</p>	Job No. 8122	<p>VICINITY MAP GEOLOGIC HAZARDS ASSESSMENT PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL 8551 POPPY RIDGE ROAD ELK GROVE, CALIFORNIA</p>	<p>FIGURE 1</p>
	Date 12 Dec 2019		
	Scale AS SHOWN		
	Drawn KGM	Chk'd ABD	

8122_Phase1ESA.aprx



BACKGROUND IMAGE: ESRI DIGITAL GLOBE 2017



CONDOR EARTH

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Job No.

8122

Date

12 Dec 2019

Scale

AS SHOWN

Drawn

KGM

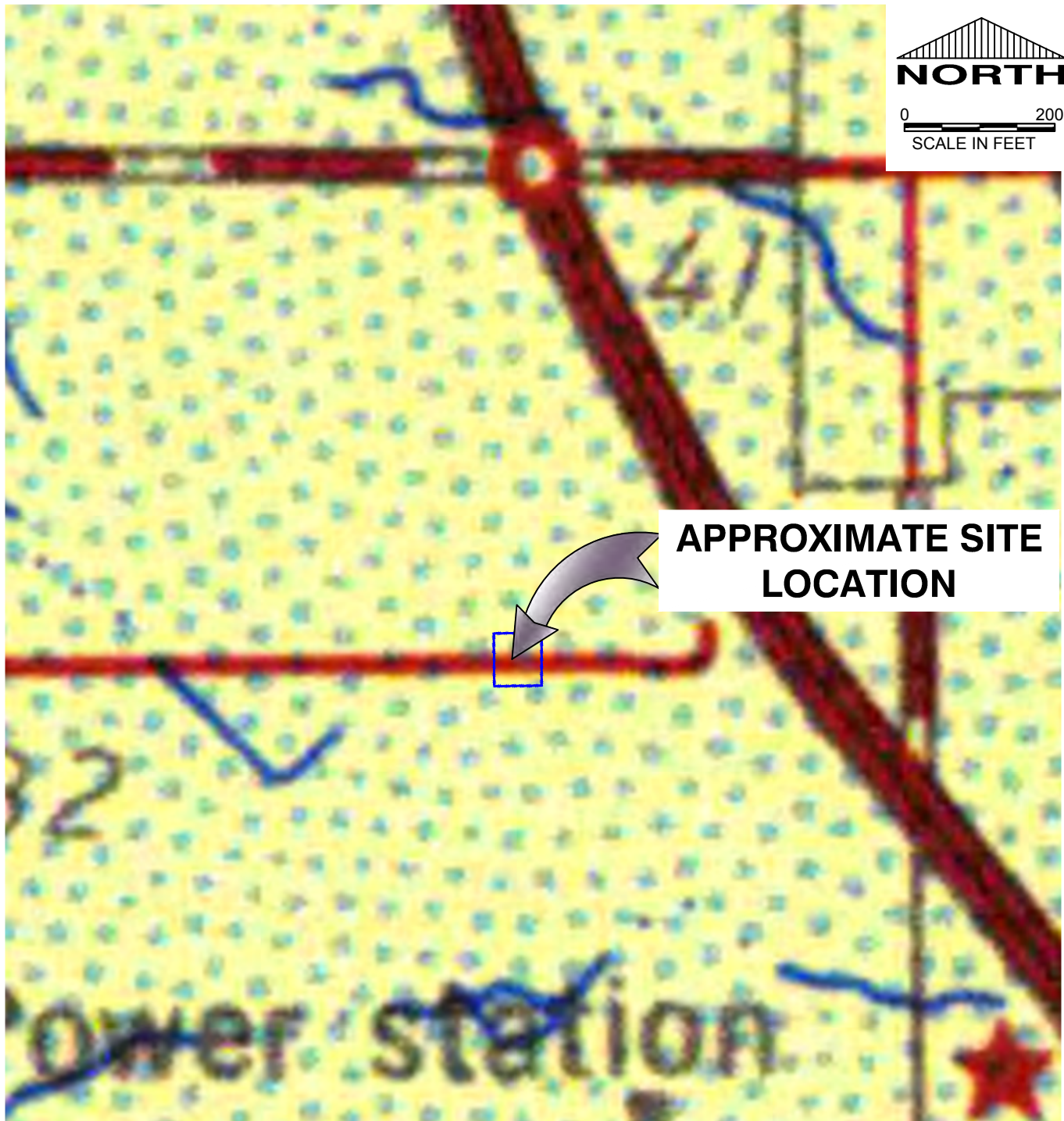
Chk'd

ABD

SITE MAP
GEOLOGIC HAZARDS ASSESSMENT
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
8551 POPPY RIDGE ROAD
ELK GROVE, CALIFORNIA

FIGURE
2

8122_Phase1ESA.aprx




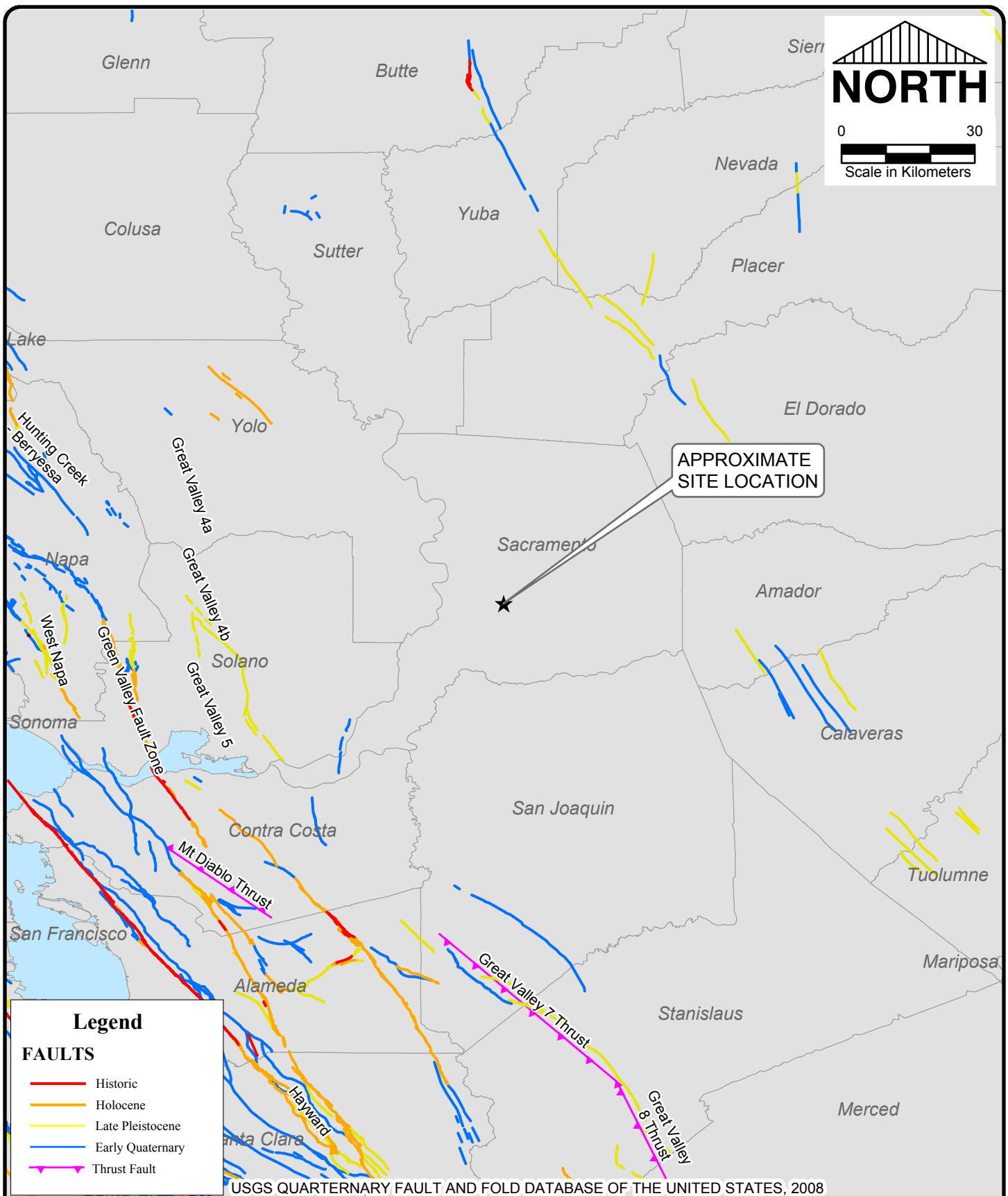
LEGEND:




Riverbank Formation (*Alluvium*)

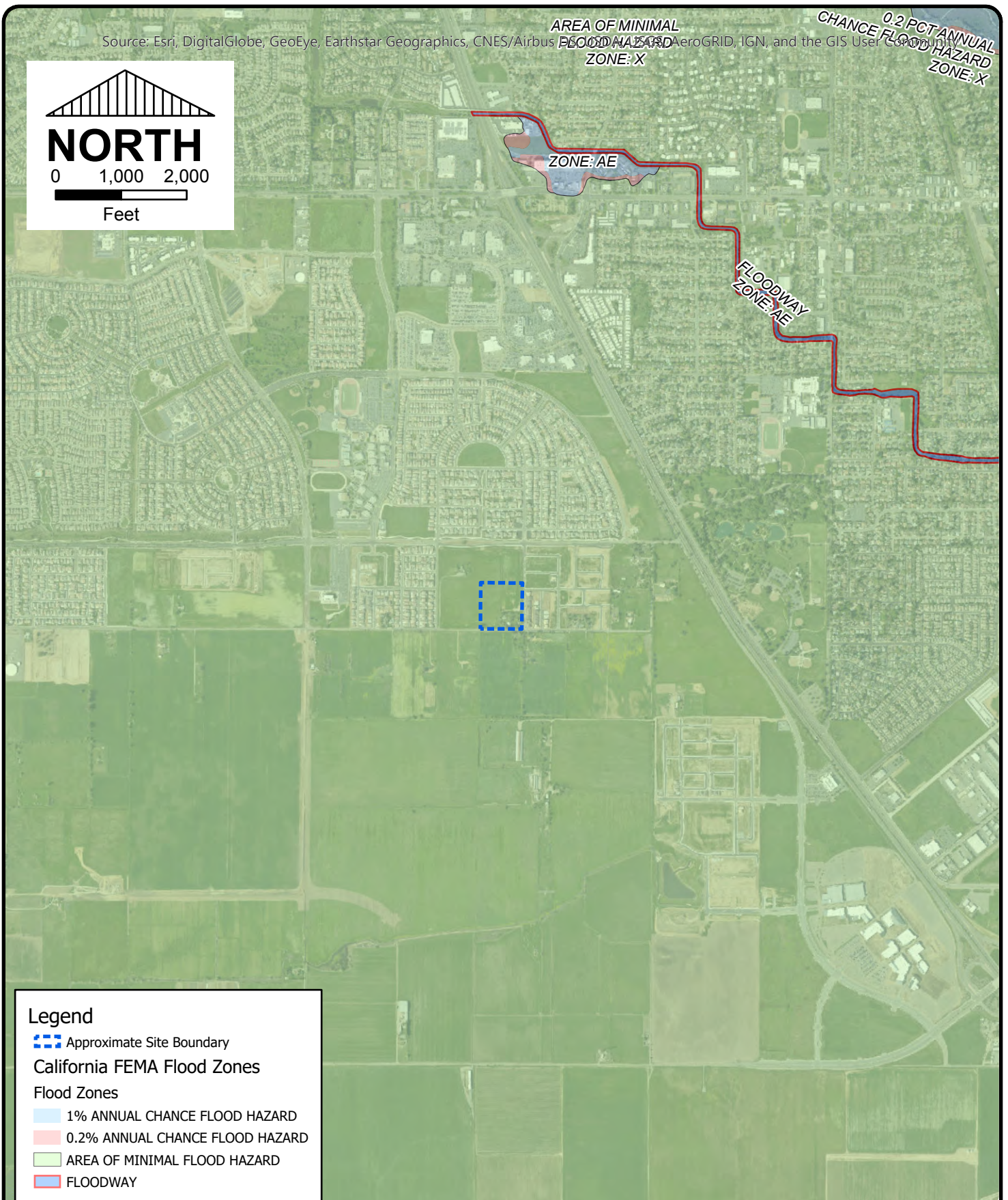
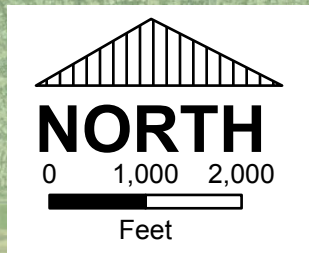
DISCLAIMER: THIS PLAN REPRESENTS FEATURES FOR ILLUSTRATION PURPOSES ONLY. IT IS NOT A LEGAL SURVEY AND IS NOT INTENDED FOR USE IN DETERMINING BOUNDARIES OR DIMENSIONS. ANY USE OF THIS PLAN FOR PURPOSES OTHER THAN LOCATION OF FEATURES IS DONE SO AT THE USER'S RISK AND WITHOUT THE CONSENT OF CONDOR EARTH.

	CONDOR EARTH 21663 Brian Lane P.O. Box 3905 Sonora, CA 95370 (209) 532-0361 fax(209) 532-0773 www.condorearth.com		Job No. 8122	GEOLOGIC MAP GEOLOGIC HAZARDS ASSESSMENT PROPOSED LAGUNA ELEMENTARY SCHOOL 8551 POPPY RIDGE ROAD ELK GROVE, CALIFORNIA	FIGURE 3
	Date 12 DEC 2019		Scale AS SHOWN		
	Drawn JW		Chk'd MC		
					F3_8122



 <p>CONDOR EARTH 21663 Brian Lane P.O. Box 3905 Sonoma, CA 95370 (209) 532-0361 fax (209) 532-0773 www.condorearth.com</p>	Job No. 8122	REGIONAL FAULT MAP GEOLOGIC HAZARDS ASSESSMENT PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL 8551 POPPY RIDGE ROAD ELK GROVE, CALIFORNIA	FIGURE 4 8122_Phase1ESA.aprx
	Date 12 Dec 2019		
	Scale AS SHOWN		
	Drawn JW		

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus, GeoEye, AeroGRID, IGN, and the GIS User Community



Legend

Approximate Site Boundary

California FEMA Flood Zones

Flood Zones

- 1% ANNUAL CHANCE FLOOD HAZARD
- 0.2% ANNUAL CHANCE FLOOD HAZARD
- AREA OF MINIMAL FLOOD HAZARD
- FLOODWAY



CONDOR EARTH

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Job No.

8122

Date

12 Dec 2019

Scale

AS SHOWN

Drawn

JW

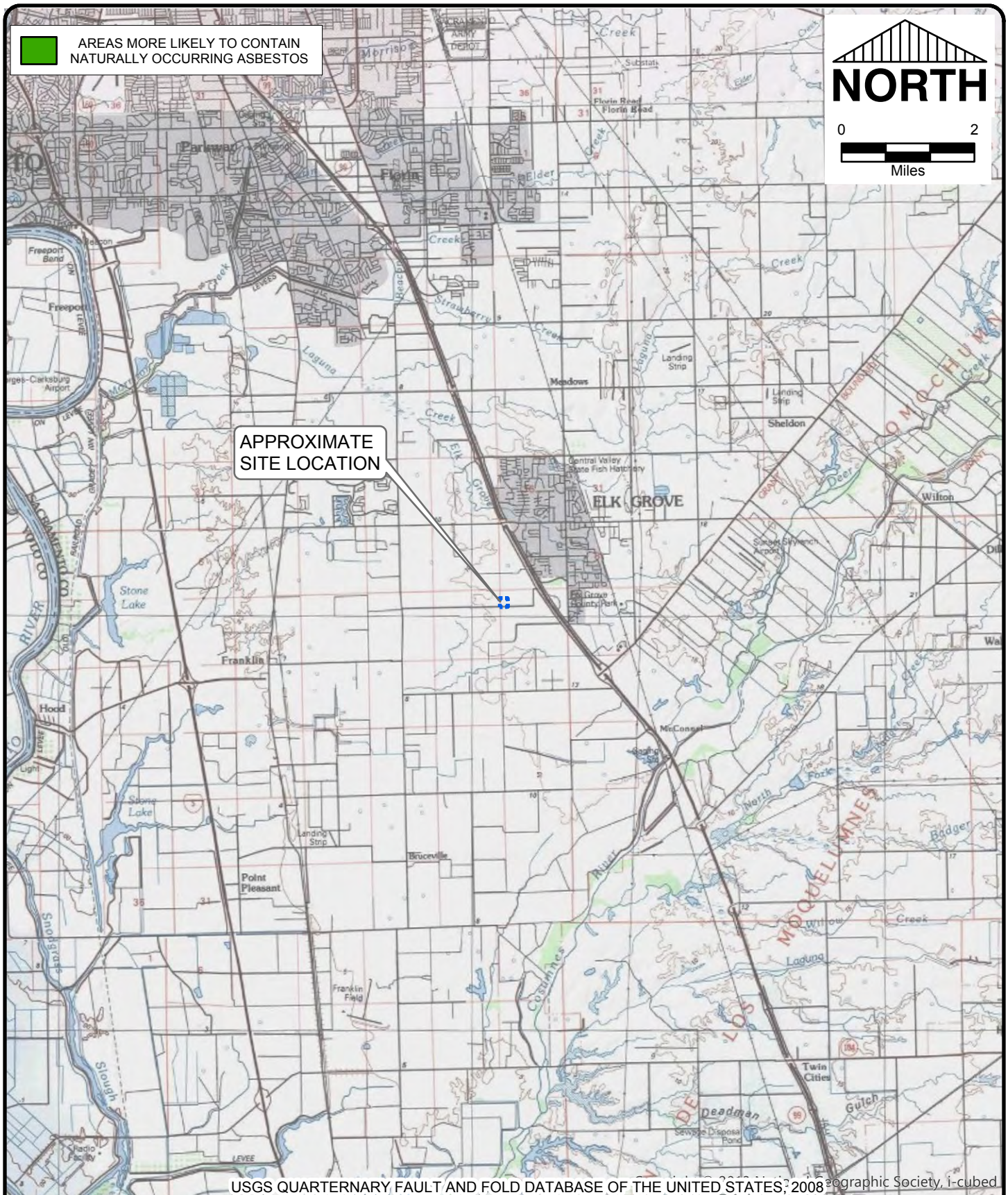
Chk'd


MC

FEMA FLOOD MAP
GEOLOGIC HAZARDS ASSESSMENT
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
8551 POPPY RIDGE ROAD
ELK GROVE, CALIFORNIA

FIGURE
5

8122_Phase1ESA.aprx



 CONDOR EARTH	21663 Brian Lane P.O. Box 3905 Sonora, CA 95370 (209) 532-0361 fax (209) 532-0773 www.condorearth.com		Job No. 8122	ULTRAMAFIC ROCK MAP GEOLOGIC HAZARDS ASSESSMENT PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL 8551 POPPY RIDGE ROAD ELK GROVE, CALIFORNIA		FIGURE 6
			Date 12 Dec 2019			
			Scale AS SHOWN			
	Drawn JW	Chk'd MC				
					8122_Phase1ESA.aprx	

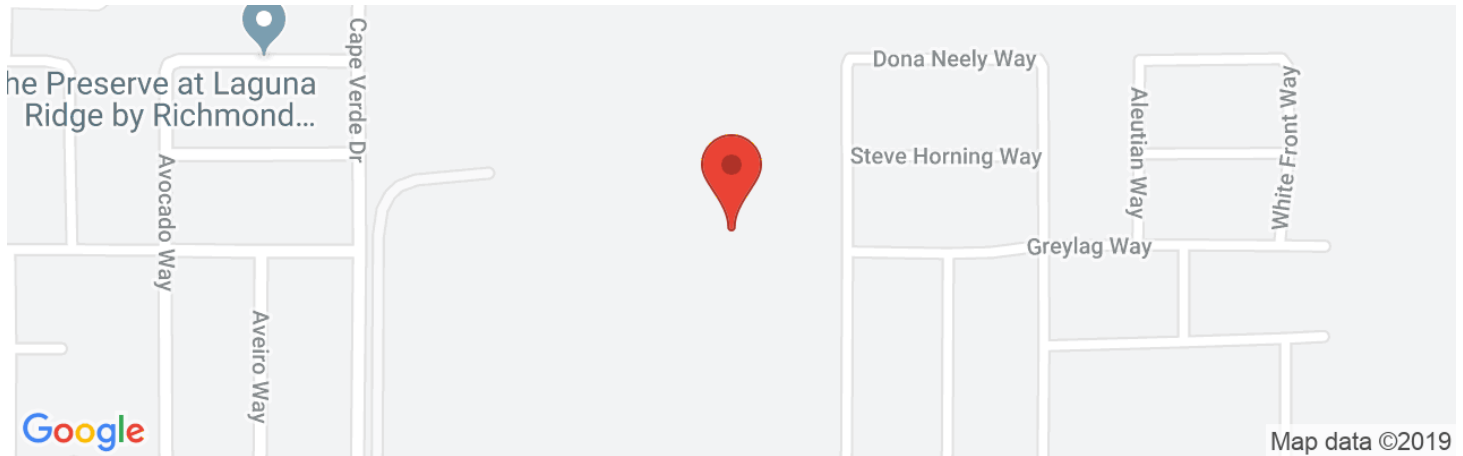
APPENDIX B
SEISMIC DESIGN PARAMETERS AND EARTHQUAKE CATALOG RESULTS



Elk Grove Elementary

8551 Poppy Ridge Rd, Elk Grove, CA 95757, USA

Latitude, Longitude: 38.392668, -121.38879400000002



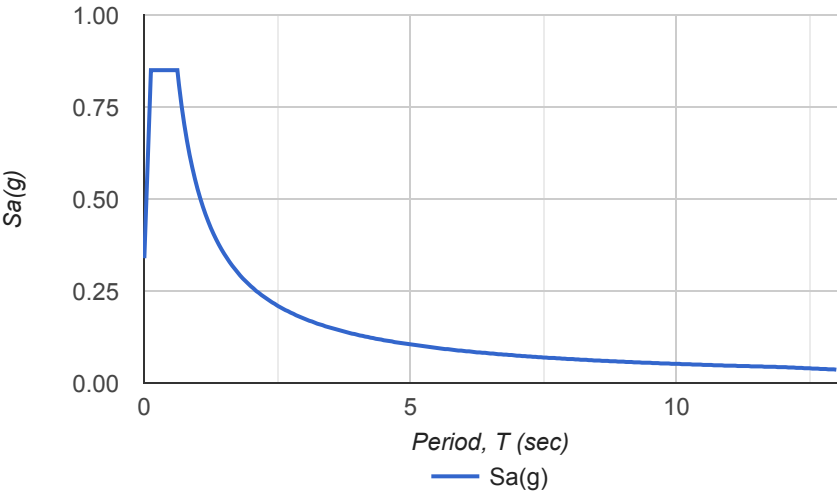
Date	10/29/2019, 11:15:59 AM
Design Code Reference Document	IBC-2015
Risk Category	II
Site Class	D - Stiff Soil

Type	Value	Description
S_S	0.675	MCE_R ground motion. (for 0.2 second period)
S_1	0.29	MCE_R ground motion. (for 1.0s period)
S_{MS}	0.851	Site-modified spectral acceleration value
S_{M1}	0.528	Site-modified spectral acceleration value
S_{DS}	0.567	Numeric seismic design value at 0.2 second SA
S_{D1}	0.352	Numeric seismic design value at 1.0 second SA

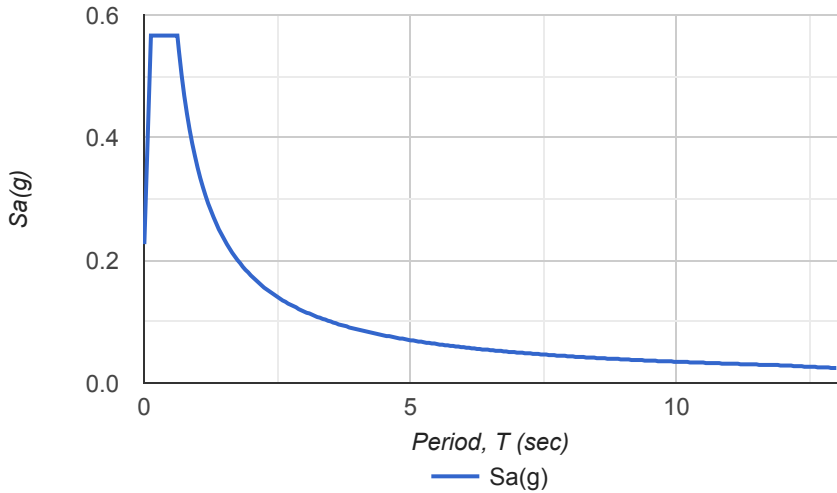
Type	Value	Description
SDC	D	Seismic design category
F_a	1.26	Site amplification factor at 0.2 second
F_v	1.82	Site amplification factor at 1.0 second
PGA	0.227	MCE_G peak ground acceleration
F_{PGA}	1.345	Site amplification factor at PGA
PGA_M	0.306	Site modified peak ground acceleration
T_L	12	Long-period transition period in seconds
S_{sRT}	0.675	Probabilistic risk-targeted ground motion. (0.2 second)
S_{sUH}	0.602	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
S_{sD}	1.5	Factored deterministic acceleration value. (0.2 second)
S_{1RT}	0.29	Probabilistic risk-targeted ground motion. (1.0 second)
S_{1UH}	0.255	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S_{1D}	0.6	Factored deterministic acceleration value. (1.0 second)
$PGAd$	0.6	Factored deterministic acceleration value. (Peak Ground Acceleration)
C_{RS}	1.121	Mapped value of the risk coefficient at short periods

Type	Value	Description
C _{R1}	1.14	Mapped value of the risk coefficient at a period of 1 s

MCER Response Spectrum



Design Response Spectrum



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APPENDIX C
OIL AND GAS WELLS

DOC DOGGR WellFinder

Settings - Location

maps.conservation.ca.gov/doggr/wellfinder/#openModal/-121.38054/38.39479/13

AppsU.S. Quaternary Fau...The Third California...Work

Well Finder

DOGGR GIS

More Info | Help | ©

+

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Home

Layers

8551 Poppy Ridge Rd, Elk Gri

×

Basemaps

Freeport Gas (ABD)

Stone Lake Gas (ABD)

Poppy Ridge Gas (ABD)

Hood-Franklin Gas

1:72,224 38.391425 -121.387926

Windows Taskbar

7:39 PM 10/25/2019

APPENDIX D
PHASE I ESA

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT
REPORT**

**PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
APN 132-0290-052**

**8551 POPPY RIDGE ROAD
ELK GROVE, SACRAMENTO COUNTY, CALIFORNIA**

Prepared for
**Elk Grove Unified School District
9510 Elk Grove-Florin Road
Elk Grove, CA 95624
(916) 686-7797**

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

**February 21, 2020
Condor Project No. 8122**

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
APN 132-0290-052
8551 POPPY RIDGE ROAD
ELK GROVE, SACRAMENTO COUNTY, CALIFORNIA**

EXECUTIVE SUMMARY

February 21, 2020

This ASTM E 1527-13 Phase I Environmental Site Assessment (ESA) was performed by Condor Earth (Condor) at the request of the Elk Grove Unified School District (Client). The assessment was performed on Assessor's Parcel Number (APN) 132-0290-052 (Site), totaling approximately 10 acres. The Site is located at 8551 Poppy Ridge Road, Elk Grove, Sacramento County, California (Figures 1 through 3, **Appendix A**).

The Site and adjacent properties were historically used as agricultural/residential land from the early 20th century. The southern portion of the property has an original homestead with a residence on the southeast corner that was constructed in 1920. Until recently, there was a second residence and a large barn located west of the eastern residence. At the time of the Site reconnaissance, there was a residential structure with a detached garage on the southeastern portion of the Site. A small pump house and well was located west of the residence and north of the former location of the barn. The residence appeared to have a basement. A heating oil above ground storage tank (with fuel) is located approximately 10 feet west of the residence. Southwest of the former western residence there was an old pole-mounted transformer that did not exhibit evidence of leakage or staining beneath it. The Site is approximately 75 percent agricultural fields divided by a former irrigation ditch that runs north-south. The Site is unpaved aside from a small semi-circular concrete driveway in the southeastern corner of the Site. An apparent historic well is located just east of the southeast corner of the residence. There were no indications of releases on the Site of large quantities (5-gallons or greater) of petroleum products. No evidence of underground fuel storage tanks was found during the Site reconnaissance or in review of environmental databases. Based on review of publicly available information, none of the properties listed in the environmental database search appear to pose a risk to the Site.

It is Condor's opinion that the current and historical application of agricultural chemicals constitutes a *recognized environmental condition* pursuant to the ASTM E 1527-13. Agricultural chemicals, including organochlorine pesticides have been extensively used in the Central Valley and are likely residual in the soil.

It is Condor's opinion that the likely application of termiticides and lead-based paint around the structures constitutes a *recognized environmental condition* pursuant to the ASTM E 1527-13. Additionally, the former barn is a likely location where agricultural chemicals were stored.

Additional services included the review of other information sources to address California Department of Education (CDE) requirements.

- There are no railroad tracks within 1,500 feet of the Site (the nearest are 8,100 feet northeast).
- There are no major roadways within 1,500 feet of the Site (the nearest is 2,500 feet northeast).
- Electrical distribution power lines are located along the south side of Poppy Ridge Road. There are no high voltage electrical transmission lines within 0.5 mile of the Site.
- There are no high-pressure pipelines within 1,500 feet of the Site. Natural gas transmission lines are located greater than 0.5 mile from the Site.



- According to DOGGR, no active gas or oil wells are located within 0.5 mile of the Site (the nearest well is over 9,000 feet northwest of the Site), and the Site is not within a known oil or gas field.
- According to information received from SMAQMD, no hazardous air emissions facilities were identified within 0.25 mile of the Site.
- The Site is not within 10 miles of the nearest rock units suspected to contain naturally occurring asbestos (the nearest are 26 miles northeast).
- There are no active airports within 2 nautical miles of the Site (the nearest is 5 nautical miles).

Condor recommends that a Preliminary Environmental Assessment (PEA) be conducted under DTSC oversight to evaluate the Site in accordance with DTSC protocols for school sites.

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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APPENDICES

APPENDIX A

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Site Photographs

APPENDIX C

EDR™ Radius Map with GeoCheck®

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Historical Topographic Maps
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APPENDIX E

User Questionnaire
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APPENDIX F

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
APN 132-0290-052
8551 POPPY RIDGE ROAD
ELK GROVE, SACRAMENTO COUNTY, CALIFORNIA**

February 21, 2020

1.0 INTRODUCTION

Elk Grove Unified School District (Client) retained Condor Earth (Condor) to conduct a Phase I Environmental Site Assessment (ESA) for Assessor's Parcel Number (APN) 132-0290-052 (referred to hereinafter as "Site"), totaling approximately 10 acres. The Site is located at 8551 Poppy Ridge Road, Elk Grove, California (Figures 1 through 3, **Appendix A**). The Site is being considered for acquisition by the Client.

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.

This Phase I ESA has two distinct components.

1. A Phase I Environmental Site Assessment (ESA) performed in accordance with American Society for Testing and Materials (ASTM) Designation: E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and is hereinafter referred to as an ASTM Phase I ESA. All opinions expressed herein are based upon the evidence reviewed and the assumptions made during the assessment.
2. An assessment directed to address California Education Code and Public Resources Code requirements. These activities focus on investigating for the presence of identifiable hazardous materials and the proximity of hazardous air emissions, high voltage power lines, pipelines, railroads, and current and proposed airport runways.

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 Condor's 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 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**. The local Air Resources District correspondence is included in **Appendix H**.

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 8122 dated October 1, 2019 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, **November 18, 2019**. 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 southwesterly 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 groundwater monitoring associated with the Shell-branded Service Station property¹ located approximately 1.5 miles northeast of the Site, and topographic relief.

1.4 SPECIAL TERMS AND CONDITIONS

None noted.

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 parcel comprises approximately 10 acres designated as APN 132-0290-052 located in a primarily residential 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 Florin, 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 Site is located in the northwestern portion of Section 12, Township 6 North, Range 5 East of the Mount Diablo Base and Meridian, at approximately North Latitude 38.3921 and West Longitude -121.3890. The average elevation of the Site is approximately 33 feet above mean sea level.

The Site is located in the northern portion of the San Joaquin Valley in Sacramento County approximately 1.4 miles southwest of downtown Elk Grove. Poppy Ridge Road adjoins the Site to the south and Lousada Drive adjoins the Site to the east. State Highway 99 is located approximately 0.5 miles to the east. The regional drainage that includes the Site drains toward the southwest and to a series of canals and ditches located approximately 1.3 miles southwest of the Site. The FEMA FIRM map indicates the Site located in Zone X which is an area of minimal flood hazard.

2.2 SITE GEOLOGY

The Site is located in the southern Sacramento Valley in the Great Valley Geomorphic Province of California. The Sacramento Valley together with the San Joaquin Valley comprise the Great Valley, a northwest-trending, west-dipping geosyncline in-filled with as much as six vertical miles of sediment. The geosyncline is sub-divided into three basins. The Stockton arch, a broad structure bounded on the north by the Stockton fault but with a poorly defined southern limit, separates the Sacramento Valley in the north from the San Joaquin Valley to the south. The Bakersfield arch separates the Maricopa-Tejon subbasin at the south end of the San Joaquin Valley from the remainder of the San Joaquin sedimentary basin. Neither arch has appreciable structural relief (Bartow, 1991). The Great Valley lies between the Coast Ranges to the west and the Sierra Nevada Range to the east. Regionally, the lithology of the upper 3,000 feet of sediment within the Great Valley is derived from the Sierra Nevada range to the east and the Coast Range Mountains to the west. Locally sediments are 1,000 to 2,000 feet thick.

¹ Groundwater Monitoring Report-First Quarter 2006, Shell-branded Service Station., 8901 Elk Grove Boulevard, Elk Grove, CA, April 10, 2006, Cambria Environmental Technology, Inc.



The Coast Range Mountains generally consist of northwest trending ridges of Franciscan Assemblage and granitic basement rocks. 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). Structurally, the Coast Range - Sierra Nevada Block Boundary Zone, a regional geological boundary separating Franciscan basement rocks of the Coast Range from granitic basement rocks of the Sierra Nevada Range, is present at depth near the western margin of the Great Valley Geomorphic Province. According to the US Department of Agriculture, the soil is mapped as San Joaquin silt loam, a moderately well-drained soil type with high runoff class. Based on Site reconnaissance, the soil appeared to be a sandy loam to silty loam.

According to published geologic maps, the Site is not near ultramafic rocks and the nearest are approximately 26 miles east-northeast of the Site. Naturally occurring asbestos (NOA) is associated with ultramafic rocks and because the nearest are greater than 10 miles away, NOA does not appear to pose a risk to the Site. Based on a review of available well records, groundwater in the vicinity is anticipated to be approximately 80 feet below ground surface (bgs) and likely varies between 50 and 150 feet bgs.

2.3 CURRENT USES OF THE PROPERTY

Sacramento County Assessor's Office property use for the Site is indicated as vacant. Based on Site reconnaissance, the northern and southwestern portions of the Site are agricultural land and the southeastern portion of the Site has two residences with garages and a barn.

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON SITE

There are two residential structures and one farm structure in the southeastern portion of the Site. The Site is approximately 75 percent agricultural fields and approximately 25 percent residential. The Site is unpaved aside from a small semi-circular driveway in the southeastern corner of the Site. Electrical lines are located in the southeastern portion of the Site that supplies power to the residential area of the Site.

2.5 CURRENT USES OF THE ADJOINING PROPERTIES

The adjoining properties are agricultural/residential to the north, west, and south of the Site. A residential neighborhood adjoins the Site to the east.

3.0 USER PROVIDED INFORMATION

3.1 TITLE RECORDS

No title records were provided by the Client.

3.2 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.

3.3 SPECIALIZED KNOWLEDGE

None noted.



3.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The Client indicated that the purchase price reasonably reflects fair market value for the Site property (User Questionnaire, **Appendix E**). 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.

3.5 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

Information obtained from the ParcelQuest indicated the current owner of the Site parcel as Big Horn RBVP LP. Current occupants are renters. The residence was constructed in 1920.

3.6 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 proposed future school construction by the Client.

3.7 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 8 database entries were returned including 3 records of state- and tribal – equivalent CERCLIS, 2 records of Sacramento Co. ML, 1 record of Statewide Environmental Evaluation and Planning Systems UST (SWEEPS UST), 1 record of CA FID underground storage tank (UST), and 1 record of historic UST (HIST UST). The listings in the general and immediate vicinity of the Site are primarily a Baronis Lawnmower Shop and Krull Dairy. The majority of the database listings are related to these businesses. Other listings are for nearby school site evaluations that were approved by DTSC.

Krull Dairy is listed at 8540 Poppy Ridge Road which across Poppy Ridge Road to the southeast. This location is listed on the SWEEPS, historical UST, Sacramento Co. ML, and FID UST State databases. The Site had a 300-gallon UST tank containing regular unleaded fuel. This location does not appear to pose a risk to the Site due to distance and assumed southwesterly groundwater gradient direction away from the Site.

The former Baronis Lawnmower Shop is listed at 8520 Poppy Ridge Road located across Poppy Ridge Road. This location is listed on the Sacramento Co. ML State databases. The Site does not have any reported USTs. This location does not appear to pose a risk to the Site.

Additional locations listed are greater than 1,000 feet from the Site, are not upgradient with respect to groundwater gradient direction, and do not appear to pose a risk to the Site.



None of the listed locations appear to pose a significant risk to the Site based on listing type, regulatory status, and distance.

4.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

4.2.1 State Water Resource's Control Board

There were no publicly available records available for nearby properties.

4.2.2 Sacramento County Environmental Management

The Sacramento County Environmental Management had no incidents regarding hazardous materials releases and no files for the Site. There are no entities for any database locations within 0.25 mile of the Site.

4.3 HISTORICAL USE INFORMATION FOR THE SITE

Historical use information pertaining to the Site was researched using historical USGS topographic maps, aerial photographs, Sanborn fire insurance maps, and city directories information provided by EDR™. Copies of the maps, photographs, and directories are included in **Appendix D**. Sanborn Fire Insurance map coverage did not include the vicinity.

Topographic Maps

USGS topographic maps dated 1894, 1909-1910, 1941, 1947, 1968, 1975, 1979-1980, and 2012 were reviewed. The **1894** map shows the Site as undeveloped rural land. The **1909-1910** map shows the Site has a road along the southern boundary. The **1941** map shows three structures in the southeastern portion of the parcel and the rest of the Site is an orchard. The **1947** map shows no apparent changes to the Site. The **1968** map does not indicate an orchard and the structures are shown in a different configuration. There are no apparent changes in subsequent maps.

Aerial Photographs

Aerial photographs dated 1937, 1947, 1957, 1964, 1966, 1972, 1984, 1993, 1998, 2006, 2009, 2012, and 2016 were reviewed. The **1937** photo shows the Site as having orchards in the northern and southwestern portions of the Site with structures in the southeastern portion of the Site. The **1947** photo shows no apparent changes to the Site. The **1957** photo shows the orchard has been removed. The **1964** photo shows the configuration of structures as they were until recently on southeastern portion of the Site. A western residence, a large barn, an eastern residence, and a detached garage are visible. The remainder of the Site has been graded for agricultural use. Continued agricultural use is shown subsequent photos of the Site. In recent photographs available in Google® Earth™, it appears that when residential development began on the eastern adjoining property in 2018, a portion of the Site along Lousada Drive and north of the residence was used for temporary storage of construction materials including soil, gravel, and landscape materials.

City Directories

City directory information for the Site, and the Site address was listed in City Directories as provided by EDR™. Site address 8551 Poppy Ridge Road was listed as Ponti E J in 1980, 1985, and 1989; as XXXX in 1994; not listed in 1999; as Occupant Unknown in 2005 and 2010; and as James H Mase in 2014.



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 1894, 1909-1910, 1941, 1947, 1968, 1975, 1979-1980, and 2012 were reviewed for the adjoining properties. The **1894** map indicates the adjoining properties were undeveloped rural land. The **1909-1910** map indicates a road along the southern Site boundary. A main road east of the Site is named Upper Stockton Road. A stream is located south of the Site. The **1941 and 1947** maps indicate structures to the west, east, and south of the Site. Orchards are located on the eastern, northern, and western adjoining properties. The main road east of the Site is Highway 99/50 with transmission and phone lines that run parallel to the road. Elk Grove Park is located east of the highway. Secondary highways are located north and south of the Site. A stream is located north of the northern secondary highway and east of Highway 99/50. The **1968** map shows the addition of structures to the east and west of the Site. The orchards have been removed from the eastern, northern and western adjoining properties. The structures on the south-eastern adjoining property across Poppy Ridge Road have been replaced. Neighborhood growth is shown northeast of the Site. The **1975** map shows the addition of small and large structures on the southeastern adjoining property across Poppy Ridge Road. Additional neighborhood growth is shown northeast of the Site in **1975 and 1979-1980** and additional neighborhood growth is shown north-northwest of the Site in **2012**.

Aerial Photographs

Aerial photographs dated 1937, 1947, 1957, 1964, 1966, 1972, 1984, 1993, 1998, 2006, 2009, 2012, and 2016 were reviewed for the adjoining properties. The **1937** photo shows the adjoining properties are rural residential with orchards and agricultural land. The **1947** photo shows the southern orchard has been removed and replaced with agricultural land. The **1957** photo shows the northern, western, and northwestern adjoining orchards have been removed. Additional farm structures are located on the south-southeast of the Site. The **1964 and 1966** photos show no apparent changes to the adjoining properties. The **1972** photo shows rural residential development east of the Site. The **1984** photo shows a additional rural residential development east of the Site, a large structure and small structures south of the Site, and a rural residence southwest of the Site. The **1993** photo shows the addition of residential structures to the southwest and northwest of the Site. No apparent changes are shown in subsequent photos until the **2016** photo which shows residential development west and north of the Site.

City Directories

City directory information for adjoining properties was reviewed and adjoining property addresses are primary rural residential.

5.0 SITE RECONNAISSANCE

5.1 METHODOLOGY AND LIMITING CONDITIONS

A walking reconnaissance of the Site and surrounding area was performed on November 18, 2019 in accordance with the ASTM practice by the Environmental Professional. The western residence and barn had been demolished and removed from the Site two days prior.



5.2 EXTERIOR OBSERVATIONS

There was a residential structure with a detached garage on the southeastern portion of the Site. A small pump house and well was located west of the residence and north of the former location of the barn. The residence appeared to have a basement. A heating oil above ground storage tank (AST) (with fuel) is located approximately 10 feet west of the residence. Southwest of the former western residence there was an old pole-mounted transformer that did not exhibit evidence of leakage or staining beneath it. The Site is approximately 75 percent agricultural fields divided by a former irrigation ditch that runs north-south. The Site is unpaved aside from a small semi-circular concrete driveway in the southeastern corner of the Site. An apparent historic well is located just east of the southeast corner of the residence. Electrical lines are located in the southeastern portion of the Site that supplies power to the residential area of the Site. 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
2. Sewage disposal
3. Hazardous substances and petroleum products in connection with identified uses: a heating oil AST west of the residence.
4. Storage tanks: heating oil AST.
5. Odors
6. Pools of liquid
7. Drums
8. Hazardous substances and petroleum products containers: see #3 above.
9. Unidentified Substance Containers
10. Polychlorinated biphenyls (PCBs): one old pole-mounted transformer (unmarked) located west of the residence.
11. Stained soil or pavement
12. Pits, ponds, or lagoons
13. Stressed vegetation
14. Solid waste
15. Waste water
16. Wells: one historic well east of the residence and one active well west of the residence.
17. Septic Systems

5.3 INTERIOR OBSERVATIONS

No structures were entered.

6.0 INTERVIEWS

Condor interviewed the Site owner by telephone. To the best of their knowledge, there haven't been any underground storage tanks on Site in the past, and the residence uses heating oil for the furnace. The barn had a shallow excavation (two to three feet deep) for an above-ground pool inside the barn prior to demolition. The Environmental Professional filled out the Owner Questionnaire during the interview and Site reconnaissance (**Appendix E**).



7.0 ADDITIONAL SERVICES

7.1 CALIFORNIA EDUCATION AND PUBLIC RESOURCES CODE REQUIREMENTS

7.1.1 High Voltage Power Lines, Gas Lines/Wells, and Railroad Tracks within Site Vicinity

Based on review of topographic maps, aerial photos, and the Site reconnaissance, there are no railroad tracks or major roadways within 1,500 feet of the Site. The nearest railroad tracks are approximately 8,100 feet northeast of the Site. The nearest major roadway is California State Route 99, located approximately 2,500 feet northeast of the Site. According to the National Pipeline Hazard Mapping System, no underground gas or petroleum pipelines are located within 0.5 mile of the Site: the nearest high-pressure natural gas line is more than one mile north of the Site. Electrical distribution lines are located on the south side of Poppy Ridge Road. There are no high voltage electrical transmission lines within 0.5 mile of the Site.

The California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) Internet site was viewed to ascertain if any gas or oil wells are located in the vicinity of the Site. According to DOGGR, no active gas or oil wells are located within 0.5 miles of the Site (the nearest historic well is over 9,000 feet northwest of the Site), and the Site is not within a known oil or gas field.

7.1.2 Hazardous Air Emissions within 0.25 Mile of the Site

Condor requested the Sacramento Metropolitan Air Quality Management District (SMAQMD) review their records to identify facilities within 0.25 mile of the Site that may produce hazardous air emissions. SMAQMD had no records on file for locations within 0.25 mile of the Site (Appendix H).

7.1.3 State Fire Marshal Pipeline Safety Program within One Mile of the Site

The Office of State Fire Marshal, Pipeline Safety Program (OSFM) was contacted regarding pipelines in the vicinity of the Site. A PG&E representative stated that there were no underground utilities within 1,500 feet of the Site. The active PG&E natural gas transmission pipeline is more than one mile north of the Site, and the active Kinder Morgan petroleum products pipeline approximately two miles east of the Site along Grant Line Road and along the Southern Pacific Railroad line.

7.1.4 Existing and Proposed Airports within Two Nautical Miles of the Site

There are no existing or proposed airports within two nautical miles of the Site. Franklin Field Airport (the nearest airport) is located approximately five nautical miles southwest of the Site.

8.0 ADDITIONAL SERVICES

None requested.

9.0 FINDINGS

The Site comprises approximately 10 acres of agricultural/residential property located at 8551 Poppy Ridge Road, Elk Grove, California and designated as APN 132-0290-052. The Site and adjacent properties were historically used as agricultural/residential land from the early 20th century. The southern portion of the property has an original homestead with a residence on the southeast corner that was constructed in 1920. Until recently, there was a second residence and a large barn located west of the eastern residence. At the time of the Site reconnaissance, there was a residential structure with a detached garage on the southeastern portion of the Site. A small pump house and well was located west of the residence and north of the former location of the barn. The residence appeared to have a basement. A heating oil above ground storage tank (with fuel) is located approximately 10 feet west of the residence.



Southwest of the former western residence there was an old pole-mounted transformer that did not exhibit evidence of leakage or staining beneath it. The Site is approximately 75 percent agricultural fields divided by a former irrigation ditch that runs north-south. The Site is unpaved aside from a small semi-circular concrete driveway in the southeastern corner of the Site. An apparent historic well is located just east of the southeast corner of the residence. There were no indications of releases on the Site of large quantities (5-gallons or greater) of petroleum products. No evidence of underground fuel storage tanks was found during the Site reconnaissance or in review of environmental databases. Based on review of publicly available information, none of the properties listed in the environmental database search appear to pose a risk to the Site.

Additional services included the review of other information sources. Based on historical use review, file review, and the Site reconnaissance, the following information was obtained:

- There are no railroad tracks within 1,500 feet of the Site (the nearest are 8,100 feet northeast).
- There are no major roadways within 1,500 feet of the Site (the nearest is 2,500 feet northeast).
- Electrical distribution power lines are located along the south side of Poppy Ridge Road. There are no high voltage electrical transmission lines within 0.5 mile of the Site.
- There are no high-pressure pipelines within 1,500 feet of the Site. Natural gas transmission lines are located greater than 0.5 mile from the Site.
- According to DOGGR, no active gas or oil wells are located within 0.5 mile of the Site (the nearest well is over 9,000 feet northwest of the Site), and the Site is not within a known oil or gas field.
- According to information received from SMAQMD, no hazardous air emissions facilities were identified within 0.25 mile of the Site.
- The Site is not within 10 miles of the nearest rock units suspected to contain naturally occurring asbestos (the nearest are 26 miles northeast).
- There are no active airports within 2 nautical miles of the Site (the nearest is 5 nautical miles).

10.0 OPINIONS AND CONCLUSIONS

We (Condor) have performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 for APN 132-0290-052, located at 8551 Poppy Ridge Road, Elk Grove, 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 current and historical application of agricultural chemicals constitutes a *recognized environmental condition* pursuant to the ASTM E 1527-13. Agricultural chemicals, including organochlorine pesticides have been extensively used in the Central Valley and are likely residual in the soil.

It is Condor's opinion that the likely application of termiticides and lead-based paint around the structures constitutes a *recognized environmental condition* pursuant to the ASTM E 1527-13. Additionally, the former barn is a likely location where agricultural chemicals were stored.

It is Condor's opinion that there are no factors relating to the Site that could be considered *historical or controlled recognized environmental conditions* pursuant to the ASTM Standard.

Condor recommends that a Preliminary Environmental Assessment (PEA) be conducted under DTSC oversight to evaluate the Site in accordance with DTSC protocols for school sites.



11.0 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 owner interviews were not conducted. The contact information for past owners was not readily available.

This is not considered a significant deviation since the Site use history is well-documented.

12.0 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 Sacramento County, California, 06067C0319H, dated August 16, 2012.
2. GeoCheck® Physical Setting Source Summary, provided by EDR™, dated October 21, 2019.
3. Parcel Quest®, parcel identification, on-line information, <http://www.parcelquest.com>.
4. Site reconnaissance, November 18, 2019.
5. USGS Florin, 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, November 18, 2019.

HISTORICAL USE INFORMATION ON SITE AND ADJOINING PROPERTIES

8. Aerial photographs dated 1937, 1947, 1957, 1964, 1966, 1972, 1984, 1993, 1998, 2006, 2009, 2012, and 2016 obtained from EDR™.
9. Historical USGS topographic maps dated 1894, 1909-1910, 1941, 1947, 1968, 1975, 1979-1980, and 2012, obtained from EDR™.

RECORDS REVIEW

10. California State Water Resource Control Board website: <http://geotracker.swrcb.ca.gov/reports>.
11. EDR™ Radius Map and Report, dated October 21, 2019.

REPORT STANDARDS

12. ASTM E 1527-13.



13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Condor has over 75 years 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 17 years of experience conducting environmental assessments in California for public agencies and commercial businesses. Mr. Dewitt has performed Environmental Assessments under regulatory oversight on over 40 school sites.

14.0 ENVIRONMENTAL PROFESSIONAL'S STATEMENT AND SIGNATURE

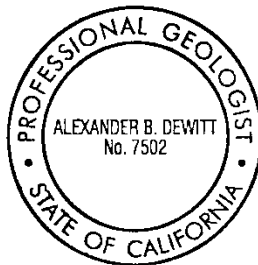
I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312. Further, I declare that I have the specific qualifications based on education, training, and experience to assess a property of the nature, 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:



Alexander B. Dewitt, CA PG No. 7502
Vice President, Environmental Services



2/21/2020

ASSISTED BY:

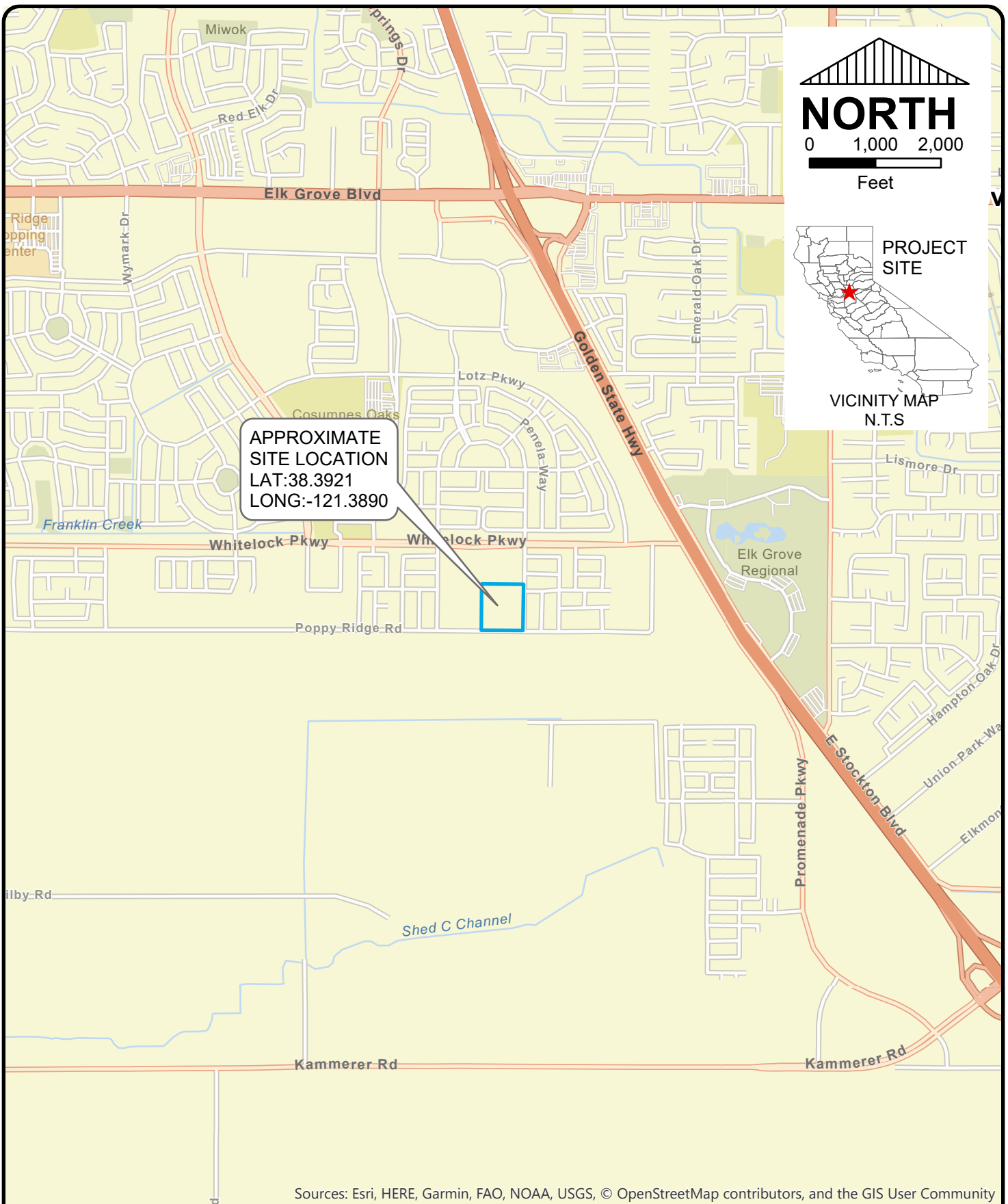


Rebecca Selvage
Environmental Specialist


X:\Project\8000_prj\8122 EGUSD Laguna Ridge School ESA\Reports\Phase I ESA\FR 20200221.docx



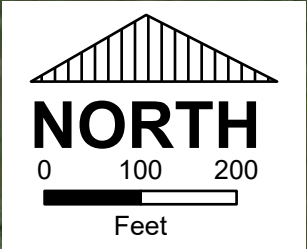
APPENDIX A




Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

	CONDOR EARTH 21663 Brian Lane P.O. Box 3905 Sonora, CA 95370 (209) 532-0361 fax (209) 532-0773 www.condorearth.com		Job No. 8122	VICINITY MAP PHASE I ESA PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL 8551 POPPY RIDGE ROAD ELK GROVE, CALIFORNIA	FIGURE 1
	Date 22 Oct 2019		Scale AS SHOWN		
	Drawn KGM		Chk'd ABD		

8122_Phase1ESA.aprx



BACKGROUND IMAGE: ESRI DIGITAL GLOBE 2017

	CONDOR EARTH		Job No.	8122	SITE MAP PHASE I ESA PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL 8551 POPPY RIDGE ROAD ELK GROVE, CALIFORNIA	FIGURE 2
	21663 Brian Lane P.O. Box 3905 Sonora, CA 95370 (209) 532-0361 fax (209) 532-0773 www.condorearth.com		Date	22 Oct 2019		
			Scale	AS SHOWN		
	Drawn	Chk'd				
	KGM	ABD				8122_Phase1ESA.aprx



NORTH

0 100 200



Feet

1320290051

1320290004

1320290052

POPPY RIDGE

1320290016

1320290017

1320290018

1322550080	1322550001	1322550002	1322550003	1322550004	1322550005
1322550079	DONA NEELY				
1322550067	1322550068	1322550069	1322550070	1322550071	1322550075
1322550066	STEVE HORNING				
1322550055	1322550056	1322550057	1322550058	1322550059	1322550062
1322550047	1322550048	1322550049	1322550050	1322550051	1322550052
1322550046	1322550045	1322550044	1322550043	1322550042	1322550041
1322550031	1322550032	1322550033	1322550036	1322550037	1322550038
1322550039	1322550040	1322550039	1322550039	1322550039	1322550039

LOUSADA

RICHARD IBARRA



CONDOR EARTH

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Job No.

8122

Date

22 Oct 2019

Scale

AS SHOWN

Drawn

KGM

Chk'd

ABD

APN MAP
PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
8551 POPPY RIDGE ROAD
ELK GROVE, CALIFORNIA

FIGURE
3

8122_Phase1ESA.aprx

APPENDIX B

PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 1: Looking north at the southeast corner of the Site from the intersection of Poppy Ridge and Lousada.



Photo 2: Looking north at the southwest corner of the residence.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 3: Looking east at the western wall of the residence and heating oil tank.



Photo 4: East side of heating oil tank where fuel is piped toward the residence.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 5: Western wall of the residence looking east.



Photo 6: Looking north at the southeast corner of the residence and historic well (painted red at right).



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 7: Looking west at the east side of the residence.



Photo 8: Looking west at the detached garage located north of the residence.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 9: Looking southwest at the north wall of the garage.



Photo 10: Looking north at the small orchard north of the garage.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 11: Looking south from northwest corner of garage at north wall of residence. Note cellar/basement entrance.



Photo 12: Looking west at the yard north of the residence and garage (orchard area).



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 13: Looking west at the former barn area west of the residence.



Photo 14: Looking north at the former barn area and western residence recently removed.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 15: Looking northeast at the pressure tank and well house located north of the former barn.



Photo 16: Interior of the well house with electrical breaker box.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 17: Looking west at former western residence recently removed. Pole-mounted transformer is in background left.



Photo 18: Pole-mounted transformer located southwest of former western residence.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 19: Pole-mounted transformer depicted in previous photos. No signs of leakage.



Photo 20: Ground directly beneath the pole-mounted transformer depicted in previous photos. No stressed vegetation or observable soil staining was evident.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 21: Looking southwest at the southwestern portion of the Site. Poppy Ridge Road is in the background where the electrical distribution lines are seen.



Photo 22: Looking west at the southwestern portion of the Site. The tree at left is just outside the southwest corner of the Site.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 23: Looking west from the eastern portion of the Site near Lousada Drive.



Photo 24: Area along Lousada Drive where utility sand has been temporarily stored during construction on the eastern adjoining residential development.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
SITE RECONNAISSANCE, NOVEMBER 18, 2019



Photo 25: Looking north at agricultural field with central irrigation ditch running north-south.



Photo 26: Looking east toward Lousada Drive and northeastern portion of the Site.



PHASE I ESA
PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
GOOGLE® EARTH™ STREET VIEW IMAGERY, FEBRUARY 2019



Photo 27: Looking north from Poppy Ridge Road.



Photo 28: Looking northeast at former western residence and pole-mounted transformer from Poppy Ridge Road.



APPENDIX C

Proposed Laguna Ridge Elementary School

8551 Poppy Ridge Road
Elk Grove, CA 95757

Inquiry Number: 5838067.2s
October 21, 2019

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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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

8551 POPPY RIDGE ROAD
ELK GROVE, CA 95757

COORDINATES

Latitude (North):	38.3918170 - 38° 23' 30.54"
Longitude (West):	121.3888360 - 121° 23' 19.80"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	640707.8
UTM Y (Meters):	4250311.5
Elevation:	41 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619710 FLORIN, CA
Version Date:	2012
Northeast Map:	5629052 ELK GROVE, CA
Version Date:	2012
Southeast Map:	5629056 GALT, CA
Version Date:	2012
Southwest Map:	5619684 BRUCEVILLE, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140621
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
8551 POPPY RIDGE ROAD
ELK GROVE, CA 95757

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	BARONIS LAWNMOWER SH	8520 POPPYRIDGE RD	Sacramento Co. ML	Higher	66, 0.013, South
A2	KRULL DAIRY	8540 POPPY RIDGE RD	SWEEPS UST, CA FID UST, Sacramento Co. ML	Higher	399, 0.076, ESE
A3	KRULL DAIRY	8540 POPPY RIDGE RD	HIST UST	Higher	399, 0.076, ESE
4	LAGUNA RIDGE HIGH/MI	NEW POPPY RIDGE ROAD	ENVIROSTOR, SCH	Lower	2772, 0.525, NW
B5	ELEMENTARY SCHOOL NO	BOTHWELL DRIVE/VINTA	ENVIROSTOR, SCH	Higher	4781, 0.905, ENE
B6	EDNA BATEY ELEMENTAR	BRADSHAW ROAD/ELK GR	ENVIROSTOR, SCH	Higher	4781, 0.905, ENE

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-SQG..... RCRA - Small 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

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases
Sacramento Co. CS..... Toxic Site Clean-Up List

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Active UST Facilities
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
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

EXECUTIVE SUMMARY

HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
CDL.....	Clandestine Drug Labs
CERS HAZ WASTE.....	CERS HAZ WASTE
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

CERS TANKS.....	California Environmental Reporting System (CERS) Tanks
-----------------	--

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

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
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

EXECUTIVE SUMMARY

FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
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
HIST CORTESE.....	Hazardous Waste & Substance Site List
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)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
-------------	--

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

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 07/29/2019 has revealed that there are 3 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>
<i>ELEMENTARY SCHOOL NO</i> Status: No Action Required Facility Id: 34010005	<i>BOTHWELL DRIVE/VINTA</i>	<i>ENE 1/2 - 1 (0.905 mi.)</i>	<i>B5</i>	<i>13</i>
<i>EDNA BATEY ELEMENTAR</i> Status: No Action Required Facility Id: 34020001	<i>BRADSHAW ROAD/ELK GR</i>	<i>ENE 1/2 - 1 (0.905 mi.)</i>	<i>B6</i>	<i>15</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LAGUNA RIDGE HIGH/MI</i> Status: No Action Required Facility Id: 34010026	<i>NEW POPPY RIDGE ROAD</i>	<i>NW 1/2 - 1 (0.525 mi.)</i>	<i>4</i>	<i>10</i>

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KRULL DAIRY Status: A Tank Status: A Comp Number: 47945	8540 POPPY RIDGE RD	ESE 0 - 1/8 (0.076 mi.)	A2	8

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KRULL DAIRY Facility Id: 00000047945	8540 POPPY RIDGE RD	ESE 0 - 1/8 (0.076 mi.)	A3	9

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KRULL DAIRY Facility Id: 34007176 Status: A	8540 POPPY RIDGE RD	ESE 0 - 1/8 (0.076 mi.)	A2	8

Other Ascertainable Records

Sacramento Co. ML: Sacramento County Master List. Any business that has hazardous materials on site - hazardous materials storage sites, underground storage tanks, waste generators.

A review of the Sacramento Co. ML list, as provided by EDR, and dated 05/06/2019 has revealed that there are 2 Sacramento Co. ML 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>
BARONIS LAWNMOWER SH	4820 POPPYRIDGE RD	S 0 - 1/8 (0.013 mi.)	1	8

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KRULL DAIRY Facility Status: Inactive. Included on a listing no longer updated. Facility Id: G01777	8540 POPPY RIDGE RD	ESE 0 - 1/8 (0.076 mi.)	A2	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

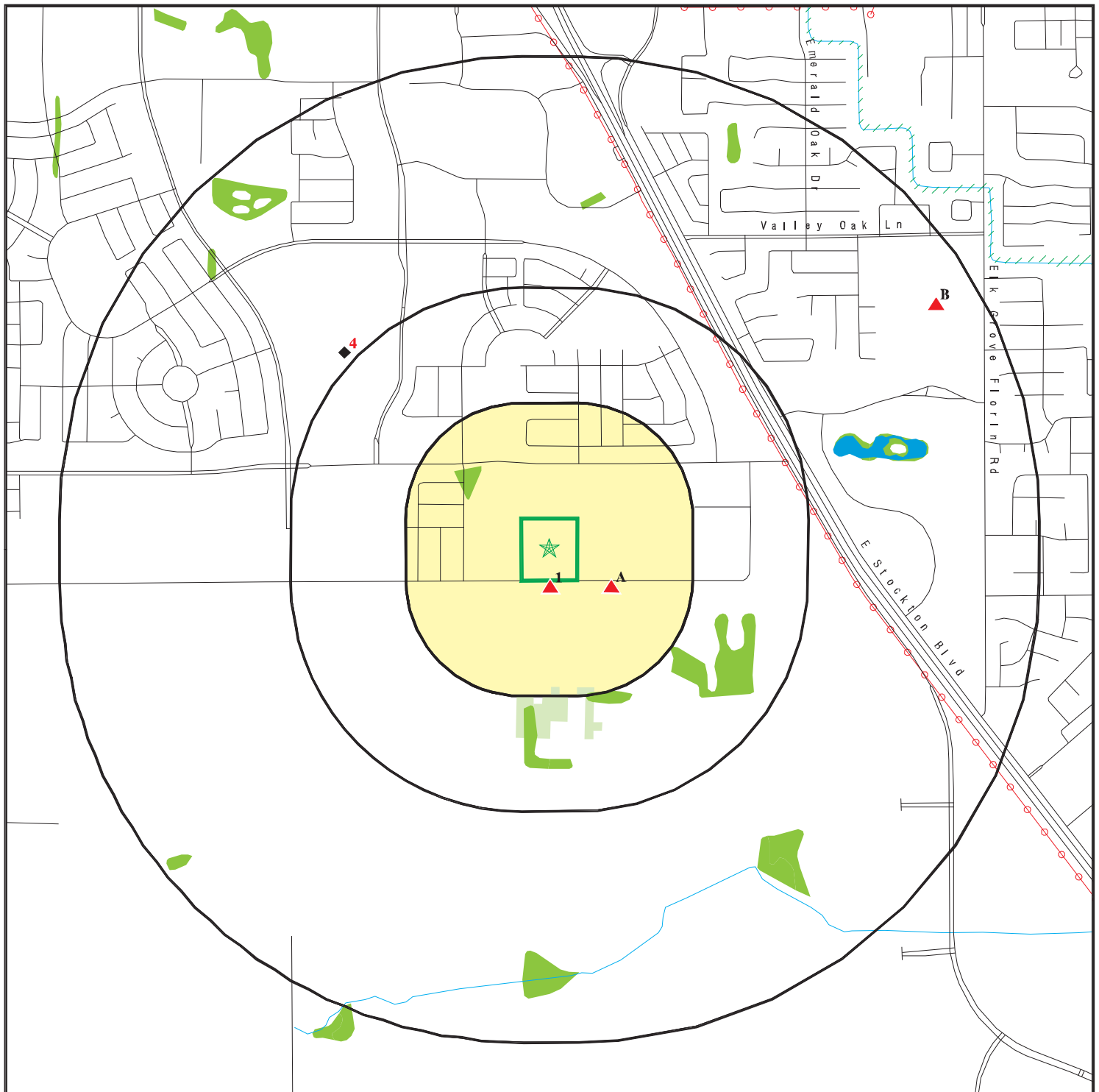
Site Name

GEORGIA-PACIFIC CHEMICAL CO

Database(s)

Sacramento Co. CS

OVERVIEW MAP - 5838067.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

0 1/4 1/2 1 Miles

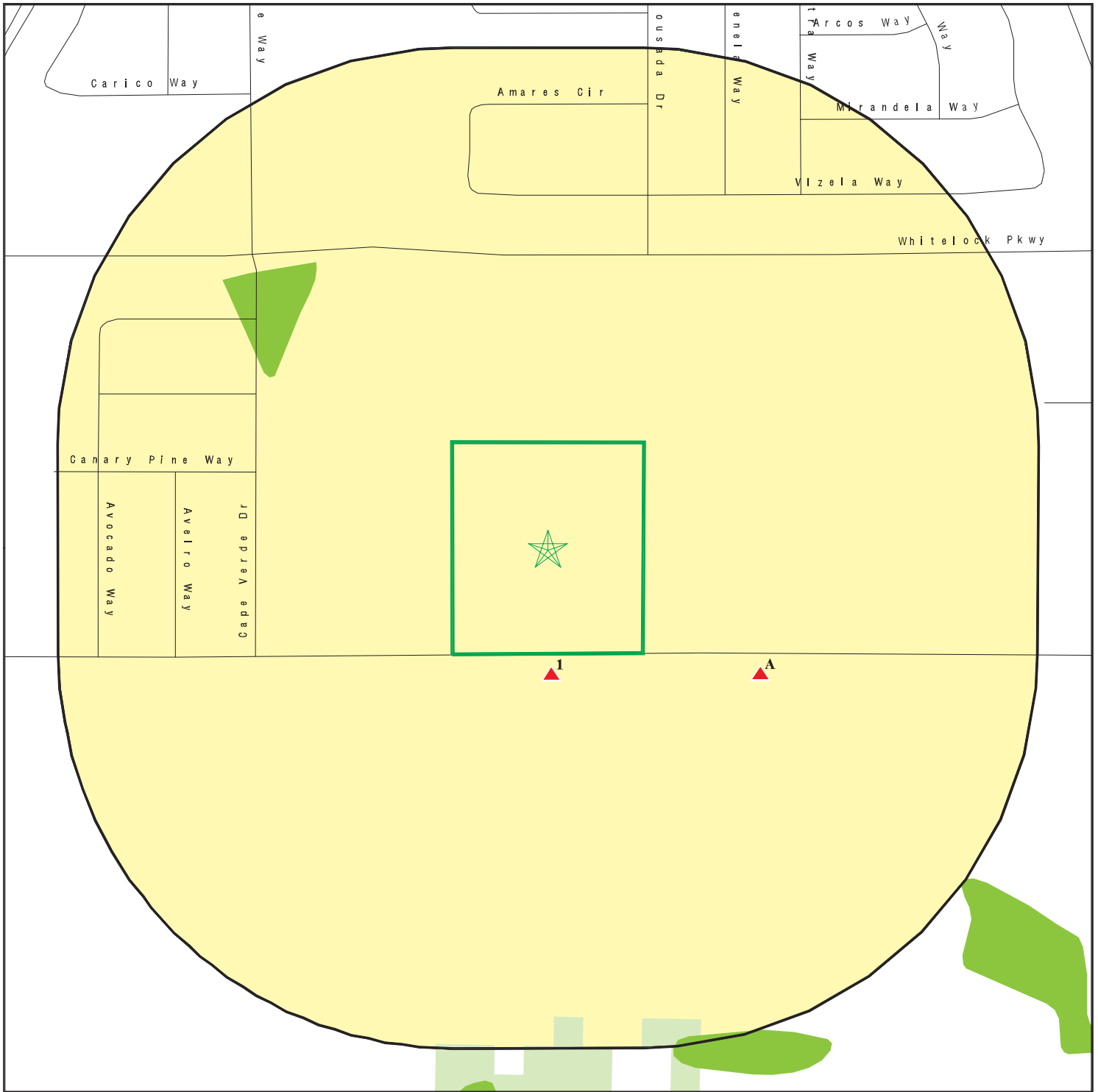









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.







SITE NAME: Proposed Laguna Ridge Elementary School
ADDRESS: 8551 Poppy Ridge Road
Elk Grove CA 95757
LAT/LONG: 38.391817 / 121.388836

CLIENT: Condor Earth Technologies, Inc
CONTACT: Rebecca Selvage
INQUIRY #: 5838067.2s
DATE: October 21, 2019 6:46 pm

DETAIL MAP - 5838067.2S



-  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
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

0 1/16 1/8 1/4 Miles



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

SITE NAME: Proposed Laguna Ridge Elementary School
 ADDRESS: 8551 Poppy Ridge Road
 Elk Grove CA 95757
 LAT/LONG: 38.391817 / 121.388836

CLIENT: Condor Earth Technologies, Inc
 CONTACT: Rebecca Selvage
 INQUIRY #: 5838067.2s
 DATE: October 21, 2019 6:48 pm

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	0	NR	NR	NR	0
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 CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	0	3	NR	3
<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	0	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
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Sacramento Co. CS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	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
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	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	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		1	0	NR	NR	NR	1
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	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	0	NR	NR	0
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	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
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
Sacramento Co. ML	0.250		2	0	NR	NR	NR	2
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	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	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	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		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	5	0	0	3	0	8
-------------	--	---	---	---	---	---	---	---

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
South
< 1/8
0.013 mi.
66 ft.

BARONIS LAWNMOWER SHOP
8520 POPPYRIDGE RD
ELK GROVE, CA 95757

Sacramento Co. ML

S107447553
N/A

Relative:
Higher

Sacramento Co. ML:

Actual:
42 ft.

Name: BARONIS LAWNMOWER SHOP
Address: 8520 POPPYRIDGE RD
City,State,Zip: ELK GROVE, CA 95757
Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: Not reported
Billing Codes UST: Not reported
WG Bill Code: I
Target Property Bill Cod: Not reported
Food Bill Code: Not reported
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
Hazmat Date BP Received: Not reported
UST Permit Dt: Not reported
UST Inspection Date: Not reported
UST Tank Test Date: Not reported
Number of Tanks: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

A2
ESE
< 1/8
0.076 mi.
399 ft.

KRULL DAIRY
8540 POPPY RIDGE RD
ELK GROVE, CA 95624

SWEEPS UST
CA FID UST
Sacramento Co. ML

S101627789
N/A

Site 1 of 2 in cluster A

Relative:
Higher

SWEEPS UST:

Actual:
42 ft.

Name: KRULL DAIRY
Address: 8540 POPPY RIDGE RD
City: ELK GROVE
Status: Active
Comp Number: 47945
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 34-000-047945-000001
Tank Status: A
Capacity: 300
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KRULL DAIRY (Continued)

S101627789

CA FID UST:

Facility ID: 34007176
Regulated By: UTNKA
Regulated ID: 00047945
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9166854624
Mail To: Not reported
Mailing Address: 8540 POPPY RIDGE RD
Mailing Address 2: Not reported
Mailing City,St,Zip: ELK GROVE 95624
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Sacramento Co. ML:

Name: KRULL DAIRY
Address: 8540 POPPYRIDGE RD
City,State,Zip: ELK GROVE, CA 95624
Facility Id: G01777
Facility Status: Inactive. Included on a listing no longer updated.
FD: G
Billing Codes BP: Farm-No Fee
Billing Codes UST: Farm-No Fee
WG Bill Code: Farm-No Fee
Target Property Bill Cod: 50
Food Bill Code: 53
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
Hazmat Date BP Received: Not reported
UST Permit Dt: Not reported
UST Inspection Date: Not reported
UST Tank Test Date: Not reported
Number of Tanks: 1
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

A3
ESE
< 1/8
0.076 mi.
399 ft.

KRULL DAIRY
8540 POPPY RIDGE RD
ELK GROVE, CA 95624
Site 2 of 2 in cluster A

HIST UST **U001612792**
N/A

Relative:
Higher

Actual:
42 ft.

HIST UST:
Name: KRULL DAIRY
Address: 8540 POPPY RIDGE RD
City,State,Zip: ELK GROVE, CA 95624
File Number: 0001FFF1
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FFF1.pdf>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KRULL DAIRY (Continued)

U001612792

Region: STATE
Facility ID: 00000047945
Facility Type: Other
Other Type: FARM
Contact Name: Not reported
Telephone: 9166854624
Owner Name: PHYLLIS C. KRULL
Owner Address: 8540 POPPY RIDGE RD.
Owner City,St,Zip: ELK GROVE, CA 95624
Total Tanks: 0001

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

[Click here for Geo Tracker PDF:](#)

4
NW
1/2-1
0.525 mi.
2772 ft.

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9
NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD
ELK GROVE, CA 95758

ENVIROSTOR **S118756779**
SCH **N/A**

Relative:
Lower

Actual:
38 ft.

ENVIROSTOR:
Name: LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9
Address: NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD
City,State,Zip: ELK GROVE, CA 95758
Facility ID: 34010026
Status: No Action Required
Status Date: 03/23/2004
Site Code: 104397
Site Type: School Investigation
Site Type Detailed: School
Acres: 72
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jose Luevano
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Assembly: 09
Senate: 06
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.398
Longitude: -121.397
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9 (Continued)

S118756779

Alias Name: Cosumnes Oaks High School
Alias Type: Alternate Name
Alias Name: ELK GROVE USD-LAGUNA RIDGE HI/MID SCL #9
Alias Type: Alternate Name
Alias Name: Elezabeth Pinkerton Middle School
Alias Type: Alternate Name
Alias Name: 104397
Alias Type: Project Code (Site Code)
Alias Name: 34010022
Alias Type: Envirostor ID Number
Alias Name: 34010026
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/23/2004
Comments: COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/25/2007
Comments: Fill material request approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/19/2004
Comments: COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

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

SCH:

Name: LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9
Address: NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD
City,State,Zip: ELK GROVE, CA 95758
Facility ID: 34010026
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 72
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9 (Continued)

S118756779

Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Jose Luevano
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 104397
Assembly: 09
Senate: 06
Special Program Status: Not reported
Status: No Action Required
Status Date: 03/23/2004
Restricted Use: NO
Funding: School District
Latitude: 38.398
Longitude: -121.397
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: Cosumnes Oaks High School
Alias Type: Alternate Name
Alias Name: ELK GROVE USD-LAGUNA RIDGE HI/MID SCL #9
Alias Type: Alternate Name
Alias Name: Elezabeth Pinkerton Middle School
Alias Type: Alternate Name
Alias Name: 104397
Alias Type: Project Code (Site Code)
Alias Name: 34010022
Alias Type: Envirostor ID Number
Alias Name: 34010026
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/23/2004
Comments: COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/25/2007
Comments: Fill material request approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/19/2004
Comments: COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9 (Continued)

S118756779

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

**B5
ENE
1/2-1
0.905 mi.
4781 ft.**

**ELEMENTARY SCHOOL NO. 31
BOTHWELL DRIVE/VINTAGE PARK DRIVE
ELK GROVE, CA 95758**

**ENVIROSTOR
SCH**

**S118756768
N/A**

Site 1 of 2 in cluster B

**Relative:
Higher**

**Actual:
44 ft.**

ENVIROSTOR:

Name: ELEMENTARY SCHOOL NO. 31
Address: BOTHWELL DRIVE/VINTAGE PARK DRIVE
City,State,Zip: ELK GROVE, CA 95758
Facility ID: 34010005
Status: No Action Required
Status Date: 02/29/2000
Site Code: 104072
Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Assembly: 09
Senate: 06
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.39953
Longitude: -121.3734
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ELEMENTARY SCHOOL NO. 31
Alias Type: Alternate Name
Alias Name: ELK GROVE USD
Alias Type: Alternate Name
Alias Name: ELK GROVE USD-ELEM #31/CDE
Alias Type: Alternate Name
Alias Name: 104072
Alias Type: Project Code (Site Code)
Alias Name: 34010005
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/29/2000
Comments: PHSE1 - Pursuant to an agreement between the Department of Toxic

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELEMENTARY SCHOOL NO. 31 (Continued)

S118756768

substances Control (DTSC) and the California Department of Education, DTSC's Site Mitigation Program completed a review of a Phase I Environmental Assessment and has determined that No Action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/29/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/29/2000
Comments: Not reported

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

SCH:

Name: ELEMENTARY SCHOOL NO. 31
Address: BOTHWELL DRIVE/VINTAGE PARK DRIVE
City,State,Zip: ELK GROVE, CA 95758
Facility ID: 34010005
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 104072
Assembly: 09
Senate: 06
Special Program Status: Not reported
Status: No Action Required
Status Date: 02/29/2000
Restricted Use: NO
Funding: School District
Latitude: 38.39953
Longitude: -121.3734
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED, No Contaminants found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELEMENTARY SCHOOL NO. 31 (Continued)

S118756768

Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ELEMENTARY SCHOOL NO. 31
Alias Type: Alternate Name
Alias Name: ELK GROVE USD
Alias Type: Alternate Name
Alias Name: ELK GROVE USD-ELEM #31/CDE
Alias Type: Alternate Name
Alias Name: 104072
Alias Type: Project Code (Site Code)
Alias Name: 34010005
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/29/2000
Comments: PHSE1 - Pursuant to an agreement between the Department of Toxic substances Control (DTSC) and the California Department of Education, DTSC's Site Mitigation Program completed a review of a Phase I Environmental Assessment and has determined that No Action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/29/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/29/2000
Comments: Not reported

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

**B6
ENE
1/2-1
0.905 mi.
4781 ft.**

**EDNA BATEY ELEMENTARY
BRADSHAW ROAD/ELK GROVE BOULEVARD
ELK GROVE, CA 95624**

**ENVIROSTOR S118756780
SCH N/A**

Site 2 of 2 in cluster B

**Relative:
Higher**

ENVIROSTOR:

**Actual:
44 ft.**

Name: EDNA BATEY ELEMENTARY
Address: BRADSHAW ROAD/ELK GROVE BOULEVARD
City,State,Zip: ELK GROVE, CA 95624
Facility ID: 34020001
Status: No Action Required

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDNA BATEY ELEMENTARY (Continued)

S118756780

Status Date: 04/10/2000
Site Code: 104071
Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Assembly: 09
Senate: 06
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.39953
Longitude: -121.3734
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - LIVESTOCK
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: EDNA BATEY ELEMENTARY
Alias Type: Alternate Name
Alias Name: ELK GROVE USD
Alias Type: Alternate Name
Alias Name: ELK GROVE USD-EDNA BATEY ELEM/CDE
Alias Type: Alternate Name
Alias Name: 104071
Alias Type: Project Code (Site Code)
Alias Name: 34020001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/29/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/27/2000
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDNA BATEY ELEMENTARY (Continued)

S118756780

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

SCH:

Name: EDNA BATEY ELEMENTARY
Address: BRADSHAW ROAD/ELK GROVE BOULEVARD
City,State,Zip: ELK GROVE, CA 95624
Facility ID: 34020001
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 104071
Assembly: 09
Senate: 06
Special Program Status: Not reported
Status: No Action Required
Status Date: 04/10/2000
Restricted Use: NO
Funding: School District
Latitude: 38.39953
Longitude: -121.3734
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - LIVESTOCK
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: EDNA BATEY ELEMENTARY
Alias Type: Alternate Name
Alias Name: ELK GROVE USD
Alias Type: Alternate Name
Alias Name: ELK GROVE USD-EDNA BATEY ELEM/CDE
Alias Type: Alternate Name
Alias Name: 104071
Alias Type: Project Code (Site Code)
Alias Name: 34020001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDNA BATEY ELEMENTARY (Continued)

S118756780

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/29/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/27/2000
Comments: Not reported

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

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ELK GROVE	S119102374	GEORGIA-PACIFIC CHEMICAL CO	10399 STOCKTON BLVD		Sacramento Co. CS

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: 07/19/2019	Source: EPA
Date Data Arrived at EDR: 07/30/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 10/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/13/2020
	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: 07/19/2019	Source: EPA
Date Data Arrived at EDR: 07/30/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 10/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/13/2020
	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: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
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: 10/04/2019
Next Scheduled EDR Contact: 01/13/2020
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: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/27/2020
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: 07/19/2019	Source: EPA
Date Data Arrived at EDR: 07/30/2019	Telephone: 800-424-9346
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 10/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/27/2020
	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: 06/24/2019	Source: EPA
Date Data Arrived at EDR: 06/26/2019	Telephone: 800-424-9346
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/24/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/24/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	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: 06/24/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	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: 06/24/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 113	Next Scheduled EDR Contact: 01/06/2020
	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: 08/13/2019	Source: Department of the Navy
Date Data Arrived at EDR: 08/20/2019	Telephone: 843-820-7326
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 08/07/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/25/2019
	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: 08/19/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/20/2019	Telephone: 703-603-0695
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/09/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 08/19/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/20/2019	Telephone: 703-603-0695
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/09/2019
	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: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 14

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 01/06/2020
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: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
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: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 57

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003

Date Data Arrived at EDR: 05/19/2003

Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786

Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011

Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004

Date Data Arrived at EDR: 10/20/2004

Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-622-2433

Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012

Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001

Date Data Arrived at EDR: 02/28/2001

Date Made Active in Reports: 03/29/2001

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011

Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004

Date Data Arrived at EDR: 09/07/2004

Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710

Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011

Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005

Date Data Arrived at EDR: 06/07/2005

Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365

Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: No Update Planned

LUST REG 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 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

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

LUST: 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: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 55

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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: 04/11/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
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: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/12/2019	Source: EPA Region 4
Date Data Arrived at EDR: 07/29/2019	Telephone: 404-562-8677
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/08/2019	Source: EPA, Region 5
Date Data Arrived at EDR: 07/30/2019	Telephone: 312-886-7439
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/29/2019	Telephone: 415-972-3372
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/04/2019
	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: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6271
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/16/2019	Source: EPA Region 10
Date Data Arrived at EDR: 07/29/2019	Telephone: 206-553-2857
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/04/2019
	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: 02/19/2019	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 10/16/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/23/2019
	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: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 42

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

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: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
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: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2019	Source: EPA Region 5
Date Data Arrived at EDR: 07/29/2019	Telephone: 312-886-6136
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/05/2019
	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: 04/12/2019	Source: EPA Region 4
Date Data Arrived at EDR: 07/29/2019	Telephone: 404-562-9424
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/04/2019
	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: 04/11/2019	Source: EPA, Region 1
Date Data Arrived at EDR: 07/30/2019	Telephone: 617-918-1313
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/02/2019	Source: EPA Region 7
Date Data Arrived at EDR: 07/29/2019	Telephone: 913-551-7003
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/04/2019
	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).

Date of Government Version: 04/16/2019	Source: EPA Region 10
Date Data Arrived at EDR: 07/30/2019	Telephone: 206-553-2857
Date Made Active in Reports: 10/17/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 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: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
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

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: 06/24/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
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: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 08/15/2019
Number of Days to Update: 64

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
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
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

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

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: 08/02/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
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: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
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: 06/30/2018
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/20/2020
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.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 11/04/2019
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
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: 06/28/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
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: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 11/04/2019
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: 06/05/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/09/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
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: 07/30/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
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: 06/04/2019	Source: DTSC and SWRCB
Date Data Arrived at EDR: 06/04/2019	Telephone: 916-323-3400
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/16/2019
	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: 06/24/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/26/2019	Telephone: 202-366-4555
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/24/2019
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/06/2020
	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: 05/15/2019	Source: Office of Emergency Services
Date Data Arrived at EDR: 06/24/2019	Telephone: 916-845-8400
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 07/26/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/04/2019
	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: 06/10/2019	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/23/2019
	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: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/23/2019
	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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
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: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
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: 05/15/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
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: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
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: 08/16/2019
Next Scheduled EDR Contact: 11/25/2019
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: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
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: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
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: 08/09/2019
Next Scheduled EDR Contact: 11/18/2019
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: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
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: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
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: 09/30/2018
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/04/2019
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: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 12/16/2019
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: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
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: 08/20/2019	Source: EPA
Date Data Arrived at EDR: 09/05/2019	Telephone: 202-564-6023
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 10/02/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/18/2019
	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: 03/20/2019	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 10/11/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/20/2020
	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: 10/07/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/20/2020
	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: 06/20/2019	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 06/20/2019	Telephone: 301-415-7169
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/04/2019
	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: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/06/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/03/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 08/09/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/04/2019
	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: 10/15/2019
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/13/2020
	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: 04/01/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 100

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
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: 06/30/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
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: 10/06/2019
Next Scheduled EDR Contact: 01/19/2020
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: 07/30/2019
Next Scheduled EDR Contact: 11/18/2019
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: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
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

US MINES: Mines Master Index File

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

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 71

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
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: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
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: 09/10/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 37

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2019
Next Scheduled EDR Contact: 12/23/2019
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: 05/03/2019
Date Data Arrived at EDR: 06/05/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/10/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 07/06/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 08/21/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 12/09/2019
	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: 05/20/2019	Source: EPA
Date Data Arrived at EDR: 05/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/02/2019
	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: 06/24/2019	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 06/25/2019	Telephone: 916-323-3400
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 09/24/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 01/06/2020
	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: 08/15/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/25/2019
	Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/01/2019	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 08/02/2019	Telephone: 415-252-3896
Date Made Active in Reports: 10/09/2019	Last EDR Contact: 07/31/2019
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/18/2019
	Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
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: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 65

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
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.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 55

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/18/2019
Next Scheduled EDR Contact: 12/30/2019
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: 07/19/2019
Date Data Arrived at EDR: 07/22/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 66

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/16/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/02/2019
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: 07/08/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/10/2019	Source: Department of Conservation
Date Data Arrived at EDR: 06/11/2019	Telephone: 916-322-1080
Date Made Active in Reports: 08/15/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 05/17/2019	Source: Department of Public Health
Date Data Arrived at EDR: 06/04/2019	Telephone: 916-558-1784
Date Made Active in Reports: 08/09/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/12/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/13/2019	Telephone: 916-445-9379
Date Made Active in Reports: 10/16/2019	Last EDR Contact: 08/13/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/25/2019
	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: 06/04/2019	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 06/04/2019	Telephone: 916-445-4038
Date Made Active in Reports: 08/09/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/11/2019	Source: Department of Conservation
Date Data Arrived at EDR: 06/12/2019	Telephone: 916-323-3836
Date Made Active in Reports: 08/15/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 12/23/2019
	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: 06/17/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/18/2019	Telephone: 916-445-3846
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/30/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 08/20/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/10/2019	Source: State Water Resource Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/23/2019
	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: 05/08/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/11/2018	Telephone: 559-445-5577
Date Made Active in Reports: 09/13/2018	Last EDR Contact: 10/11/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/20/2020
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 08/14/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/02/2019
	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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/19/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 08/15/2019
Number of Days to Update: 64

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 06/04/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 65

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
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: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
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
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
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
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 70

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

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: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 08/05/2019
Date Data Arrived at EDR: 08/07/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 63

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/23/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 11/18/2019
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: 05/22/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 68

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 06/05/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 11/11/2019
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: 07/11/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 71

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/13/2020
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: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 07/08/2019
Date Data Arrived at EDR: 07/10/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 72

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/19/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INYO COUNTY:

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: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

KERN COUNTY:

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

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 63

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
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: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 08/16/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/15/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/22/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
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: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: No Update Planned

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

Date of Government Version: 07/09/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 71

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/15/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 71

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/16/2019
Next Scheduled EDR Contact: 01/27/2020
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: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/27/2020
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: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
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: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/18/2019
Next Scheduled EDR Contact: 01/27/2020
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
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: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
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
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: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
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: 07/15/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/18/2019
Next Scheduled EDR Contact: 01/27/2020
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
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/27/2020
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
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
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: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
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: 05/28/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 67

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
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
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 05/23/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/25/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/30/2019
Next Scheduled EDR Contact: 01/13/2020
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: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
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: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 07/23/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/07/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 63

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/09/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 61

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST ORANGE: List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/10/2019

Date Data Arrived at EDR: 08/06/2019

Date Made Active in Reports: 10/09/2019

Number of Days to Update: 64

Source: Health Care Agency

Telephone: 714-834-3446

Last EDR Contact: 08/05/2019

Next Scheduled EDR Contact: 11/18/2019

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: 06/03/2019

Date Data Arrived at EDR: 06/04/2019

Date Made Active in Reports: 08/12/2019

Number of Days to Update: 69

Source: Placer County Health and Human Services

Telephone: 530-745-2363

Last EDR Contact: 08/28/2019

Next Scheduled EDR Contact: 12/16/2019

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: 10/17/2019

Next Scheduled EDR Contact: 02/03/2020

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: 07/10/2019

Date Data Arrived at EDR: 07/11/2019

Date Made Active in Reports: 09/20/2019

Number of Days to Update: 71

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 09/16/2019

Next Scheduled EDR Contact: 12/30/2019

Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/10/2019

Date Data Arrived at EDR: 07/11/2019

Date Made Active in Reports: 09/23/2019

Number of Days to Update: 74

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 09/16/2019

Next Scheduled EDR Contact: 12/30/2019

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 55

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
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: 05/06/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 09/13/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 07/16/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/16/2019
Next Scheduled EDR Contact: 11/18/2019
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: 05/31/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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: 06/04/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 35

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
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: 07/16/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
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: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversight Facilities

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
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: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 67

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
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: 09/11/2019
Next Scheduled EDR Contact: 12/29/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
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: 08/06/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/15/2019
Number of Days to Update: 1

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 09/05/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

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: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List Cupa facility list

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 67

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
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: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

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: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
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: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

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: 07/23/2019
Number of Days to Update: 47

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 01/06/2020
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: 07/02/2019
Date Data Arrived at EDR: 07/02/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 80

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 07/18/2019
Date Data Arrived at EDR: 07/18/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 70

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/15/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 49

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 64

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
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: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

VENTURA COUNTY:

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: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
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
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
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
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
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: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 42

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 06/26/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/31/2019
Number of Days to Update: 33

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 07/26/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
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: 05/14/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
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: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/11/2019
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: 10/09/2019
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Annually

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: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data 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

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

PROPOSED LAGUNA RIDGE ELEMENTARY SCHOOL
8551 POPPY RIDGE ROAD
ELK GROVE, CA 95757

TARGET PROPERTY COORDINATES

Latitude (North):	38.391817 - 38° 23' 30.54"
Longitude (West):	121.388836 - 121° 23' 19.81"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	640707.8
UTM Y (Meters):	4250311.5
Elevation:	41 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5619710 FLORIN, CA
Version Date:	2012
Northeast Map:	5629052 ELK GROVE, CA
Version Date:	2012
Southeast Map:	5629056 GALT, CA
Version Date:	2012
Southwest Map:	5619684 BRUCEVILLE, 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).

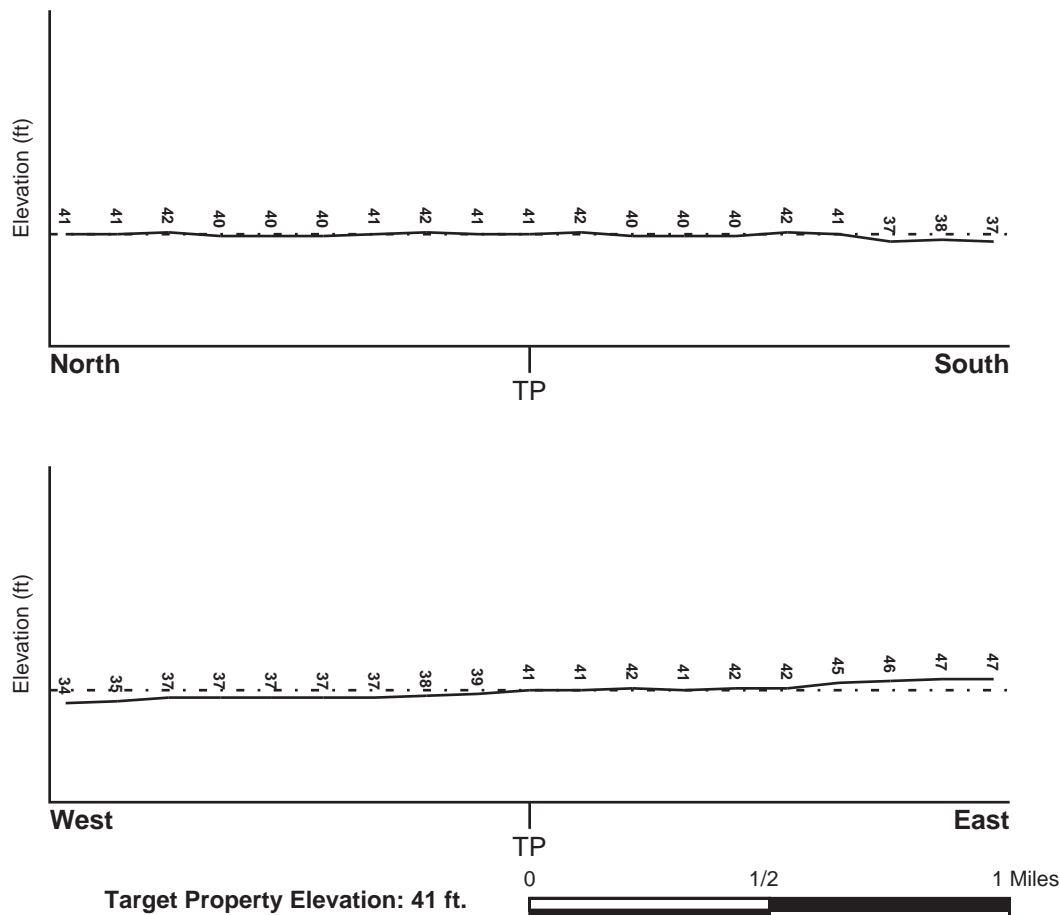
TOPOGRAPHIC INFORMATION

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 WSW

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>
06067C0319H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06067C0317H	FEMA FIRM Flood data
06067C0318H	FEMA FIRM Flood data
06067C0338H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
FLORIN	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

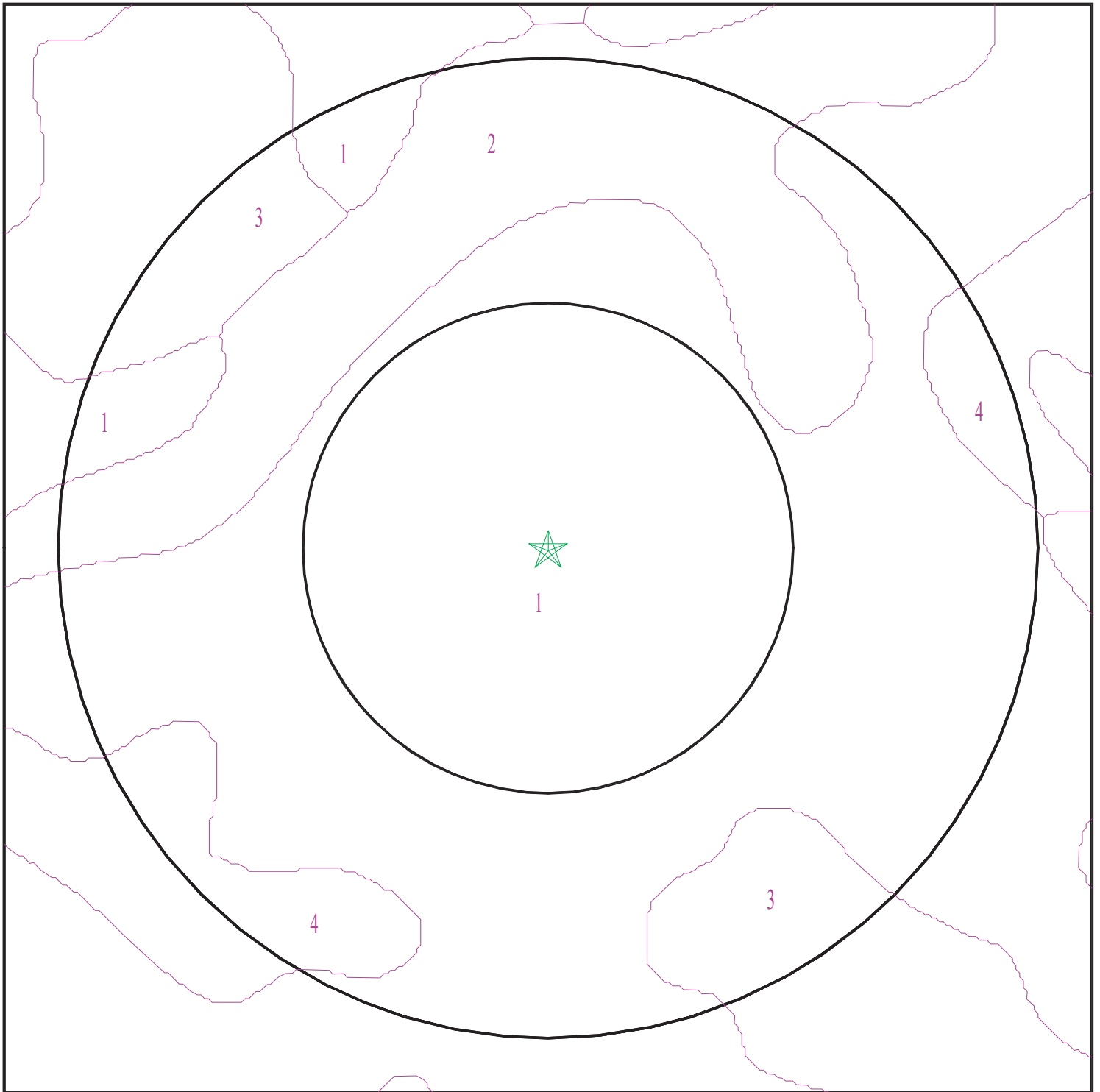
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5838067.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Proposed Laguna Ridge Elementary School
ADDRESS: 8551 Poppy Ridge Road
Elk Grove CA 95757
LAT/LONG: 38.391817 / 121.388836

CLIENT: Condor Earth Technologies, Inc
CONTACT: Rebecca Selvage
INQUIRY #: 5838067.2s
DATE: October 21, 2019 6:49 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: SAN JOAQUIN

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
2	22 inches	27 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
3	27 inches	53 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	53 inches	59 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

Soil Map ID: 2

Soil Component Name: BRUELLA

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: 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	18 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	18 inches	42 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	42 inches	61 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Map ID: 3

Soil Component Name: MADERA

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: 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	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	29 inches	clay	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 Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	29 inches	59 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: SAN JOAQUIN

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
2	14 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	20 inches	46 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
4	46 inches	59 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000188078	1/8 - 1/4 Mile East
A2	USGS40000188081	1/4 - 1/2 Mile West
A3	USGS40000188082	1/4 - 1/2 Mile West
4	USGS40000188084	1/2 - 1 Mile ENE
B6	USGS40000188112	1/2 - 1 Mile NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

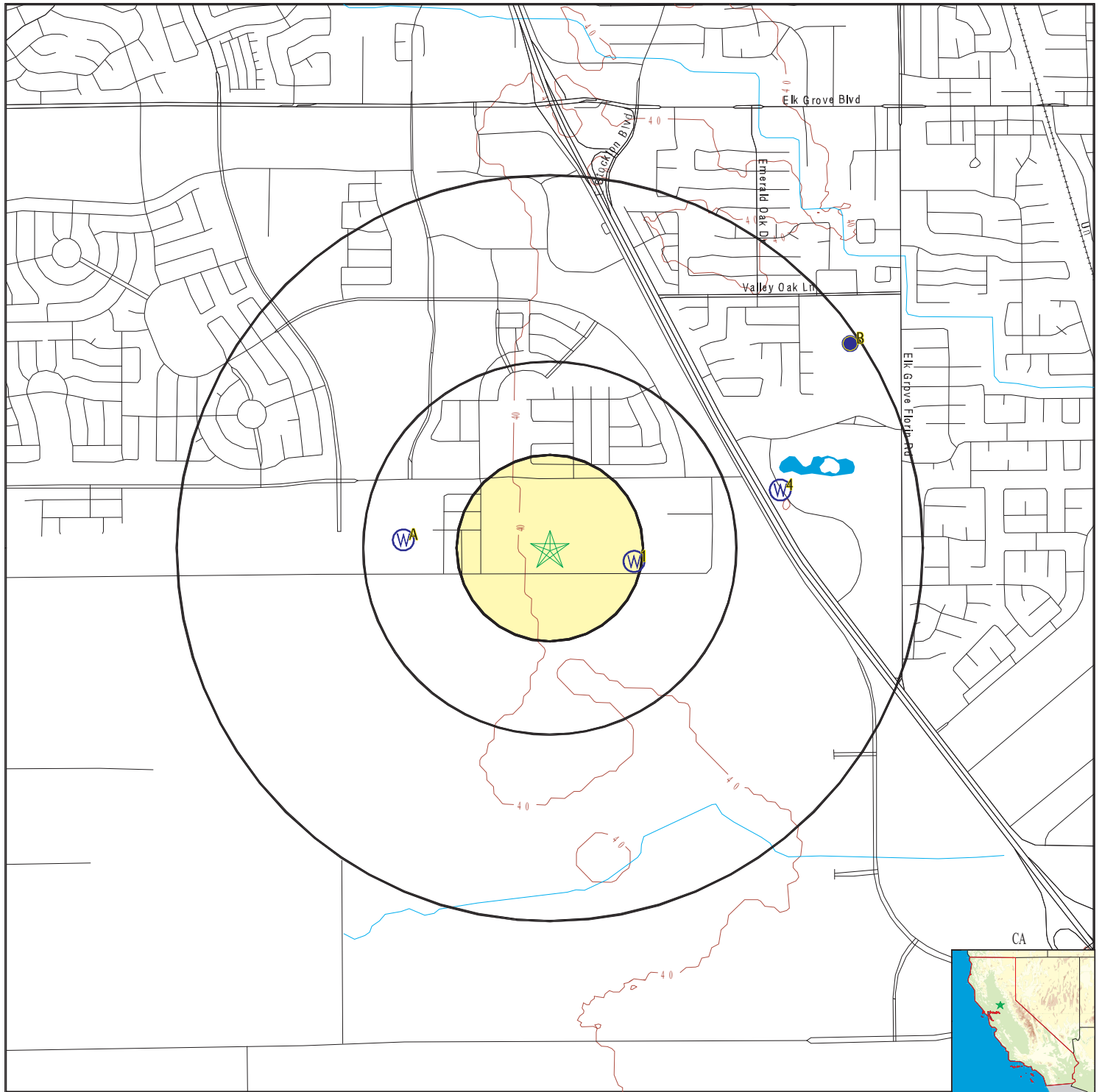
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B5	6523	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 5838067.2s



- 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: Proposed Laguna Ridge Elementary School
 ADDRESS: 8551 Poppy Ridge Road
 Elk Grove CA 95757
 LAT/LONG: 38.391817 / 121.388836

CLIENT: Condor Earth Technologies, Inc
 CONTACT: Rebecca Selvage
 INQUIRY #: 5838067.2s
 DATE: October 21, 2019 6:49 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

East
1/8 - 1/4 Mile
Higher

FED USGS USGS40000188078

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005E12C001M	Type:	Well
Description:	Not Reported	HUC:	18020109
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:	19560525	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	152
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1956-05-25
Feet below surface:	77.00	Feet to sea level:	Not Reported
Note:	Not Reported		

A2

West
1/4 - 1/2 Mile
Lower

FED USGS USGS40000188081

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005E11B002M	Type:	Well
Description:	Not Reported	HUC:	18020109
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:	Laguna Formation	Aquifer Type:	Not Reported
Construction Date:	19750101	Well Depth:	270
Well Depth Units:	ft	Well Hole Depth:	310
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1982-07-02
Feet below surface:	120.9	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		

Level reading date:	1975-01-01	Feet below surface:	120.00
Feet to sea level:	Not Reported	Note:	Not Reported

A3

West
1/4 - 1/2 Mile
Lower

FED USGS USGS40000188082

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005E11B001M	Type:	Well
Description:	Not Reported	HUC:	18020109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Central Valley aquifer system	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	265
Construction Date:	19750101	Well Hole Depth:	310
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1975-01-01
Feet below surface:	95.00	Feet to sea level:	Not Reported
Note:	Not Reported		

4
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000188084

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18020109
Monitor Location:	006N005E12B001M	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	Central Valley aquifer system	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	440
Construction Date:	19660825	Well Hole Depth:	440
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1966-08-25
Feet below surface:	98.00	Feet to sea level:	Not Reported
Note:	Not Reported		

B5
NE
1/2 - 1 Mile
Higher

CA WELLS 6523

Seq:	6523	Prim sta c:	06N/04E-01J01 M
Frds no:	3400247001	County:	34
District:	64	User id:	34C
System no:	3400247	Water type:	G
Source nam:	WELL A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	382359.0	Longitude:	1212223.0
Precision:	3	Status:	AR
Comment 1:	9800 ELK GROVE-FLORIN RD ELK GROVE CA 95624	Comment 3:	Not Reported
Comment 2:	Not Reported	Comment 5:	Not Reported
Comment 4:	Not Reported	Comment 7:	Not Reported
Comment 6:	Not Reported		
System no:	3400247	System nam:	Elk Grove Hi
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

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B6
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000188112

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005E01J001M	Type:	Well
Description:	Not Reported	HUC:	18020109
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:	19630901	Well Depth:	368
Well Depth Units:	ft	Well Hole Depth:	368
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1982-07-15
Feet below surface:	120.38	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		

Level reading date:	1963-09-01	Feet below surface:	99.00
Feet to sea level:	Not Reported	Note:	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
95757	7	0

Federal EPA Radon Zone for SACRAMENTO 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 SACRAMENTO COUNTY, CA

Number of sites tested: 52

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.665 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.200 pCi/L	100%	0%	0%
Basement	8.350 pCi/L	50%	50%	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.

STATE RECORDS

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

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

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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



Proposed Laguna Ridge Elementary School

8551 Poppy Ridge Road

Elk Grove, CA 95757

Inquiry Number: 5838067.4

October 21, 2019

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

10/21/19

Site Name:

Proposed Laguna Ridge Eleme
8551 Poppy Ridge Road
Elk Grove, CA 95757
EDR Inquiry # 5838067.4

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. EDRs 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.#	8122	Latitude:	38.391817 38° 23' 31" North
Project:	Laguna Ridge School ESA	Longitude:	-121.388836 -121° 23' 20" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	640704.24
		UTM Y Meters:	4250518.17
		Elevation:	41.36' above sea level

Maps Provided:

2012
1979, 1980
1975
1968
1947
1941
1909, 1910
1894

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Florin

7.5-minute, 24000



Elk Grove

7.5-minute, 24000



Galt

7.5-minute, 24000



Bruceville

7.5-minute, 24000

1979, 1980 Source Sheets



Elk Grove

7.5-minute, 24000
Aerial Photo Revised 1978



Bruceville

7.5-minute, 24000
Aerial Photo Revised 1978



Florin

7.5-minute, 24000
Aerial Photo Revised 1978



Galt

7.5-minute, 24000
Aerial Photo Revised 1978

1975 Source Sheets



Galt

7.5-minute, 24000
Aerial Photo Revised 1975



Bruceville

7.5-minute, 24000
Aerial Photo Revised 1975



Florin

7.5-minute, 24000
Aerial Photo Revised 1975



Elk Grove

7.5-minute, 24000
Aerial Photo Revised 1975

1968 Source Sheets



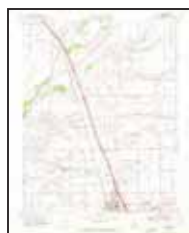
Elk Grove

7.5-minute, 24000
Aerial Photo Revised 1966



Florin

7.5-minute, 24000
Aerial Photo Revised 1966



Galt

7.5-minute, 24000
Aerial Photo Revised 1967



Bruceville

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.

1947 Source Sheets



GALT

15-minute, 50000

1941 Source Sheets



Franklin

15-minute, 62500

Aerial Photo Revised 1939

1909, 1910 Source Sheets



Florin

7.5-minute, 31680



Elk Grove

7.5-minute, 31680



Galt

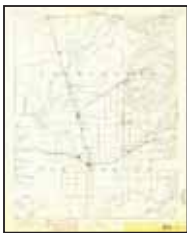
7.5-minute, 31680



Bruceville

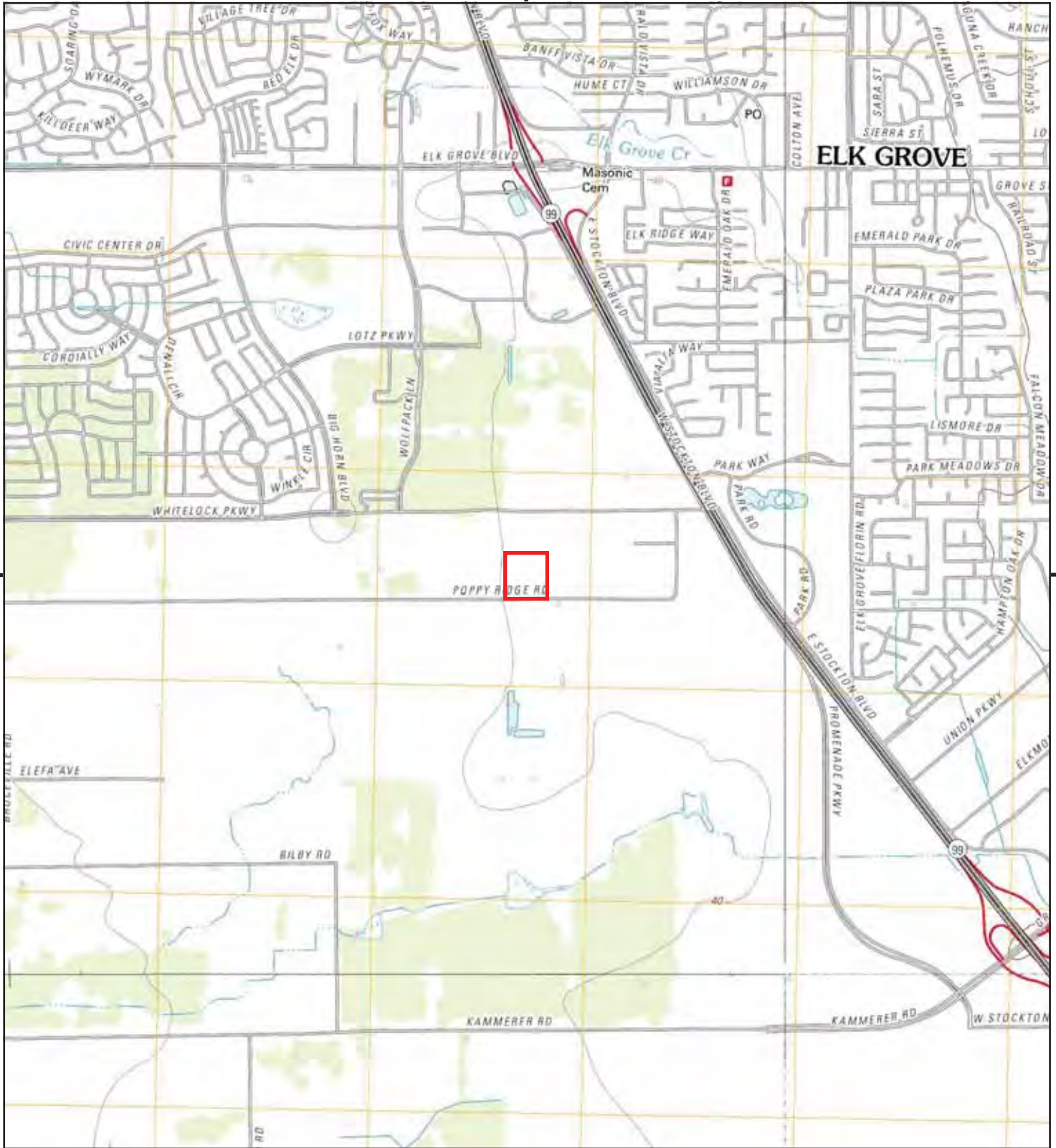
7.5-minute, 31680

1894 Source Sheets

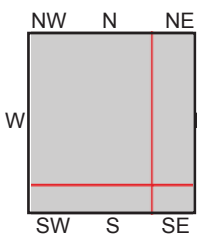
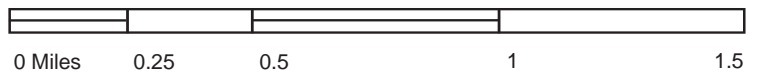


Lodi

30-minute, 125000



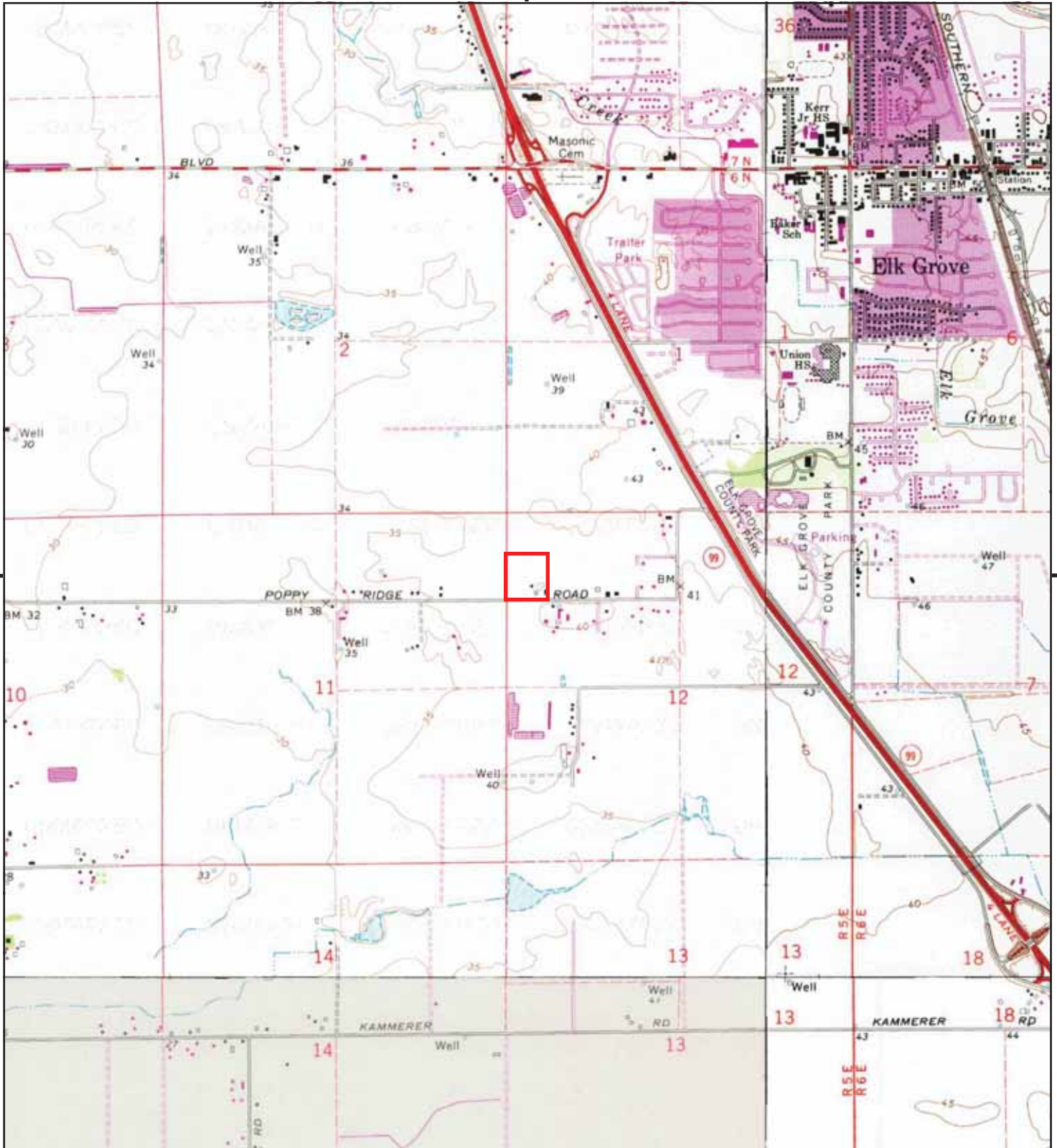
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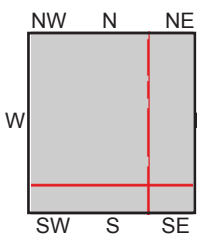
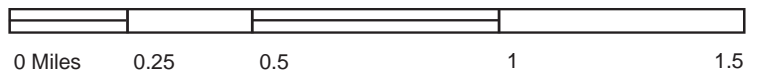
TP, Florin, 2012, 7.5-minute
NE, Elk Grove, 2012, 7.5-minute
SE, Galt, 2012, 7.5-minute
SW, Bruceville, 2012, 7.5-minute

SITE NAME: Proposed Laguna Ridge Elementary Sch
ADDRESS: 8551 Poppy Ridge Road
Elk Grove, CA 95757
CLIENT: Condor Earth Technologies, Inc





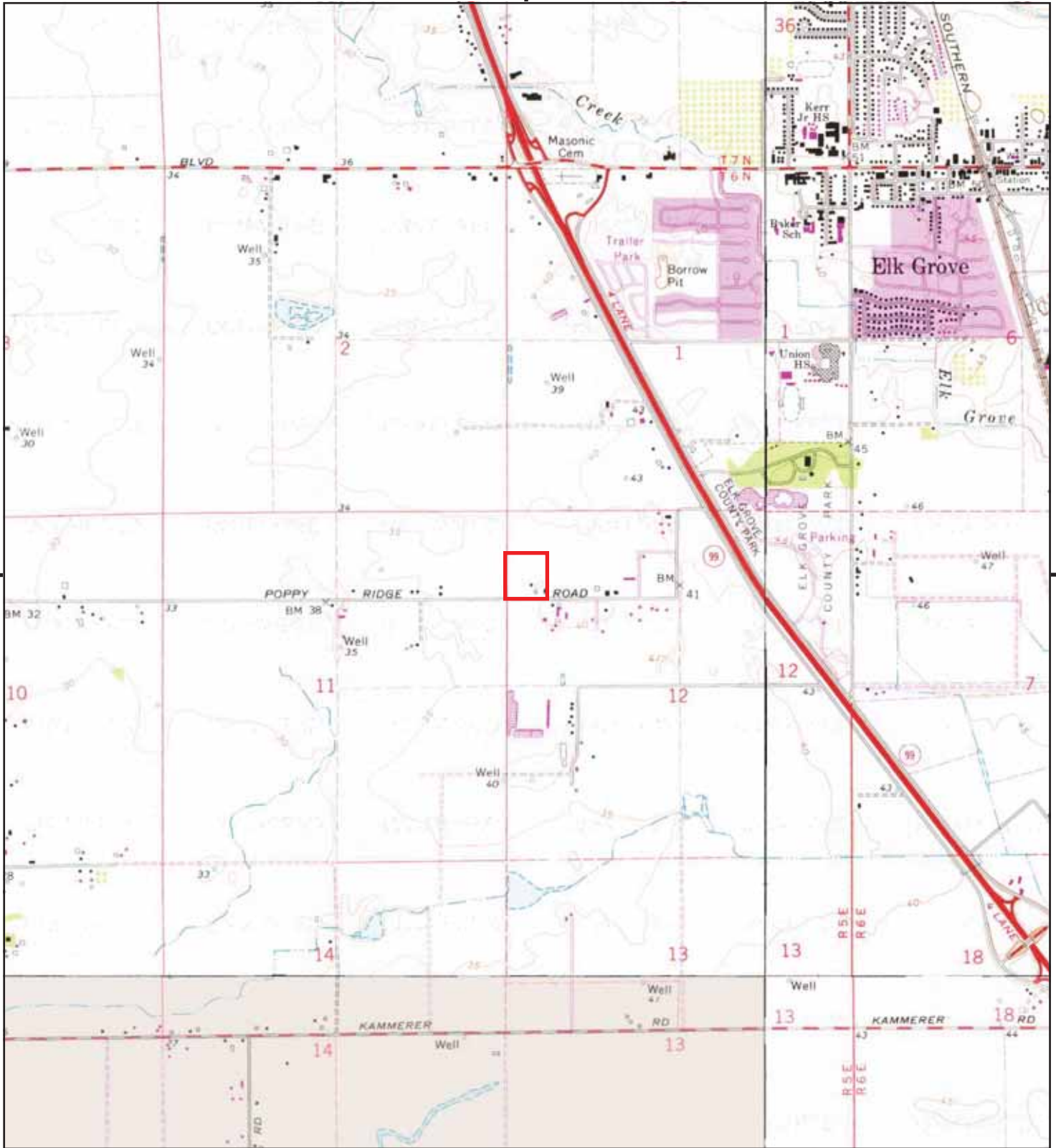
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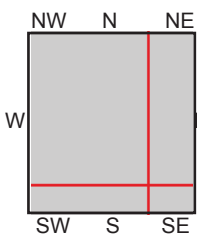
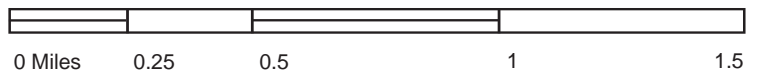
TP, Florin, 1980, 7.5-minute
NE, Elk Grove, 1979, 7.5-minute
SE, Galt, 1980, 7.5-minute
SW, Bruceville, 1980, 7.5-minute

SITE NAME: Proposed Laguna Ridge Elementary Sch
ADDRESS: 8551 Poppy Ridge Road
Elk Grove, CA 95757
CLIENT: Condor Earth Technologies, Inc





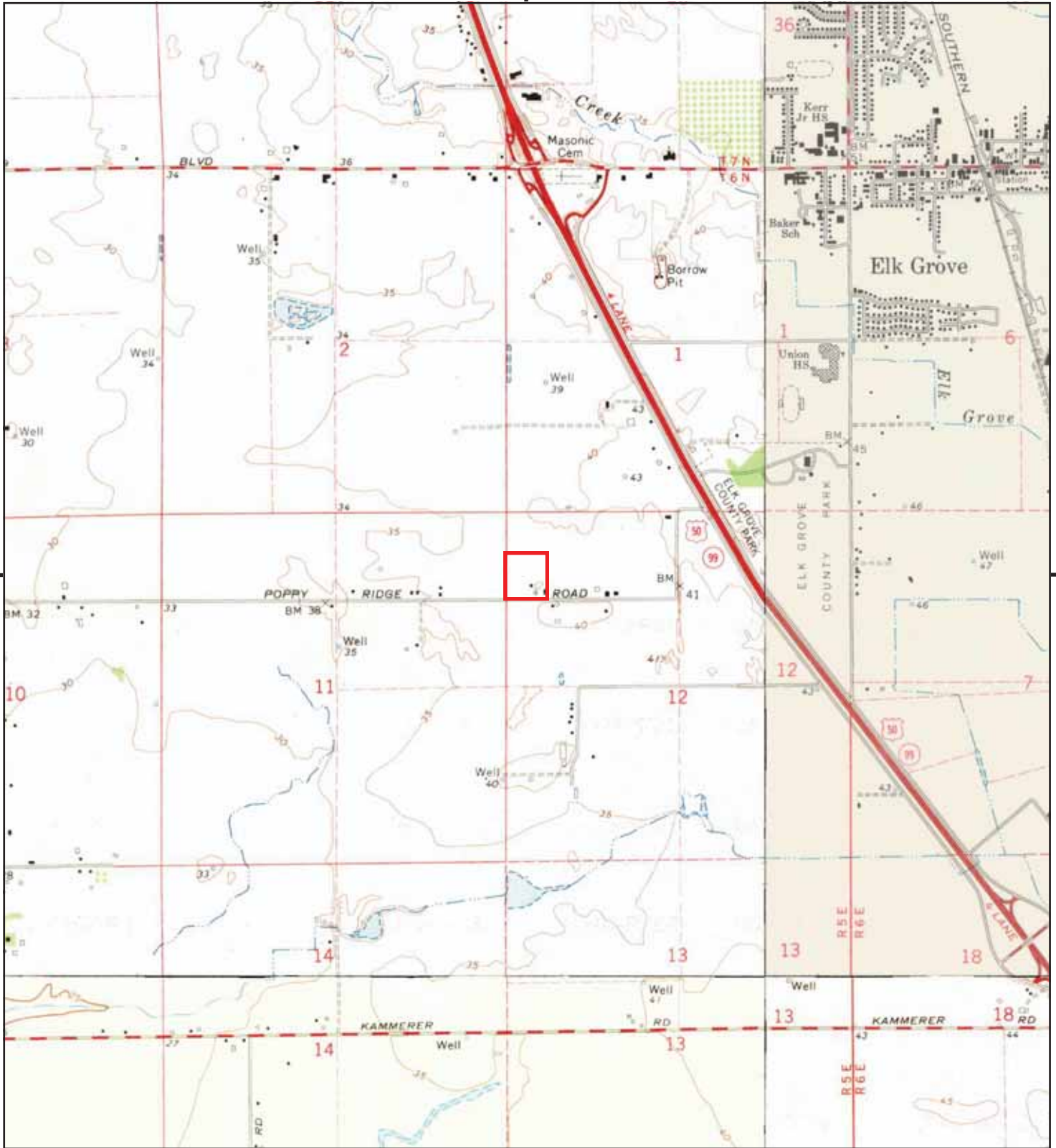
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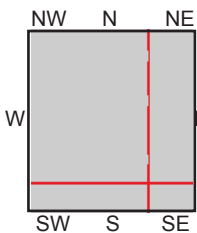
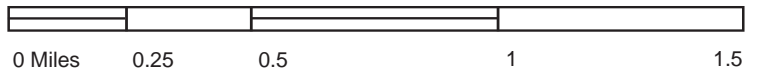
TP, Florin, 1975, 7.5-minute
NE, Elk Grove, 1975, 7.5-minute
SE, Galt, 1975, 7.5-minute
SW, Bruceville, 1975, 7.5-minute

SITE NAME: Proposed Laguna Ridge Elementary Sch
ADDRESS: 8551 Poppy Ridge Road
Elk Grove, CA 95757
CLIENT: Condor Earth Technologies, Inc





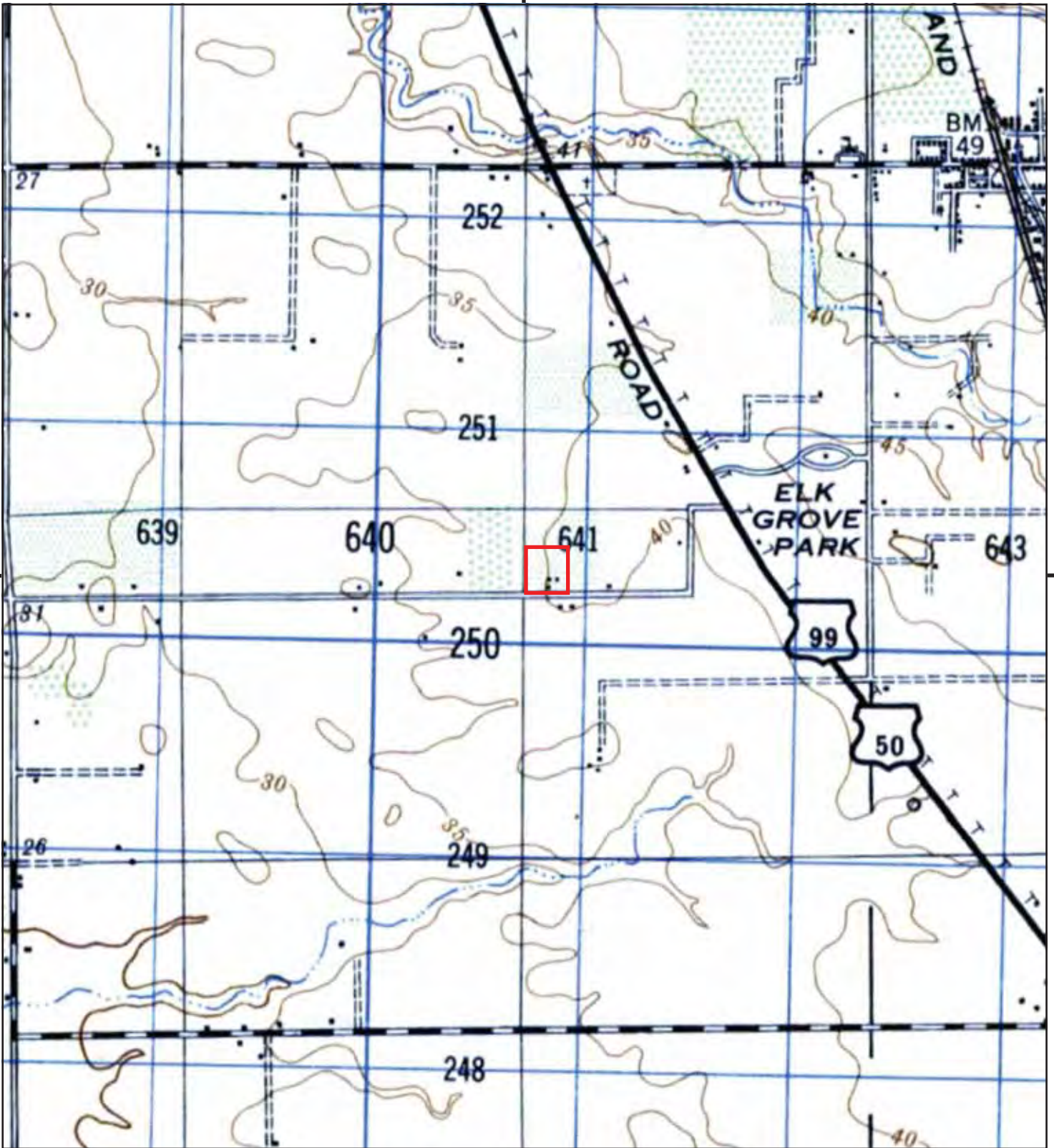
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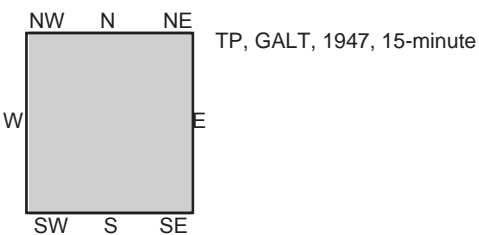
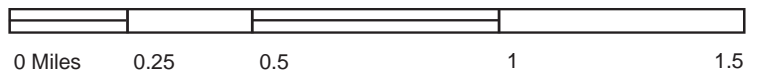
TP, Florin, 1968, 7.5-minute
NE, Elk Grove, 1968, 7.5-minute
SE, Galt, 1968, 7.5-minute
SW, Bruceville, 1968, 7.5-minute

SITE NAME: Proposed Laguna Ridge Elementary Sch
ADDRESS: 8551 Poppy Ridge Road
Elk Grove, CA 95757
CLIENT: Condor Earth Technologies, Inc



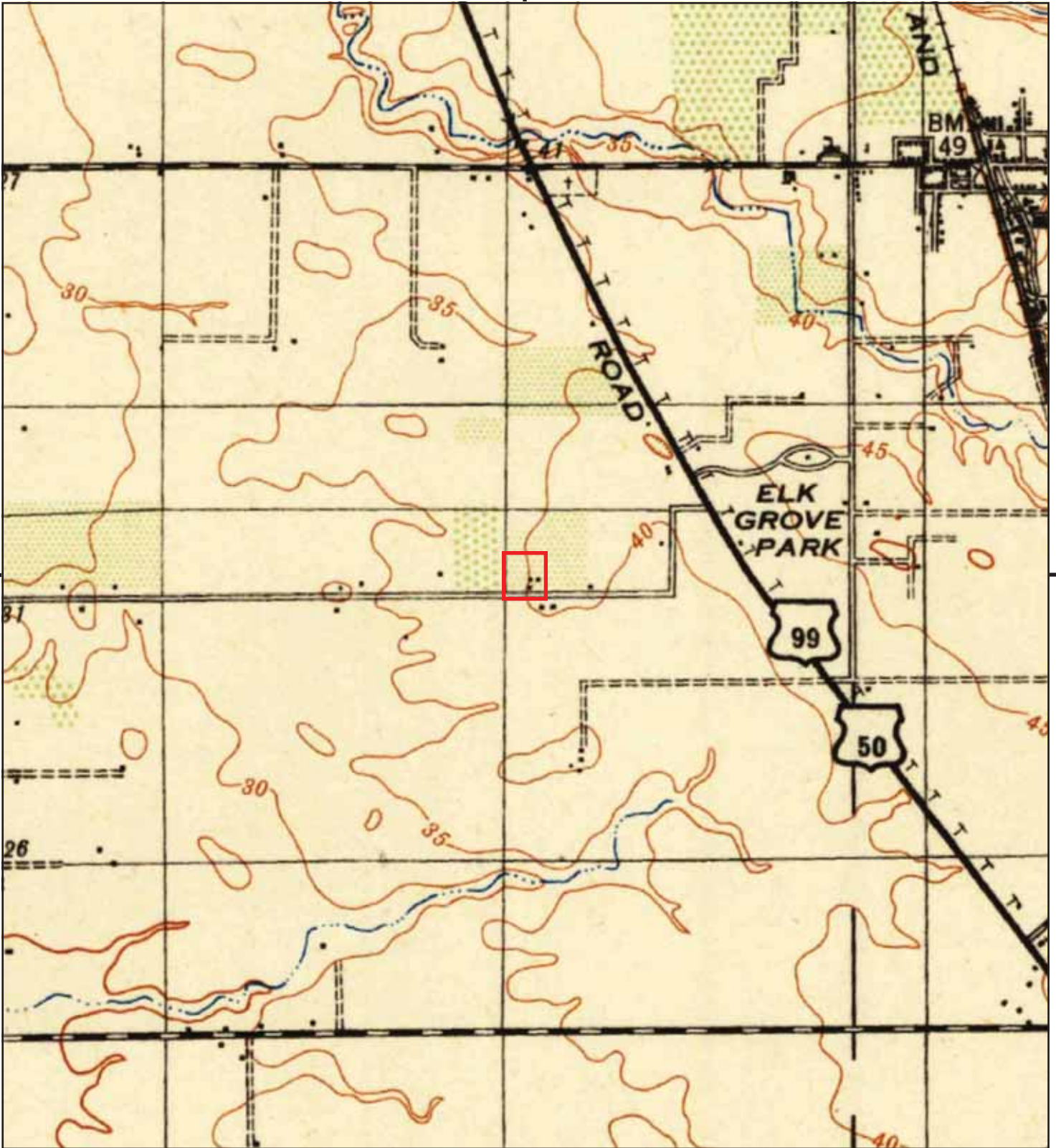


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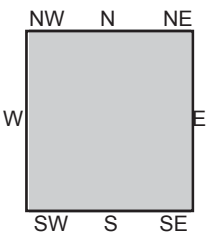
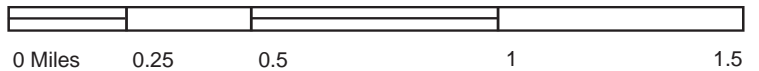


SITE NAME: Proposed Laguna Ridge Elementary Sch
 ADDRESS: 8551 Poppy Ridge Road
 Elk Grove, CA 95757
 CLIENT: Condor Earth Technologies, Inc





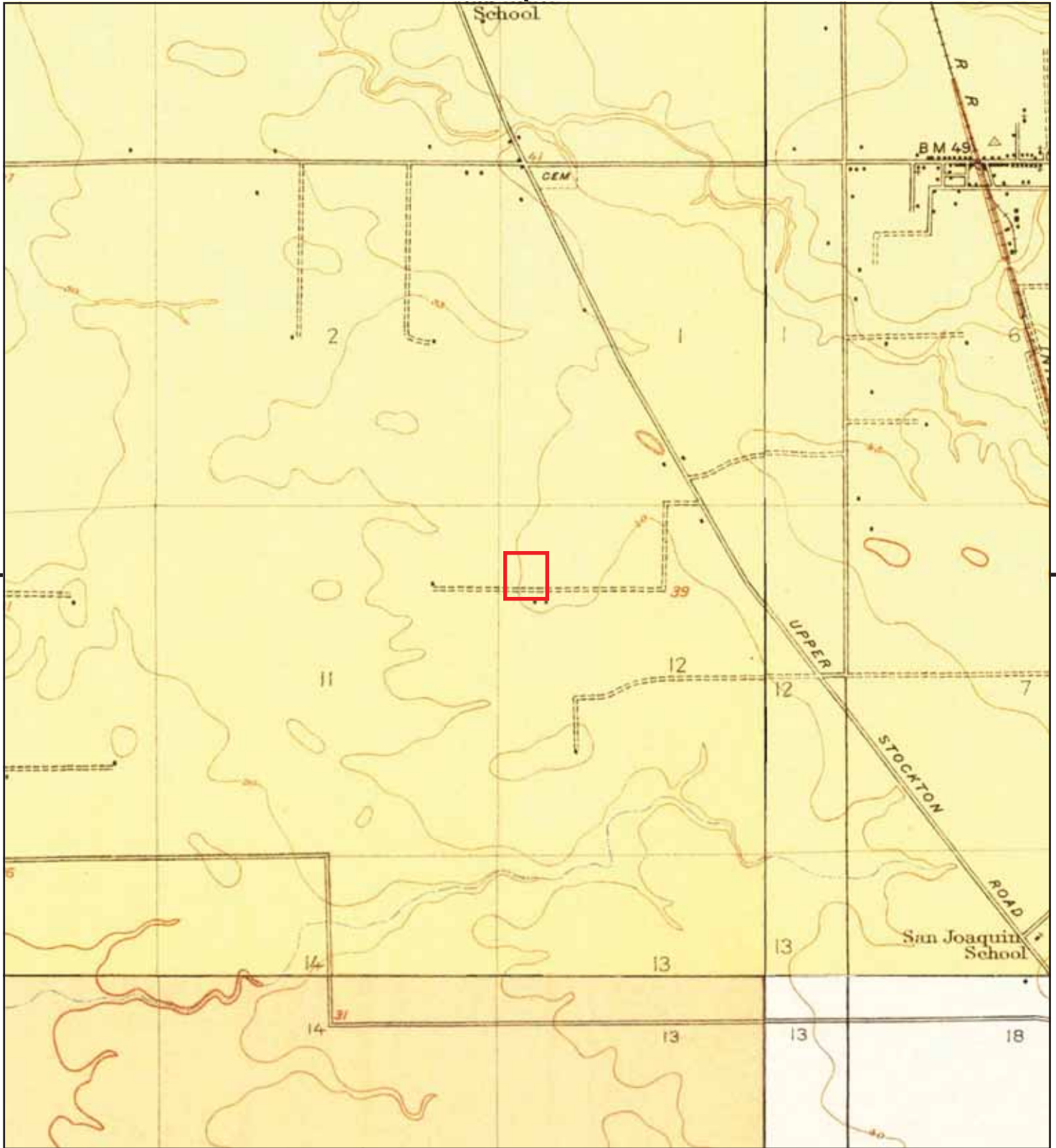
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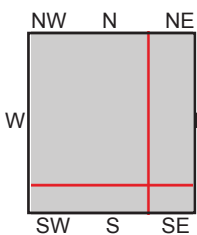
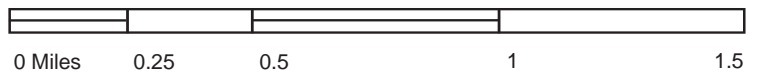
TP, Franklin, 1941, 15-minute

SITE NAME: Proposed Laguna Ridge Elementary Sch
 ADDRESS: 8551 Poppy Ridge Road
 Elk Grove, CA 95757
 CLIENT: Condor Earth Technologies, Inc





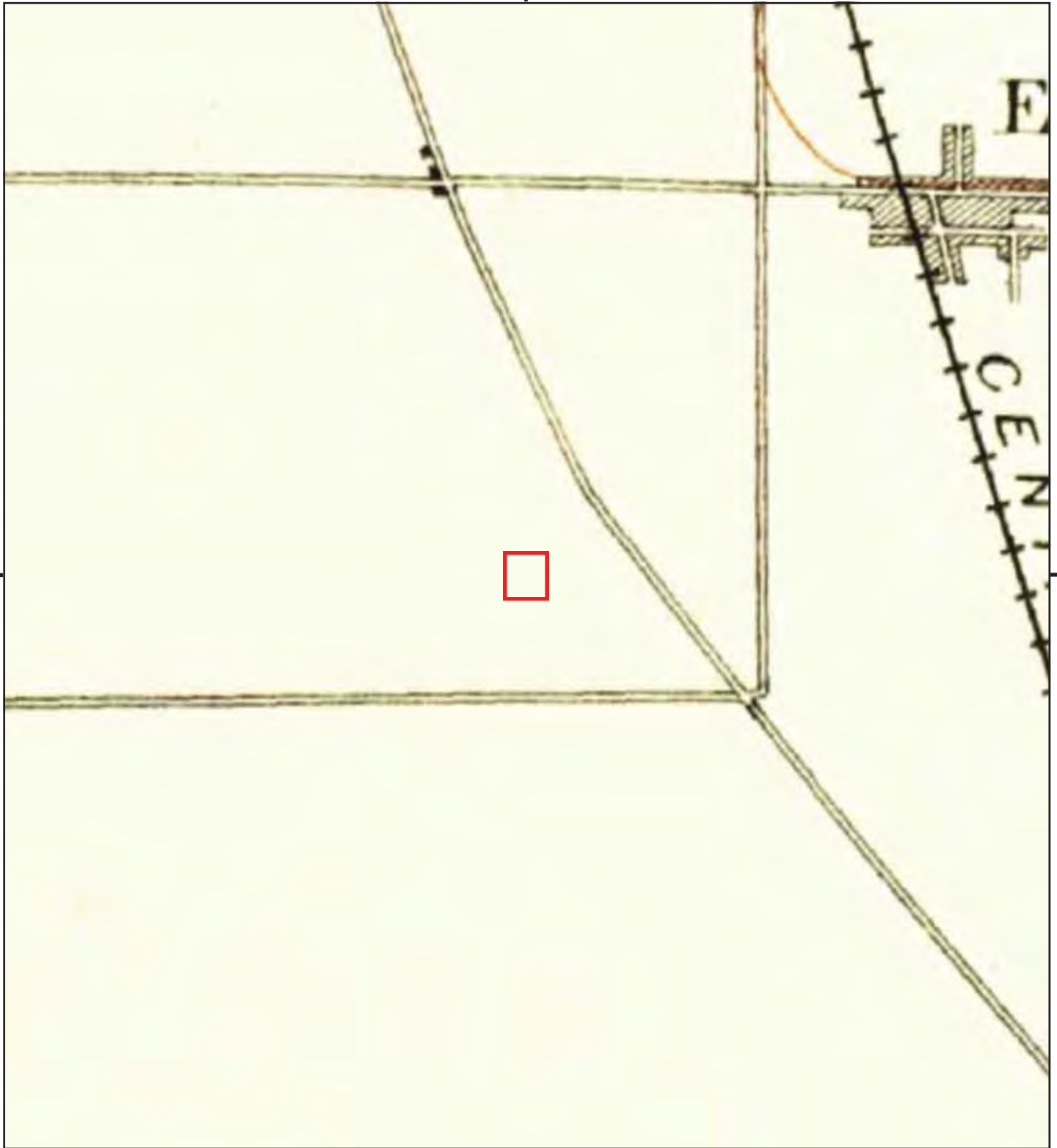
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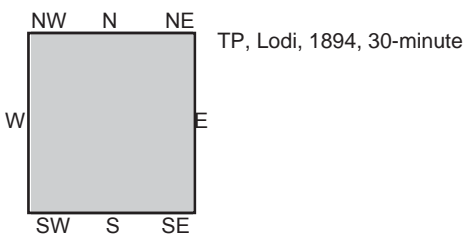
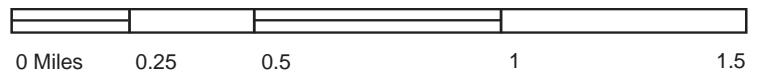
TP, Florin, 1909, 7.5-minute
NE, Elk Grove, 1909, 7.5-minute
SE, Galt, 1910, 7.5-minute
SW, Bruceville, 1910, 7.5-minute

SITE NAME: Proposed Laguna Ridge Elementary Sch
ADDRESS: 8551 Poppy Ridge Road
Elk Grove, CA 95757
CLIENT: Condor Earth Technologies, Inc





This report includes information from the following map sheet(s).



SITE NAME: Proposed Laguna Ridge Elementary Sch
 ADDRESS: 8551 Poppy Ridge Road
 Elk Grove, CA 95757
 CLIENT: Condor Earth Technologies, Inc





Proposed Laguna Ridge Elementary School

8551 Poppy Ridge Road

Elk Grove, CA 95757

Inquiry Number: 5838067.8

October 21, 2019

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

10/21/19

Site Name:

Proposed Laguna Ridge Eleme
8551 Poppy Ridge Road
Elk Grove, CA 95757
EDR Inquiry # 5838067.8

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
1998	1"=500'	Acquisition Date: August 18, 1998	USGS/DOQQ
1993	1"=500'	Flight Date: May 23, 1993	USDA
1984	1"=500'	Flight Date: June 08, 1984	USDA
1972	1"=500'	Flight Date: June 28, 1972	USDA
1966	1"=500'	Flight Date: August 05, 1966	USGS
1964	1"=500'	Flight Date: May 19, 1964	USDA
1957	1"=500'	Flight Date: September 09, 1957	USDA
1947	1"=500'	Flight Date: July 28, 1947	USGS
1937	1"=500'	Flight Date: August 17, 1937	USDA

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INQUIRY #: 5838067.8

YEAR: 2016

— = 500'





INQUIRY #: 5838067.8

YEAR: 2012

= 500'





INQUIRY #: 5838067.8

YEAR: 2009

— = 500'





INQUIRY #: 5838067.8

YEAR: 2006

— = 500'





INQUIRY #: 5838067.8

YEAR: 1998

— = 500'





INQUIRY #: 5838067.8

YEAR: 1993

= 500'





INQUIRY #: 5838067.8

YEAR: 1984

— = 500'





INQUIRY #: 5838067.8

YEAR: 1972

— = 500'





INQUIRY #: 5838067.8

YEAR: 1966

— = 500'



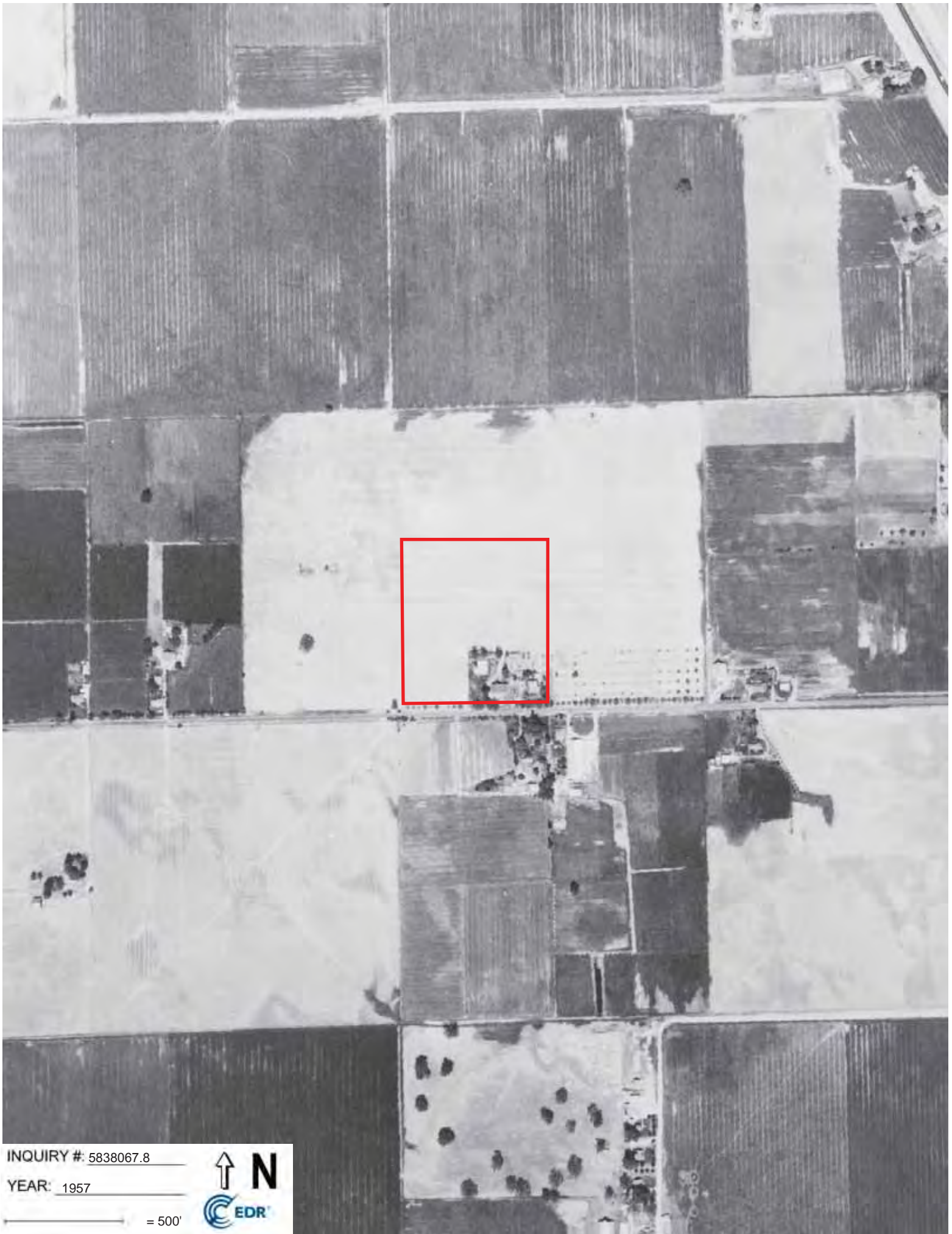


INQUIRY #: 5838067.8

YEAR: 1964

— = 500'





INQUIRY #: 5838067.8

YEAR: 1957

— = 500'





INQUIRY #: 5838067.8

YEAR: 1947

— = 500'





INQUIRY #: 5838067.8

YEAR: 1937

— = 500'



Proposed Laguna Ridge Elementary School

8551 Poppy Ridge Road
Elk Grove, CA 95757

Inquiry Number: 5838067.5
October 23, 2019

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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Please contact EDR at 1-800-352-0050
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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>
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
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1994	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1989	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1974	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1970	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

8551 Poppy Ridge Road
Elk Grove, CA 95757

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

POPPY RIDGE RD

2014	pg A1	EDR Digital Archive
2010	pg A2	EDR Digital Archive
2005	pg A3	EDR Digital Archive
1999	pg A4	Haines Criss-Cross Directory
1994	pg A5	Haines Criss-Cross Directory
1989	pg A6	Haines Criss-Cross Directory
1985	pg A7	Haines Criss-Cross Directory
1985	pg A8	Haines Criss-Cross Directory
1980	pg A9	Haines Criss-Cross Directory
1974	pg A10	Haines Criss-Cross Directory
1970	-	Haines Criss-Cross Directory

Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

POPPY RIDGE RD 2014

6400	ELK GROVE UNIFIED SCHOOL DST
7518	BELL, DANIEL E
8000	GREENE, BEVERLY A
8015	PAULK, TOBY
8132	MOSER, WILLIAM J
8310	SUYENAGA, GEORGE M
8389	IBARRA, MIGUEL
8399	HEBERT, RODNEY S
8415	SHELMAN, KARI L
8440	OCCUPANT UNKNOWN,
8485	OCCUPANT UNKNOWN,
8488	OCCUPANT UNKNOWN,
8520	KRULL, THOMAS A
8533	OCCUPANT UNKNOWN,
8540	KRULL, ROBERT
8551	MASE, JAMES H
8641	HANDY ELECTRIC
	HUFSTEDLER, DAVID D
8645	ROMAYOR, ROBERTO C
	WHITE, HARLEY H
8646	RUIZ, FRANCISCO J
8651	MCLAUGHLIN, JERRY W
8659	MARANDOS, SAM G
	PETER MARANDOS LLC
8675	RYLANCE DENNIS JAN SR
	STELLING, RONNIE M
8681	PHANH, ADAM F
8686	OCCUPANT UNKNOWN,
8701	OCCUPANT UNKNOWN,
8771	A&D - AVE PAINTING INC
	RASHED, NORA
8775	KRULL FAYE
	KRULL, ROBERT E
10058	PEONY CHINESE MONGOLIAN BBQ

POPPY RIDGE RD 2010

6400	ELK GROVE UNIFIED SCHOOL DST
7518	BELL, DANIEL E
8000	GREENE, BEVERLY A
8015	PAULK, TOBY
8132	MOSER, MARIANNE
8310	SUYENAGA, GEORGE M
8389	RENTERIA, MAIRA
8399	HEBERT, RODNEY S
8440	OCCUPANT UNKNOWN,
8485	REARDAN, JOHN B
8488	JOHN BERNET ENTERPRISES
	PERKINS-BERNET, LANA P
8520	KRULL, THOMAS A
8533	BROWN, CLIFF C
8540	KRULL, ROBERT
8551	OCCUPANT UNKNOWN,
8641	HANDY ELECTRIC
8645	WHITE, HARLEY H
8646	MEDDINGS, CHARLES A
8651	MCLAUGHLIN, JERRY W
8659	MARANDOS, SAM G
8675	RYLANCE DENNIS JAN SR
	STEVENSON, TOMMY J
8681	RASHED, YASIR
8701	PANG, ALLEN
8771	A&D - AVE PAINTING INC
8775	KRULL FAYE
	KRULL, ROBERT E

POPPY RIDGE RD 2005

6400	ELK GROVE UNIFIED SCHOOL DST FORECAST HOMES
7518	BELL, DANIEL E
7623	OCCUPANT UNKNOWN,
7710	LING, JEFF
8000	GREENE, BERT D
8015	PAULK, TOBY YOUNT THOROUGHbred FARM
8109	BACKER, KEVIN J
8132	OCCUPANT UNKNOWN,
8159	OCCUPANT UNKNOWN,
8178	OCCUPANT UNKNOWN,
8182	OCCUPANT UNKNOWN,
8296	OCCUPANT UNKNOWN,
8310	SUYENAGA, GEORGE M
8355	LOGAN, PATRICK L
8365	OCCUPANT UNKNOWN,
8389	STOPP, MAUDINE
8394	OCCUPANT UNKNOWN,
8399	HEBERT, R S
8415	OCCUPANT UNKNOWN,
8440	WHEATLEY, BLAIR D
8485	OCCUPANT UNKNOWN,
8488	GRATZER RANDY GRATZER, RANDY M
8520	OCCUPANT UNKNOWN,
8533	BOGGESE, BRENT J
8540	KRULL, TOMAS A
8551	OCCUPANT UNKNOWN,
8641	HUFSTEDLER, DAVID
8646	MEDDINGS, CHARLES A
8647	OCCUPANT UNKNOWN,
8651	MCLAUGHLIN, JERRY W
8659	MARANDOS, SAM G
8668	CLARK, JANE S GROWING PLACES
8675	HERRICK, DEBORAH K
8681	MONTGOMERY, REID T
8701	KIMBALL, THOMAS D
8775	KRULL, ROBERT E

POPPY RIDGE RD 1999

POPPYRIDGE RD 95758 ELK GROVE			
WEALTH CODE 2.0			
7518	●BELL Daniel	00	+9
7623	●EDWIN F	00	+9
	ZGRAGGEN G H	916-684-2403	
X	STOCKTON BLVD		
7710	●MCGEARY Bob Jr	916-684-2233	
7910	●GREENE Bert	00	8
8000	●DUCKETT David	00	7
8015	DRAGONFIRE Morgans	916-691-1341	8
8109	●BACKER Kevin	00	8
8132	●MOSER William	00	+9
8159	●BROADBENT Fred	00	8
8178	●SMITH Earl	00	8
8296	BACKER James	916-684-2373	
8310	●SUYENAGA George	00	7
8355B	LOGAN Donna	916-684-2164	
B	LOGAN Patrick L	916-684-2164	
8365	TRANHAM Marvin	916-684-2193	
8389	●LEFFLER Allan	00	7
8394	●MOORE Luther	00	+9
8399	●REGLI Melvin	00	+9
8440	●WHEATLEY John	00	7
8488	●FOSSUM Leon	00	8
8520	KRULL Tomas A	916-684-2055	0
8533	XXXX	00	
8540	KRULL Robert	916-684-2342	0
8641	●HUFSTEDLER David	00	+9
	MILLER Lee	916-684-2593	
8647	●HUMES Mervin	00	+9
8650	XXXX	00	
8651	●MCLAUGHLIN Jerry	916-684-2446	
8652	XXXX	00	
8659	●MARANDOS Sam	00	+9
8668	●CLARK Jane	00	7
8675	●HERRICK Deborah	00	7
8681	●MONTGOMERY Reid	00	+9
8701	●KIMBALL Thomas	00	+9
8771	●GARIBAY Adelaide	00	+9
8775	●KRULL Robert	00	+9
X	BRUCEVILLE RD		
★	0 BUS	37 RES	12 NEW

POPPY RIDGE RD 1994

POPPYRIDGE RD 95758
ELK GROVE

WEALTH CODE 2.2

7518	BELL Daniel E	684-2366	8
7623	ZGRAGGEN Edwin	684-2403	9
7710	MCGEARY Bob Jr	684-2233	9
8000	XXXX	00	
8015	★ YOUNT THRGHBRD FARM	684-7878	2
8296	BACKER James	684-2373	8
8355B	LOGAN Donna	684-2164	
B	LOGAN Patrick L	684-2164	
8365	TRANHAM Marvin	684-2193	8
8389	LEFFLER Allan	684-6254	1
8394	MOORE L J	684-2226	9
8399	FEHRING L H	684-2402	8
8415	XXXX	00	
8440	XXXX	00	
8488	XXXX	00	
8520	KRULL Tomas A	684-2055	0
8533	XXXX	00	
8540	KRULL Robert	684-2342	0
8551	XXXX	00	
8641	MILLER Lee	684-2593	9
8645	WHITE Harley	684-2310	8
8646	XXXX	00	
8650	XXXX	00	
8651	MCLAUGHLIN Jerry	684-2446	9
8652	XXXX	00	
8668	XXXX	00	
8681	XXXX	00	
8771	XXXX	00	
★	1 BUS	27 RES	0 NEW

POPPY RIDGE RD 1989

POPPYRIDGE RD 95758
ELK GROVE

7518	BELL Daniel E	684-2366
7623	ZGRAGGEN Edwin	684-2403 +
7710	MCGEARY Bob Jr	684-2233 +
8000	GREEN Beverly	684-2151
8015	XXXX	00
8296	BACKER James	684-2373
8355	AARSETH Conrad	684-2729 +
B	LOGAN Donna	684-2164
B	LOGAN Patrick L	684-2193
8365	TRANHAM Marvin	00
8389	XXXX	684-2226 +
8394	MOORE L J	684-2402 +
8399	FEHRING L H	00
8415	XXXX	684-2447
8440	WHEATLEY John	684-2859 +
8488	FOSSUM L K	685-2825
8520	KRULLS Edmond A	685-4024
8540	KRULL Robert F	685-4624
8551	PONTI E J	685-3146
8641	MILLER Lee	684-2593 +
8645	WHITE Harley	684-2310
8646	XXXX	00
8650	MCDONALD Thomas	684-2864 +
8651	MCLAUGHLIN Jerry	684-2446 +
8652	XXXX	00
8668	XXXX	00
8681	SIMEROOTH R	684-3270 +
8701	REID Harold R	685-8974
8771	GARIBAY S H	684-2385
	PITTS Gertrude	684-2476 +
8775	XXXX	00

★ 0 BUS 32 RES 10 NEW

POPPY RIDGE RD 1985

POPPYRIDGE RD 95624
ELK GROVE

7518	BELL DANIEL E	685-4455	
7623	ZGRAGGEN EDWIN	685-4883	8
7710	MCGEARY BOB JR	685-3194	6
8000	GREENE BEVERLY	685-1853	+5
8015	CROWE RANCH	685-5200	4
8296	BACKER JAMES	685-4683	8
8355B	LOGAN PATRICK L	685-2319	9
8365	TRANHAM MARVIN	685-2624	0
8389	STOPP MAUDINE L	685-4440	
8394	MOORE L J CLEM	685-3107	1
8399	FEHRING L H	685-4882	6
8415	XXXX	00	
8440	WHEATLEY JOHN	685-5432	7
8520	BARONIS LAWNMOWERS	685-2825	2
	KRULL THOMAS A	685-2825	2
8533	LEWIS EDMUND R	685-4024	6
8540	KRULL ROBERT	685-4624	6
8551	PONTI E J	685-3146	
8641	MILLER LEE	685-4252	0
8645	WHITE HARLEY	685-4179	
8646	XXXX	00	
8650	SHORT JOE	685-3045	2
8651	MCLAUGHLIN JERRY	685-5389	7

POPPY RIDGE RD 1985

POPPYRIDGE RD		95624 CONT..	
8652	XXXX	00	
8668	XXXX	00	
8701	REID HAROLD R	685-8974	3
8771	GARIBAY S H	685-4740	6
	PITTS GERTRUDE	685-5816	8
8775	KRULL ROBERT E 2D	685-5593	
★	3 BUS	26 RES	1 NEW

POPPY RIDGE RD 1980

POPPYRIDGE RD 95624
ELK GROVE

7518	BELL DANIEL E	685-4455	4
7623	ZGRAGGEN EDWIN	685-4883	8
7710	MCGEARY BOB JR	685-3194	6
8000	GARCIA RONALD	685-5804	8
	GARCIA RONALD L	685-5802	7
	MAHON ROGER	685-2666	+0
8296	BACKER JAMES	685-4683	8
8355	AARSETH CONRAD	685-9640	6
	SANTAS FOREST	685-9640	6
B	LOGAN PATRICK L	685-2319	9
8365	TRANHAM MARVIN	685-2624	+0
8389	STOPP MAUDINE L	685-4440	
8399	FEHRING L H	685-4882	6
8415	SOARES T M	685-4617	5
8440	WHEATLEY JOHN	685-5432	7
8533	LEWIS EDMUND R	685-4024	6
8540	KRULL ROBERT	685-4624	6
8551	PONTI E J	685-3146	
8641	MILLER LEE	685-4252	+0
8645	WHITE HARLEY	685-4179	4
8651	MCLAUGHLIN JERRY	685-5389	7
8652	CLARK HAROLD	685-3816	3
8668	CLARK JANE	685-4128	4
8771	GARIBAY S H	685-4740	6
	PITTS GERTRUDE	685-5816	8
8775	KRULL ROBERT E 2D	685-5593	5



1 BUS

25 RES

3 NEW

POPPY RIDGE RD 1974

- POPPYRIDGE RD 95624 ELK GROVE

8641	XXXX	00
8645	WHITE HARLEY	685-417
8652	CLARK HAROLD	685-381
8668	CLARK JANE	685-412
NO #	AARSETH C A	685-964
NO #	*ALL WEST BREEDERS	685-474
NO #	ATKISON ROBERT M	685-327
NO #	BACKER JAMES	685-468
NO #	BELL DANIEL E	685-445
NO #	FEHRING L H	685-488
NO #	JACOBSEN KERMIT JR	685-301
NO #	KRULL ROBERT	685-462
NO #	LEWIS EDMUND R	685-402
NO #	MCGEARY R J BOB	685-319
NO #	MILLER LEE	685-425
NO #	MOORE L J CLEM	685-310
NO #	PONTI E J	685-314
NO #	SHEPPARD DOYLE	685-318
NO #	SILVA CHARLES	685-939
NO #	SOARES T M	685-461
NO #	STOPP MAUDINE L	685-444
NO #	TILLMAN R E	685-465
NO #	ZGRAGGEN EDWIN	685-488
*	1 BUS 22 RES	5 NEW

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 _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 _____ No <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 _____ No <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 petroleum <i>products</i> or environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes _____ No <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ 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 <u> X </u> _____ Unknown _____	Yes _____ No <u> X </u> _____ Unknown _____	Yes _____ No _____ Unknown _____

Initials: _____

The **preparer** of this form must complete the following required information.

This questionnaire was completed by:

Name: ENVIRONMENTAL PROFESSIONAL

Title: _____

Firm:

Address:

Phone Number: _____

Date: _____

If the preparer is different than the user, complete the following:

Name of User:

Address of User:

Phone Number of User:

Relationship of Preparer to Site: _____

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: _____ Name: _____

Title:

Initials:

APPENDIX F

Attachment B

SCOPE OF WORK PHASE I ENVIRONMENTAL SITE ASSESSMENT

PROPOSED ELEMENTARY SCHOOL 8551 POPPY RIDGE ROAD ELK GROVE, CALIFORNIA

Prepared for
Elk Grove Unified School District

INTRODUCTION

Condor Earth (Condor) will perform a Phase I Environmental Site Assessment (ESA) on property located at 8551 Poppy Ridge Road, Elk Grove, California. The Phase I ESA will be conducted for Elk Grove Unified School District (Client). The subject property is designated as Assessor's Parcel Number (APN) 132-0290-052 (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.

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.

QUALIFICATIONS

Condor has over three 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 Dewitt, California Professional Geologist (#7502) is the Environmental Professional who will perform this assessment out of our Stockton office. Alexander Dewitt has over 17 years of experience conducting environmental assessments in California for public agencies and private industry.

ESTIMATED SCHEDULE

Condor will commence Site assessment activities upon receipt of a signed contract for this work. Condor will complete the outlined Scope of Work within two weeks. Every effort will be made to complete the assessment report as soon as possible.

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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 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 *publically 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

APPENDIX H

Rebecca Selvage

From: spadmin@airquality.org
Sent: Friday, November 15, 2019 11:21 AM
To: Rebecca Selvage
Subject: Thank You For Submitting a PRA Request

Workflow Notification

Hello Rebecca Selvage,

Thank you for submitting a PRA Request. The PRA Request is being processed and you can expect to hear back from the District within 10 business days.

Below is a record of your submission details:

Request Details:

First Name: Rebecca
Last Name: Selvage
Company: Condor Earth Technologies, Inc.
Address: 188 Frank West Circle, Suite I
City: Stockton
State / Province: CA
ZIP / Postal Code: 95206
Home Phone: 2099381042
Business Phone: 2099381042
Fax Number: 2092340538
E-Mail: rselvage@condorearth.com
Facility Description: 8551 Poppy Ridge Road, Elk Grove, CA
Information Description: Requesting hazardous air emissions facilities within 0.25 miles of 8551 Poppy Ridge Road, Elk Grove, CA for use in a Phase I ESA for a school site.
Response Method: E-mail

Rebecca Selvage

From: Virginia Muller <VMuller@airquality.org>
Sent: Thursday, November 21, 2019 3:17 PM
To: Rebecca Selvage
Cc: Pat Smith
Subject: Sac Metro Air District Public Records Act (PRA) Request 949 – 11152019 Re: 8551 Poppy Ridge Road, Elk Grove, CA

Dear Rebecca:

We do not have any permits or other documents related to the address listed in the PRAR.

Sincerely,
Virginia Muller

Virginia Muller, Legal Assistant II / Clerk of the Hearing Board
District Counsel's Office



777 12th St., 3rd Flr
Sacramento, CA 95814
(916) 874-4809

APPENDIX E
AB 52 CONSULTATION MATERIAL



RECEIVED

SEP 20 2016

FACILITIES AND PLANNING
ELK GROVE UNIFIED
SCHOOL DISTRICT

April 7, 2016

Elk Grove Unified School District
9510 Elk Grove-Florin Road
Elk Grove, CA 95624

RE: California Environmental Quality Act Resources Code section 21080.3.1, subd. (b) Request for Formal Notification of Proposed Projects within the Buena Vista Rancheria's Geographic Area of Traditional and Cultural Affiliation

As of the date of this letter, in accordance with Public Resources Code Section 21080.3.1, subd. (b), Buena Vista Rancheria, which is traditionally and culturally affiliated with a geographic area within your agency's geographic area of jurisdiction, requests formal notice of and information on proposed projects for which your agency will serve as a lead agency under the California Environmental Quality Act (CEQA), Public Resources Code section 21000 et seq.

Pursuant to Public Resources Code section 21080.3.1, subd. (b), and until further notice, we hereby designate the following person as the tribe's lead contact person for purposes of receiving notices of proposed projects from your agency:

Name: Roselynn Lwenya, Ph.D.
Title: Environmental Resources Director/Tribal Historic Preservation Officer
Address: 1418 20th Street STE 200, Sacramento CA 95811
Phone Number: 916-491-0011
Fax Number: 916-491-0012
Email Address: roselynn@buenavistatribe.com

We request that all notices be sent via certified U.S. Mail with return receipt. Following receipt and review of the information your agency provides, within the 30-day period proscribed by Public Resources Code section 21080.3.1, subd. (d), the Buena Vista Rancheria may request consultation, as defined by Public Resources Code section 21080.3.1, subd. (b), pursuant to Public Resources Code section 21080.3.2 to mitigate any project impacts a specific project may cause to tribal cultural resources.

If you have any questions or need additional information, please contact our lead contact person listed above.

Sincerely,


Rhonda Morningstar Pope
Chairwoman Buena Vista Rancheria of Me-Wuk Indians

CC: Native American Heritage Commission

1418 20th Street, Ste. 200
Sacramento, CA 95811
Tel. 916.491.0011  Fax 916.491.0012
www.buenavistatribe.com



Members of the Board:

Beth Albiani
Nancy Chaires Espinoza
Carmine S. Forcina
Chet Madison, Sr.
Dr. Crystal Martinez-Alire
Anthony "Tony" Perez
Bobbie Singh-Allen

Susan Bell
Chief Facilities Officer
Facilities and Planning

Robert L. Trigg Education Center
9510 Elk Grove-Florin Road, Elk Grove, CA 95624

(916) 686-7711
FAX: (916) 686-7754

September 14, 2020

Sent via e-mail to: mike@buenavistatribe.com

Michael Despain
Environmental Resources Director/Tribal Historic Preservation Officer
Buena Vista Rancheria Me-Wuk Indians
1418 20th Street, Suite 200
Sacramento, CA 95811

RE: Notification of Proposed Elementary School Project within Geographic Area of the Federated Indians of Buena Vista Rancheria (AB52)

Dear Mr. Despain:

The Elk Grove Unified School District (EGUSD) proposes development of a new elementary school on a 10-acre site located at the northwest corner of Poppy Ridge Road and Lousada Drive (see attached figures). The project site is within the City of Elk Grove city limits and is a part of the approved Laguna Ridge Specific Plan (LRSP), which provides for urban development of the site and surrounding lands north of Poppy Ridge Road. Urban development of lands south of Poppy Ridge Road has also approved by the City.

The Buena Vista Rancheria Me-Wuk Indians (tribe) indicated in its April 17, 2016 letter to EGUSD (attached) that the District is within a geographical area that has been identified as being traditionally and culturally affiliated with the tribe. The tribe requested formal notice of and information on proposed projects for which the EGUSD would serve as the CEQA Lead Agency as provided in AB 52 (Public Resources Code Section 21080.3.1).

The EGUSD is the CEQA Lead Agency for the proposed elementary school project and hereby provides the tribe with notice of the proposed project pursuant to AB 52. The tribe has 30 days from receipt of this letter to indicate if it wishes to consult on this project. If no response is received, it will be assumed that the tribe declines consultation.

If the tribe desires to consult on this project, please send a written response to Kim Williams, Planning Manager, Elk Grove Unified School District, 9510 Elk Grove-Florin Road, Elk Grove, CA 95624. In your response, please designate the lead contact person for this consultation, along with contact information. If you have any questions, please contact me at (916) 793-2655.

Sincerely,

Kim Williams
Planning Manager



RECEIVED

SEP 20 2016

FACILITIES AND PLANNING
ELK GROVE UNIFIED
SCHOOL DISTRICT

April 7, 2016

Elk Grove Unified School District
9510 Elk Grove-Florin Road
Elk Grove, CA 95624

RE: California Environmental Quality Act Resources Code section 21080.3.1, subd. (b) Request for Formal Notification of Proposed Projects within the Buena Vista Rancheria's Geographic Area of Traditional and Cultural Affiliation

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Name: Roselynn Lwenya, Ph.D.
Title: Environmental Resources Director/Tribal Historic Preservation Officer
Address: 1418 20th Street STE 200, Sacramento CA 95811
Phone Number: 916-491-0011
Fax Number: 916-491-0012
Email Address: roselynn@buenavistatribe.com

We request that all notices be sent via certified U.S. Mail with return receipt. Following receipt and review of the information your agency provides, within the 30-day period proscribed by Public Resources Code section 21080.3.1, subd. (d), the Buena Vista Rancheria may request consultation, as defined by Public Resources Code section 21080.3.1, subd. (b), pursuant to Public Resources Code section 21080.3.2 to mitigate any project impacts a specific project may cause to tribal cultural resources.

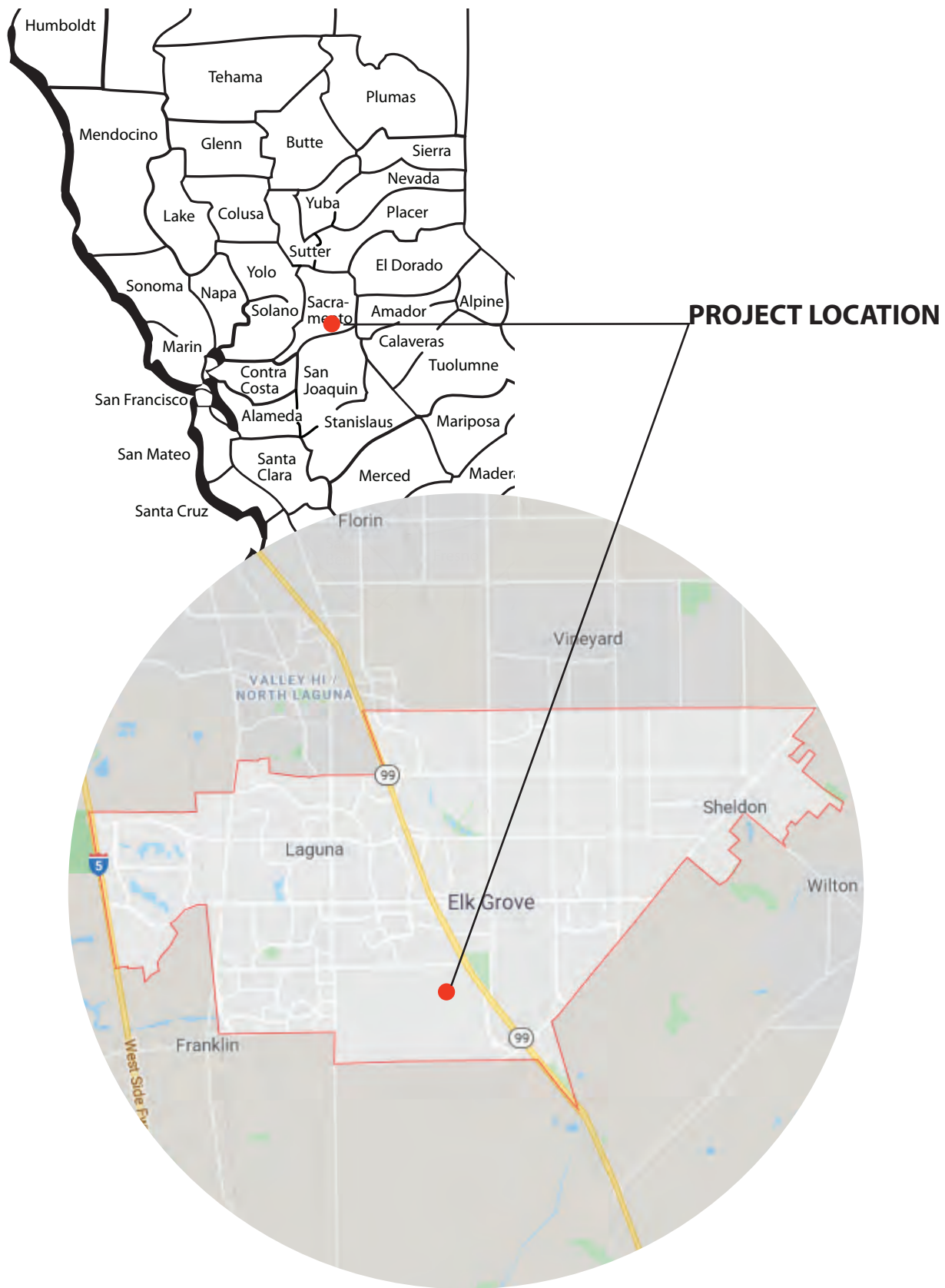
If you have any questions or need additional information, please contact our lead contact person listed above.

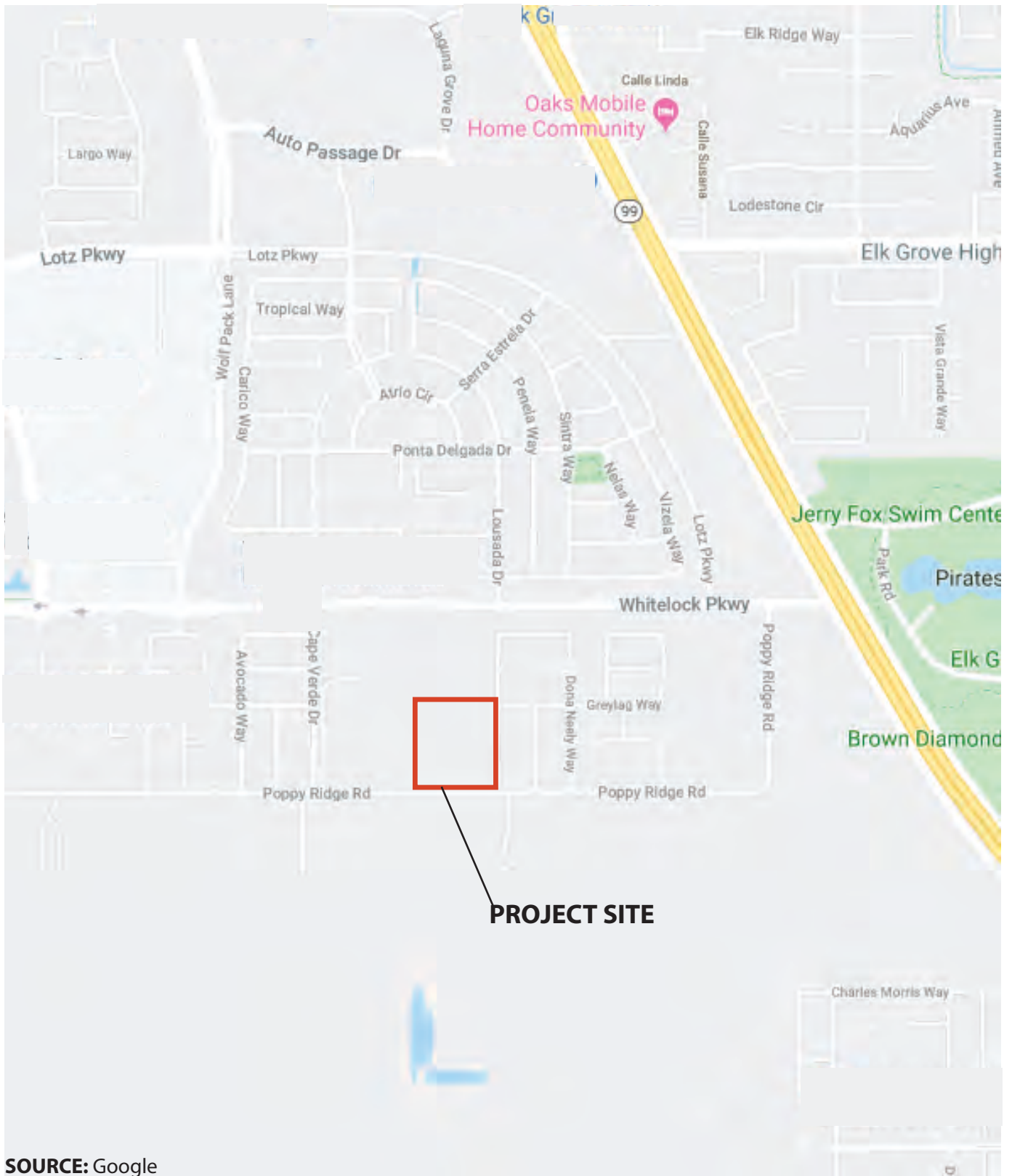
Sincerely,

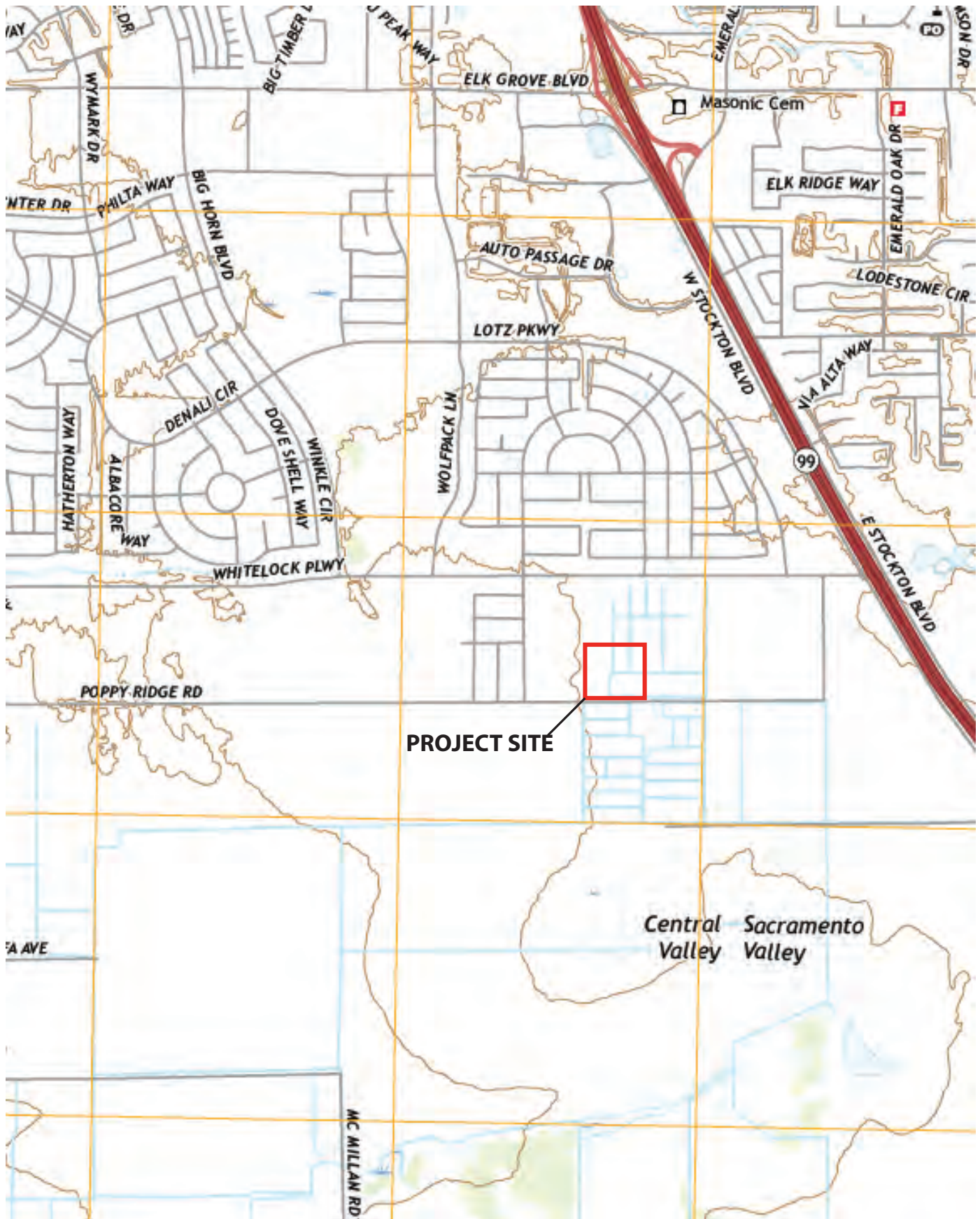

Rhonda Morningstar Pope
Chairwoman Buena Vista Rancheria of Me-Wuk Indians

CC: Native American Heritage Commission

1418 20th Street, Ste. 200
Sacramento, CA 95811
Tel. 916.491.0011  Fax 916.491.0012
www.buenavistatribe.com







SOURCE: Florin CA Quadrangle Map, 2018.



Subject: Notification of Proposed Elementary School Project within Geographic Area of the Federated Indians of Wilton Rancheria
Date: Monday, October 5, 2020 at 4:54:49 PM Pacific Daylight Time
From: Kim Williams in Facilities
To: mmayberry@wiltonrancheria-nsn.gov, hgriffin@wildtonrancheria-nsn.gov
CC: Bill Heinicke in Facilities, Charlie Simpson
Attachments: Wilton Rancheria Notification Letter 10-5-20.pdf, Laguna Ridge East Elem Location Maps.pdf, Initial Study draft Tribal Cultural Resources.pdf, Initial Study draft Cultural Resources analysis.pdf

Dear Ms. Mayberry and Mr. Griffin:

The Elk Grove Unified School District (EGUSD) is planning to construct a new elementary school on a 10-acre site located at the northwest corner of Poppy Ridge Road and Lousada Drive in the city of Elk Grove. We do not have record of an AB 52 request for formal notification from your tribe, but we are notifying you of the project to provide you with an opportunity to consult with us should you wish to do so.

Attached is a notification letter with some information on the project and the cultural resources sections from our draft Initial Study.

Please confirm that you received this email, and let me know if you have any questions or need any additional information.

Regards,

Kim Williams

Planning Manager

Elk Grove Unified School District
9510 Elk Grove-Florin Road
Elk Grove, CA 95624

Phone: (916) 793-2655
Fax: (916) 686-7754