California Department of Forestry and Fire Protection
Environmental Review Report for an Exempt Project

Author:	Chris Wagoner
Title:	Project Manager
	Resource Conservation District of Tehama County (RCDTC)
Address:	2 Sutter Street, Suite D
	Red Bluff, CA 96080
Phone:	530-727-9984
Email:	cwagoner@tehamacountyrcd.org

Project Name:	Mill Creek/Surrey Village & Wilcox Community Improvement, Maintenance and Development Project
Project Number:	5GA21145
Program Type:	CCI-Fire Prevention
CAL FIRE Unit:	Tehama Glenn
County:	Tehama
Acres:	250
Legal Location:	The Project area is located on private properties within the Surrey Village and Wilcox Subdivisions located within Tehama County's SRA zone at an elevation of 417'. The following location represents the center of the overall Project are. The general Project area is displayed on **Map 1: Project Vicinity.**

Vicinity of the Surrey/Wilcox Subdivision is Latitude N 40°12' 07" Longitude W 121°13' 34"

Name of USGS 7.5'Quad Map(s): Red Bluff East

☒Project Vicinity Map Attached ☒Project Location Map Attached ☐Photos Attached

FILED

DEC 28 2022

JENNIFER A. VISE
TEHAMA COUNTY CLERK & RECORDER
BY Ariana Tepeda

Other Public Agency Review or Permit Required:

Would the project result in:	YES	NO
Alterations to a watercourse (DFW - Lake and Stream Alteration Agreement)	☐	☒
Conversion of timberland (CAL FIRE - Conversion Permit or Exemption)	☐	☒
Demolition (Local Air District - Demolition Permit)	☐	☒
Soil disturbance over 1 acre (RWQCB - SWPPP)	☐	☒
Fill of possible wetlands (404 Permit - USACE)	☐	☒
Other:	☐	☒

Discuss any above-listed topic item checked Yes and consultation with agencies:
NA

Project Description and Environmental Setting (describe the project activities, project site and its surroundings, its location, and the environmental setting):

The Project scope of work is divided into Project specific criteria depending on the type of site (inhabited/uninhabited) and vegetation being treated:

The **Surrey Village & Wilcox Subdivision Defensible Space, Roadside Vegetation Treatments** will result in the creation of defensible space and roadside vegetation treatments around homes in the Surrey Village development. The roadside treatments along the heavily travelled Adobe Road and Surrey Village Road as well as secondary roads within that community will provide direct protection to residents and structures from roadside ignitions and related fire spread. The establishment of a large fuel break within oak woodlands and grasslands along the Surrey Village community's eastern and southern boundary will provide indirect protection from roadside ignitions and related fire spread along the heavily travelled and populated Wilcox Road located approximately one mile to southwest of the development. Project work in connection with these efforts include:

- 250 acres of roadside treatments will be completed along those portions of Adobe Road and Surrey Village Road within the boundaries of the Surrey Village community. 30 feet from centerline within the road easement will be treated. State and County approve herbicides will be applied to all roadside treatment areas by a qualified applicator with the recommendation provided by a California licensed Pest Control Advisor (PCA).
- 90 homes targeted (90 acres) for thinning of vegetation and pruning of trees adjacent to selected homes to create defensible space. Herbicides will be applied to individual defensible space treatment areas based upon owner approval as documented in an RCD of Tehama County Access Agreement. All herbicides will be applied by a qualified applicator with the recommendation provided by a California licensed Pest Control Advisor (PCA).
- Removal of brush vegetation within dry gulches having no indication of stream flow.
- PG&E electricity facilities including wooden secondary distribution lines.
- Extensive housing development along roads within oak woodlands adjacent to the Surrey Village community
- Water Quality within the Sacramento River's mainstem

Removed materials

Brush and small tree vegetation will be chipped or masticated with chips and shreds left on site as a protective mulch.

If feasible, RCDTC will contract removal and hauling of woody biomass to appropriate facility or left at landowner request.

Community Outreach

In addition to vegetation treatments, the proposed Project work will include outreach and coordination with members of the Surrey Village/Wilcox community. Outreach and communications efforts will entail defensible space maintenance workshops at Fire Safe Council and Homeowners Association meetings. These RCD of Tehama County led event will provide

education opportunities to community members who will be encouraged to remain proactive in addressing fuel conditions within their area. Communication with the overall Tehama County and northern Sacramento Valley community will be in the form of news releases and other Project related education materials released to the public through print and online media outlets.

Environmental Impact Analysis

Aesthetics

☐ This topic does not apply to this project and was not evaluated further.

☒ This topic could apply to this project, and results of the assessment are provided below:

One outcome of proposed vegetation treatments will be enhanced aesthetics of developed parcels within the Surrey Village/Wilcox community. Mastication, chipping, thinning thickets of brush and small trees, trimming, and pruning trees and shrubs within 100' of habitable structures will result in the creation of defensible space and more natural (less dense) vegetation stands within the Surrey Village/Wilcox community. In the event treatments occur beyond the defensible space zone will improve critical ingress egress roadside vegetation. No significant adverse impacts to aesthetics are anticipated.

Agriculture and Forest Resources

☐ This topic does not apply to this project and was not evaluated further.

☒ Yes ☐ No Would any trees be felled? If yes, discuss protection of nesting birds, if necessary.

☐ Yes ☒ No Would the project convert any prime or unique farmland?

☐ Yes ☒ No Would the project result in the conversion of forest land or timberland to non-forest use?

☒ This topic could apply to this project, and results of the assessment are provided below:

There are no components of the **Surrey Village & Wilcox Subdivision Defensible Space, Roadside Vegetation Treatment** program that constitute Timber Operations under the California Forest Practice Rules. No land conversions or changes in land use will occur as no vegetation treatments will convert prime or unique farmland to other land uses. The migratory bird act will be adhered to. If proposed Project work is conducted within the March 1st to August 31st timeframe, nesting bird surveys shall be conducted within the proposed treatment sites prior to any operations. If any nest is discovered, the nest tree/brush will be excluded from the project area. No impacts to agricultural and forest resources are anticipated.

Air Quality

☐ This topic does not apply to this project and was not evaluated further.

☒ Yes ☐ No The local Air Quality Management District guidelines for dust abatement and other air quality concerns were reviewed for this project.

☒ This topic could apply to this Project, and results of the assessment are provided below:

No release of gasses or odors in amounts that would adversely affect people in the program area will occur during implementation of any Project work. Although emissions would occur from equipment (chainsaws, powered mechanical equipment and vehicles), all will be compliant with current air quality regulations. All equipment to be used meets EPA emissions limits for Tier III engines, the current mandatory requirement for new diesel-powered engines. Operators will be

held to a five-minute maximum idle time during operation. Work is expected to cease during dry months. Consequently, dust resulting from the Project will be less than significant as will the risk of Project related ignitions and their potential to impacts to air quality. No significant impacts to air quality are anticipated.

Biological Resources

☐ This topic does not apply to this project and was not evaluated further.
☐ Yes ☒ No Will the project potentially effect biological resources?
☒ Yes ☐ No Was a current California Natural Diversity Database review completed? Results discussed below:
☐ Yes ☒ No Was a biological survey of the project area completed? Results discussed below:
☒ This topic could apply to this project, and results of the assessment are provided below:
Proposed vegetation treatments have been designed to avoid areas that could affect amphibian, crustaceans, fish, insect, and mammalian habitat including establishing buffers around all ponds, streams, springs, seeps, gulches, and other wet areas. Buffers will be established around any queried CNDDB plant species within vegetation treatment sites. In addition, surveys will be conducted prior to daily work activities to locate any non-listed ground nesting birds and buffers will be established. If active breeding and nesting sites are identified within any treatment footprint the proper buffers will be established and all work will cease near the nest site and a CAL FIRE personnel contacted to determine if consultation with CDFW or other appropriate State or federal agency should be initiated. If queried CNDDB species are discovered during program implementation, work will cease near the site while a buffer zone is established around the site and a CAL FIRE personnel contacted to determine if consultation with CDFW or other appropriate State or federal agency should be initiated. To ensure that Project work does not significantly impact identified species, landowners that participate in Project related services will receive a program participation packet in advance that will note potential Endangered, Threatened, and Protected Status Species within the Project area. They will also receive a copy of the guidelines used by CAL FIRE and the RCD of Tehama County in establishing buffers in various habitat types. Details regarding the protection measures that have been incorporated into this Project's work program as well as others established to protect biological and cultural resources within the Project area are found below under **"Changes Made to Avoid Environmental Impacts"**.

Cultural Resources

☐ This topic does not apply to this project and was not evaluated further.
☐ Yes ☒ No Was a current archaeological records check completed? Results discussed below:
☐ Yes ☒ No Was a CAL FIRE staff or contract archaeologist consulted? Results discussed below:
☐ Yes ☒ No Was an archaeological survey of the project area completed? Results discussed below:
☐ Yes ☒ No Will the project effect any historic, archaeological, or tribal cultural resources?
☒ This topic could apply to this project, and results of the assessment are provided below:

This Project will not impact sensitive resources as all Project work will be completed at the soil surface and consist of cutting, chipping, and masticating small trees and brush along roadways and adjacent to habitable structures and other developed features where resource

impacts have already occurred. No digging or soil disturbance (other than minor surface scuffing) is anticipated due to equipment size and nature of vegetation treatments. Importantly, all Project work will occur on private lands where public access is not permitted thus reducing the potential for post project theft. Prior to Project implementation, all personnel will be instructed on what constitutes cultural and tribal resources and the procedures to follow should such resources be found during vegetation treatments. If artifacts are found, a flagged no-treatment buffer will be immediately established around any newly discovered cultural/tribal resource with no vegetation removed. The RCDTC Project Manager will then inform Cal FIRE personnel of the sighting. Upon notification of the sighting, Cal FIRE cultural resource personnel will provide the RCD Project Manager with instructions on how found resources will be further analyzed and protected.

Should project activities reveal cultural or archaeological resources, CAL FIRE's standard post-review discovery procedures shall be enacted: work shall cease within 100 feet of the discovery and the unit personnel will be contacted; work will not resume until further contact from the archaeologist. Depending on the nature of the resource and level of protection necessary to avoid a significant effect, the project may no longer be considered exempt, and the appropriate CEQA document will be prepared. Per California Health and Safety Code (HSC 7050.5(b)), in the event human remains or burials are encountered, all work shall cease, and the Tehama County Coroner's office and the CAL FIRE unit personnel shall be contacted; work will not resume until clearance is granted.

Geology and Soils

☐ This topic does not apply to this project and was not evaluated further.
☒ This topic could apply to this project, and results of the assessment are provided below:

The tree falling, mastication, chipping, tree trimming and pruning service provided in connection with this Project will be completed at the soil surface with only minor surface soil scuffing attributed to the use of mastication equipment. Chipped material will be broadcast back onto treatment sites to create a protective mulch that will prevent erosion and soil impacts to local water bodies including the Sacramento River. Project work will not expose the public to geological/soils hazards. Soil types present within the Project area include Water-Fluventic Haploxerepts-Oxyaquic Xerofluvents-Oxyaquic Xerorthents complex, Columbia fine sandy loam, Columbia complex, Corning-Newville gravelly loams, Newville gravelly loam, Peters-Newville complex, and Zamora loam. No significant adverse impacts to soil or geology are anticipated related to program vegetation treatments. Importantly, program participants will be required to accept all the recommendations of the RCDTC and CAL FIRE which are based upon treatments that will not entail soil disturbing activities or not participate in the Surrey Village & Wilcox Subdivision Defensible Space, Roadside Vegetation Treatments.

Greenhouse Gas Emissions

☐ This topic does not apply to this project and was not evaluated further.
☐ Yes ☒ No Would the project generate significant greenhouse gas (GHG) emissions?
☐ Yes ☒ No Would these GHG emissions result in a significant impact on the environment?
Discuss below:
☐ Yes ☒ No Would the project conflict with an applicable plan, policy, or regulation?
Program equipment consists of one or two chippers, equipment with an attached mastication head, chainsaws, and log removal equipment. Protection from wildfire, smoke and related

GHG emissions attributable to rural ignitions will begin immediately after vegetation treatments are completed. Sequestration of carbon in understory shrubs within oak woodlands is estimated to be approximately 11 to 21 metric tons per hectare, depending on shrub density and increasing with stand age. Carbon sequestered within coarse woody debris in oak woodland landscapes will vary according to fuel loading and average between 5 to 14 tons per hectare, decreasing with stand age. Even though understory vegetation will be removed along with small, suppressed and poorly growing trees, the negative impact to carbon sequestration related to their removal will be offset by this Project's positive impact due to the reduced probability of catastrophic wildfire occurring in rural, habitable ignition zones. The significance threshold CAL FIRE uses to determine significance is 900 tons/yr. for indirect sources (combined construction and operational emissions) as established by the California Air Pollution Control Officers Association. Based upon this threshold the 324.214 metric tons of greenhouse gas emissions anticipated to be generated in connection with all Project work would not create a significant impact regarding greenhouse gas emissions.

Hazards and Hazardous Materials

☐ This topic does not apply to this project and was not evaluated further.

☒ This topic could apply to this project, and results of the assessment are provided below:

All Project work that entails hazardous materials to be used in connection with project work include fuel required for vegetation treatment equipment, lubricants for equipment and herbicide used to control vegetation regrowth. Fuel, lubricant, and herbicide spillage will be minimized by conducting those operations in flat areas, having containment equipment such as spill kits and absorbent sheets available. As well as no mixing of chemicals, servicing of equipment and refueling will be done within the buffer zones of a watercourse or any other water transpiration system that would allow hazards material to reach a perennial stream, river, pond, stream, spring, seeps, gulches, or other wet areas. No significant impacts related to hazards or hazardous materials are anticipated due to this Project's vegetation treatment operation standards incorporated into the proposed scope of work.

Hydrology and Water Quality

☐ This topic does not apply to this project and was not evaluated further.

☐ Yes ☒ No Will the project potentially affect any watercourse or body of water?

☒ This topic could apply to this project, and results of the assessment are provided below:

The **Surrey Village & Wilcox Subdivision Defensible Space, Roadside Vegetation Treatments** will result in the creation of fire resilient community along with better ingress/egress potential. The primary goal of these efforts is to reduce the threat of wildfire passing throughout these developed areas threating public health and safety as well as water quality conditions within local streams. During the implementation of Project work, streams and other aquatic areas within the Project area will be protected from impacts through the establishment of flagged equipment limitation zones (ELZ). Chipped material will be broadcast onsite, avoiding sensitive areas including watercourses. No water runoff or erosion of soils within treatment sites is anticipated due to the establishment of ELZs along stream zones and the use of chipped material as a protective mulch. Due to the nature of proposed Project work, these efforts will not expose the public to hydrological hazards, because there will be no mixing of chemicals, servicing of equipment and refueling will be done within the buffer zones of a watercourse or any other water transpiration system that would allow hazards material to reach a perennial stream, river, pond, stream, spring, seeps, gulches, or other wet areas. Finally, equipment used in connection with

Project work will only be operated within identified treatment sites for a short period of time and once completed more natural conditions will develop.

Land Use and Planning
☒ This topic does not apply to this project and was not evaluated further.
☐ This topic could apply to this project, and results of the assessment are provided below:

No change to land use is anticipated due to implementation of proposed project work.

Mineral Resources
☒ This topic does not apply to this project and was not evaluated further.
☐ This topic could apply to this project, and results of the assessment are provided below:
No impacts to mineral resources are anticipated due to implementation of proposed project work.

Noise
☐ This topic does not apply to this project and was not evaluated further.
☒ This topic could apply to this project, and results of the assessment are provided below:
This Project will utilize a masticator, chipper, mower, weed whacker, and chainsaw. The masticator and chipper have had all State required noise canceling devices installed. No long-term impacts to ambient noise levels are anticipated as Project work will be conducted within a particular area for a short period of time.

Population and Housing
☒ This topic does not apply to this Project and was not evaluated further.
☐ This topic could apply to this project, and results of the assessment are provided below:
No change in population or housing will occur due to implementation of Project work.

Public Services
☒ This topic does not apply to this project and was not evaluated further.
☐ This topic could apply to this project, and results of the assessment are provided below:
There will be no change or increased need for public services with the implementation of this Project.

Recreation
☒ This topic does not apply to this project and was not evaluated further.
☐ This topic could apply to this project, and results of the assessment are provided below:
There will be no change or increased need for recreation services due to the implementation of Project work.

Transportation and Traffic
☐ This topic does not apply to this project and was not evaluated further.

☒ This topic could apply to this project, and results of the assessment are provided below:
A portion of proposed Project work will occur along lightly travelled rural roadways. Consequently, safety cones will be placed along road edges and if required, a flagger will be utilized to control traffic. Prior to implementation of vegetation treatments along the Tehama County maintained Adobe Rd, an access agreement will be obtained from the Tehama County Road Department. No significant adverse impacts to transportation/traffic are anticipated.

Utilities and Service Systems
☒ This topic does not apply to this project and was not evaluated further.
☐ This topic could apply to this project, and results of the assessment are provided below:
There will be no change or increased need for utilities and service systems due to proposed Project work.

Changes Made to Avoid Environmental Impacts:

Listed and Special Concern Plant Species

1. The extent of the occurrence will be determined by the RPF or supervised designee relative to the operating area.
2. CDFFP and DFW will be notified immediately.
3. RPF or designee will flag an ELZ around a portion of the occurrence to leave it in an undisturbed state.
4. Minimize disturbance in occurrence areas outside of the ELZ by directional felling.
5. If, after consultation with DFW additional or different mitigations are necessary to protect the occurrence then such measures will be performed.

Water Quality and Aquatic/Riparian Species:
Watercourse description and protection measures to be applied: (14 CCR 916.5)

	Class I WLPZ	**Class II WLPZ**	**Class III ELZ**
Zone Widths:			
0-30%	75 feet	50 feet	25 feet
31-50%	100 feet	75 feet	50 feet
51%+	150 feet	100 feet	50 feet
	ADG	**BEI**	**CFH**

The protection measure letter designations listed above are defined as:

- A = The WLPZ boundary shall be clearly identified on the ground with blue flagging by the RPF or designee.
- B = The WLPZ boundary shall be clearly identified on the ground with blue flagging by the RPF or designee prior to start of operations.
- C= The ELZ boundary of the watercourse shall be clearly identified on the ground with blue flagging by the RPF, or supervised designee, prior to the start of operations.
- D = To ensure retention of shade canopy filter strip properties of the WLPZ and the

maintenance of a stand for protection of values described in 936.4(b), cut trees will be marked with blue paint with a base mark below the cut line and a mark at DBH, by the RPF or designee.

- E = To ensure retention of shade canopy filter strip properties, etc., cut trees will be marked with blue paint with a base mark below the cut line and a mark at DBH, prior to operations by the RPF or supervised designee.
- F = Cut trees shall be marked with blue paint prior to the start of falling operations, by the RPF or supervised designee.
- G = To protect water temperature, filter strip properties, etc., at least 50% of the overstory vegetation and 50% of the understory vegetation covering the ground and adjacent waters shall be left well-distributed and composed of a diversity of species like that found before the start of operation. The residual overstory vegetation shall be composed of at least 25% of the existing overstory vegetation.
- H= At least 50% of the understory vegetation present before operations shall be left living and well distributed within the ELZ to maintain soil stability.
- I = To protect water temperature, filter strip properties, etc., at least 50% of the total vegetation covering the ground shall be left in a well distributed configuration composed of a diversity of species similar of those found before the start of operations. The residual vegetation shall be composed of at least 25% of the existing vegetation.

Hydrology

Best management practices (BMPs) will be utilized within the Project area to minimize erosion. All equipment and staging areas will be established within upland areas and will avoid wetland, riparian, or stream channel habitats. No hazardous materials and/or sedimentation will be discharged into wetland, riparian, or stream channel habitats No operations will occur within wetland, riparian or stream channel habitats.

Listed and Special Status Animal Species:

During the life of the project, if any listed species (defined pursuant to 895.1) are discovered by visual detection under or immediately above the canopy during the critical period or by direct physical evidence of nesting or denning, operations within 0.25 miles shall be stopped and the responsible RPF or RPF designee and CDFFP inspector shall be notified.

DFW shall be contacted to initiate a consultation. After the consultation with the DFW and/or CDFFP is complete the location and necessary protection measures shall be documented. If an occupied nest of a listed bird species is discovered within the project area the general provisions will be implemented:

- "During operations, nest tree(s), designated perch trees(s), screening tree(s), and replacement trees(s), shall be left standing and unharmed except as otherwise provided in these following rules."
- "Operations shall be planned and operated to commence as far as possible from occupied nest trees."
- "When an occupied nest site of a listed bird species is discovered during operations, the operator shall protect the nest tree, screening trees, perch trees, and replacement trees and shall apply the provisions of subsections above and shall immediately notify the Department of Fish and Game and the Department of Forestry and Fire Protection. Documentation reflecting such additional protection as is agreed between the operator and the Director after consultation with the Department of Fish and Game.

Cultural Resources:

- Should project activities reveal cultural or archaeological resources:

CAL FIRE's standard post-review discovery procedures will be implemented

Work will cease within 100 feet of the discovery.

The Unit personnel will be contacted, and work will not resume until instructions are provided to the RCDTC
Project Manager regarding the disposition of artifacts.

Depending on the nature of the resource and level of protection necessary to avoid a significant effect, the project may no longer be considered exempt, and the appropriate CEQA document will be prepared. Per California Health and Safety.

Code (HSC 7050.5(b)), in the event human remains or burials are encountered, all work will cease and the Tehama
County Coroner's office and the CAL FIRE unit personnel will be contacted; work will not resume until clearance is
granted.

Hazards and Hazardous Materials

- To reduce potential impacts associated with chemical spills in streams and riparian areas, the RCDTC Project Manager will ensure that mixed chemical materials are at no time transported across a live stream at any time.

- The RCDTC Project Manager will select herbicide mixing and loading areas on flat sites that are away from stream and riparian non-treatment areas

- The RCDTC Project Manager will ensure that chemical containment equipment including absorbent sheets and waddles are made available at herbicide mixing and loading areas.

- Herbicide application equipment will be stored and maintained within properly cleared areas as established by the RCDTC Project Manager. The RCDTC Project Manager will inspect herbicide mixing and loading sites along with storage areas to assure compliance with this Project requirement. These inspections will also verify these sites' adequacy in protecting riparian and terrestrial resources as well as the availability of containment equipment.

- All herbicide application equipment will be periodically inspected by the RCDTC Project Manager or the Licensed Applicator for leaking herbicide and surfactants. Any such leaks will be repaired prior to resuming chemical applications. The results of these inspections will be incorporated into the Project files along with evidence of any repairs required and completed before returning equipment to Project work sites.

- To reduce wildlife disturbance, the RCDTC Project Manager will direct Licensed Applicators to avoid spraying all wildlife observed in herbicide treatment areas. Those areas not sprayed due to the presence of wildlife may be sprayed once wildlife has left the treatment area. Those areas having suspected occupied nesting or denning habitats will also be avoided and left untreated. The RCDTC Project Manager will demonstrate compliance with this measure through the submission of annual reports no later than December 31st of each year that the Project is implemented. No herbicide treatments will occur within the nesting season of any listed avian species.

- Portions of target plants hanging over non-treatment areas will be moved out of such locations prior to treatment with no spraying completed within buffered areas. Either the RCDTC Project Manager or License applicator will conduct daily equipment checks to minimize the likelihood of a spill or accidental release of herbicide. If herbicides are inadvertently released into any non-treatment area, the Licensed Pesticide Applicator will report such releases immediately to the RCDTC Project Manager who will then report the incident to the CDFW and USFWS within 72 hours of occurrence including its location, date, time, herbicide type and concentration, reason for the inadvertent release, measures taken to reduce chemical impact along with those undertaken to avoid future releases.

- Herbicide treatments will occur outside the breeding period of all special status species shown in **Attachment A Formally Listed Species Found in the Immediate Vicinity of the Surrey Village & Wilcox Subdivision Defensible Space, Roadside Vegetation Treatments** area. Any special status wildlife species that may be found during Project implementation will be moved to a safe location under directives obtained from the Wildlife Branch of Region 1, California Department of Fish and Wildlife. Personnel conducting vegetation treatments or herbicide applications will search for and relocate special status species that may be under vegetation prior to chemical use. Personnel involved with the movement of wildlife will not handle chemicals.

- All applications of herbicide will be done by a Qualified Licensed Applicator and under the supervision of a California Licensed Pest Control Advisor in accordance with applicable, federal, state, and local laws or guidelines. All applicators will be trained to safely handle and apply herbicides per State of California regulations as well as those of the Tehama County Department of Agriculture. The RCDTC Project Manager will submit required annual reports to the California Department of Fish and Wildlife with a copy retained in Project files

- A clean tank will be used for gathering stream water to be mixed in chemical tanks. No mixing will occur within any buffer nor in or near any storm water inlet.

- To increase applicator accuracy, avoid missed vegetation and overspray as well as to indicate personal exposure to herbicides, a suitable stain or dye will be incorporated into herbicides prior to application.

- All workers involved with herbicide applications will ware appropriate protective clothing and related safety equipment (masks gloves etc.) as per the guidelines of the California Department of Industrial Relations Division Department of Occupational Safety and Health and those of the manufacturer.

- Clean soap and water will be made readily available on site for the purpose of emergency washing. Wash stations will be located away from any natural waterway to avoid contamination of waterways and ponds in the area.

- Dependable radios or phone communication will be available on site to report any emergency which may occur.

- Prior to and during herbicide application, signs will be posted along access points to minimize potential exposure by the public.

- Landowners and residents will be informed in writing as to the date when herbicides will be applied on their properties. This notification will provide information regarding the chemicals to be used and work scope measures developed to reduce environmental impacts. This notification will recommend that all persons and animals stay out of treatment areas for a specified period.

- No herbicide applications will take place when wind velocity is less than two (2) miles per hour or exceeds ten (10) miles per hour or when there is greater than a thirty percent (30%) forecast of rain within six (6) hours of treatments. Wind speeds will be monitored hourly.

Mandatory Findings of Significance:	**YES**	**NO**
(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 probably future projects.	☐	☒
(c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒

Justification for Use of a Categorical Exemption (discuss why the project is exempt, cite exemption number(s), and describe how the project fits the class):

Public Resources Code, Division 13, Chapter 6, Article 19, Section 15304 allows minor alteration of vegetation including fuel management activities provided the activities do not result in the taking of endangered, rare, or threatened plant/animal species, or cause significant erosion and sedimentation of surface waters. Minimal ground disturbance is anticipated in connection with all proposed vegetation treatments as these will be completed utilizing powered hand tools and mechanized equipment including a Chipper and masticator. The only impact to soils is anticipated to be minor scuffing of the surface soils by the masticator. Project area soils will be protected using chipped material as mulch. In addition, chipping equipment will not leave roadways thus reducing potential impacts related to fuel and lubricant spillage. Chipping service participants will receive a list with photographs of endangered, rare, or threatened plant/animal species that may occur on their private property in advance of the chipping service.

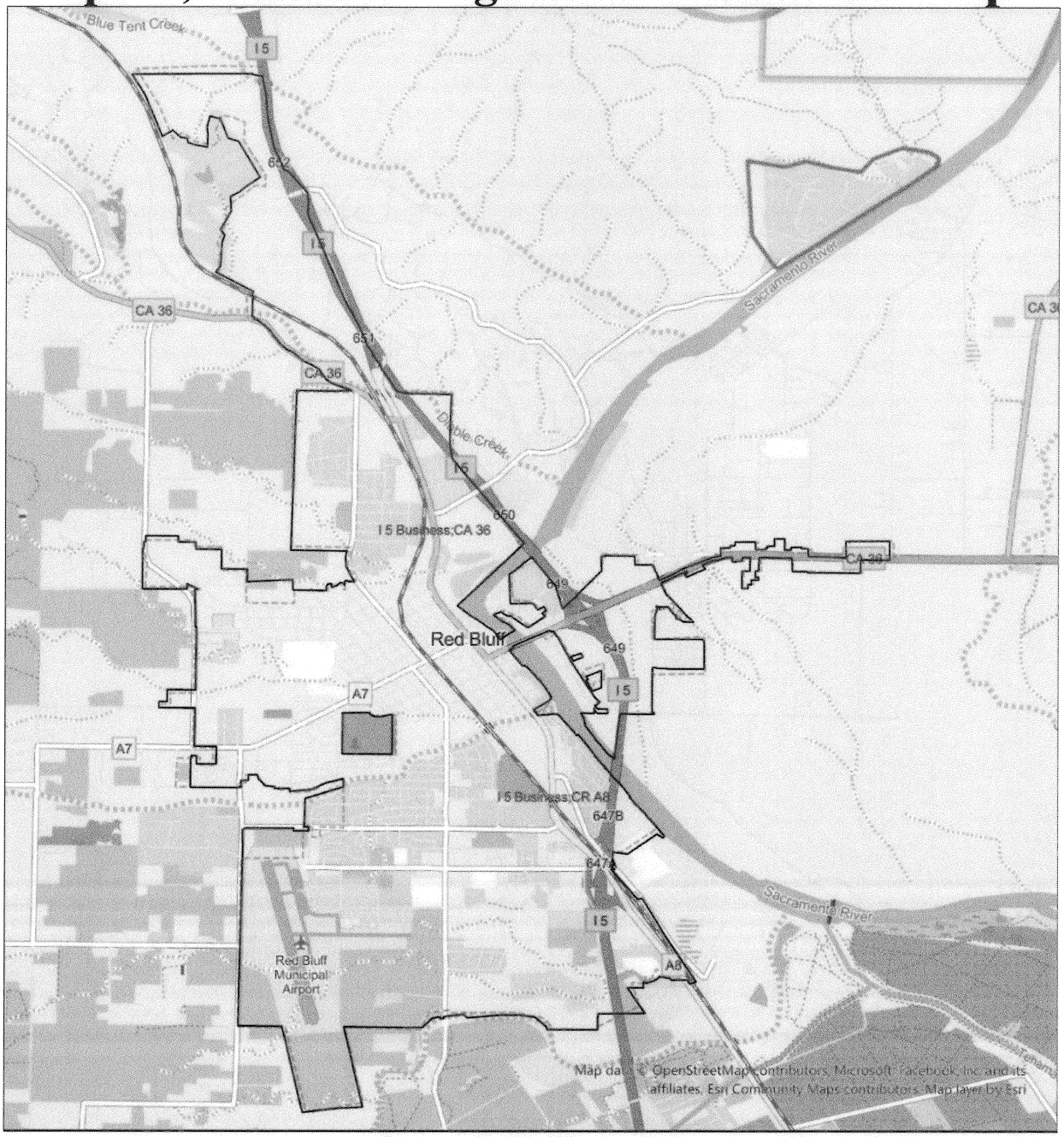
This Project is considered low impact given that much of the work will occur within the first 100' from habitable structures and 30' from centerline along roadways which have already been impacted by development. Furthermore, protection measures are in place to safeguard surface waters and species. The establishment of flagged buffers will occur in the event the vegetation treatments occur in the vicinity of ephemeral or permanent watercourses, springs, or other wet areas. Buffers will be established in the event endangered, rare, or threatened plant and animal species are encountered prior to impletion of Project work. Similar buffers will be established in the event cultural/tribal resources are found during implementation of Project work. A current CNDDB search was conducted, and it has been determined that program activities will have a low impact on the environment and low potential to effect cultural resources due to the area already being impacted by development.

Conclusion:

☒ After assessing potential environmental impacts and evaluating the description for the various classes of categorical exemptions to CEQA, CAL FIRE has determined that the project fits within one or more of the exemption classes and no exceptions exist at the Project site which would preclude the use of this exemption. CAL FIRE considered the possibility of (a) sensitive location, (b) cumulative impact, (c) significant impact due to unusual circumstances, (d) impacts to scenic highways, (e) activities within a hazardous waste site, and (f) significant adverse change to the significance of a historical resource. A notice of exemption will be filed at the State Clearinghouse.

☐ After assessing potential environmental impacts and evaluating the description for the various classes of categorical exemptions to CEQA, CAL FIRE has determined that the Project does not fit within the description for the various exemption classes or has found that exceptions exist at the Project site that precludes the use of a categorical exemption for this Project. Additional environmental review will be conducted and the appropriate CEQA document used may be a negative declaration or a mitigated negative declaration.

Surrey Village & Wilcox Subdivision Defensible Space, Roadside Vegetation Treatments Map



Surrey Village & Wilcox Vicinity Map

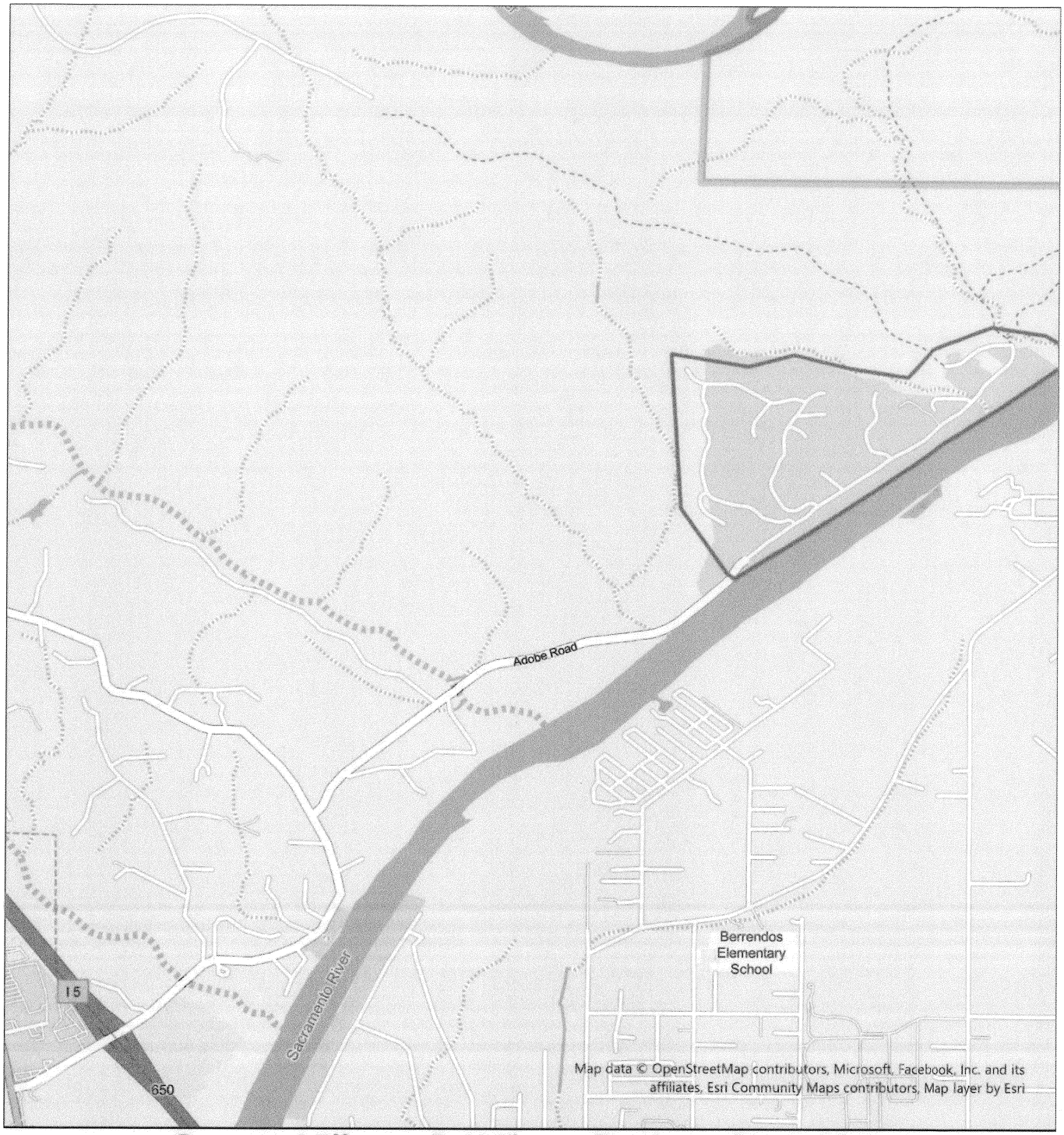
Surrey Village Treatment Area

Red Bluff City Limits

1:50,000

3 Miles

RESOURCE CONSERVATION DISTRICT OF TEHAMA COUNTY



Surrey Village & Wilcox Project Area Map

Surrey Village Treatment Area

1:24,000

1.5 Miles

RESOURCE CONSERVATION DISTRICT OF TEHAMA COUNTY

Appendix A

Formally Listed Species Found in the Immediate Vicinity of the

Surrey Village & Wilcox Subdivision Defensible Space, Roadside Vegetation Treatments

The Biological Assessment Area (BAA) is the project area plus a .25-mile boundary buffer. This assessment area was chosen because our ability to adversely impact and to mitigate those same impacts is limited to the project area. This outer zone allows for consideration of off-site impacts to migratory and/or territorial species within a reasonable distance from the project area. A query of the CNDDB Database BIOS (November 9, 2022) was conducted. The quadrangle scoping area for this project is centered on Red Bluff East with surrounding quads being Hooker, Bend, Dales, Red Bluff West, Tuscan Springs, West of Gerber, Gerber, and Los Molinos.

Scoping was used to determine which special status species are known or could potentially occur within the project boundary and assessment area. This methodology provides a reasonable assessment of habitat types, elevations, soils, and vegetative communities that could be present within the plan and is representative of the habitats found in the general landscape. Specific operational mitigation measures are described under Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.

Biological Resource Assessment:

Wildlife Scoping							
Scientific Name	**Common Name**	**Federal Status**	**State Status**	**CDFW Status**	**In Assessment Area**	**In Project Area**	**Potential Suitable Habitat**
Mammals							
Canis lupus	gray wolf	FE	SE	None	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Eumops perotis californicus	western mastiff bat	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Antrozous pallidus	pallid bat	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Corynorhinus townsendii	Townsend's big-eared bat	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Lasiurus frantzii	western red bat	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Birds							
Buteo swainsoni	Swainson's hawk	None	ST	None	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							

Coccyzus americanus occidentalis	western yellow-billed cuckoo	FT	SE	None	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Riparia riparia	bank swallow	None	ST	None	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Vireo bellii pusillus	least Bell's vireo	FE	SE	None	Y	N	Y
Cumulative Effects Analysis: The Least Bell'sVireo has been detected within the biological assessment area. If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Elanus leucurus	white-tailed kite	None	None	FP	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Haliaeetus leucocephalus	bald eagle	FD	SE	FP	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Aquila chrysaetos	golden eagle	None	None	FP; WL	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Circus hudsonius	northern harrier	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Agelaius tricolor	tricolored blackbird	None	ST	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Icteria virens	yellow-breasted chat	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Setophaga petechia	yellow warbler	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Athene cunicularia	burrowing owl	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Buteo regalis	ferruginous hawk	None	None	WL	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							

Falco mexicanus	prairie falcon	None	None	WL	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Lanius ludovicianus	loggerhead shrike	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Pandion haliaetus	Osprey	None	None	WL	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Nannopterum auritum	double-crested cormorant	None	None	WL	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Reptiles							
Emys marmorata	western pond turtle	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Crustaceans							
Branchinecta lynchi	vernal pool fairy shrimp	FT	None	None	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Lepidurus packardi	vernal pool tadpole shrimp	FE	None	None	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Amphibians/Fish							
Oncorhynchus tshawytscha pop. 11	chinook salmon - Central Valley spring-run ESU	FT	ST	None	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Rana boylii pop. 1	foothill yellow-legged frog – north coast DPS	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Spea hammondii	western spadefoot	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Acipenser transmontanus	white sturgeon	None	None	SSC	N	N	Y

Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Oncorhynchus tshawytscha	chinook salmon – Sacramento River winter-run ESU	FE	SE	None	Y	N	Y
Cumulative Effects Analysis: Chinook Salmon have been detected within the biological assessment area. If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Cottus gulosus	riffle sculpin	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Lavinia exilicauda exilicauda	Sacramento hitch	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
hardhead	hardhead	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Pogonichthys macrolepidotus	Sacramento splittail	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Entosphenus tridentatus	Pacific lamprey	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Lampetra ayresii	western river lamprey	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Oncorhynchus tshawytscha pop. 13	chinook salmon - Central Valley fall / late fall-run ESU	None	None	SSC	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Acipenser medirostris pop. 1	green sturgeon - southern DPS	FT	None	None	Y	N	Y
Cumulative Effects Analysis: Green sturgeon have been detected within the biological assessment area. If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Oncorhynchus mykiss irideus pop. 11	steelhead - Central Valley DPS	FT	None	None	Y	N	Y

Cumulative Effects Analysis: Steelhead have been detected within the biological assessment area. If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Insects							
Bombus crotchii	Crotch bumble bee	None	SE-SC	None	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							
Desmocerus californicus dimorphus	valley elderberry longhorn beetle	FT	None	None	N	N	Y
Cumulative Effects Analysis: If this species is discovered within the plan area, operational provisions for this species are described in Changes Made to Avoid Environmental Impacts section above. Following the measures outlined, no significant cumulative adverse impacts are expected to occur to these species as a result of this project.							

FC= Federal Candidate, FE= Federal Endangered, FT= Federal Threatened, FD= Delisted Federally
SC= State Candidate, SE= State Endangered, ST= State Threatened, FP= State Fully Protected
BOF= Board of Forestry Sensitive, SSC= CDFW Species of Special Concern, WL= CDFW Watch List
FGC= California Fish and Game Code

Botanical Scoping

Scientific Name	Common Name	Federal Status	State Status	CDFW Status	CNPS Status	Vegetation Type	General Hab	Micro Hab	CalFlora Blooming Period	In Assessment Area	In Project Area	Potential Suitable Habitat
Sagittaria sanfordii	Sanford's arrowhead	None	None	None	1B.2	perennial rhizomatous herb	Marshes and swamps (shallow freshwater)		May-Oct	N	N	Y[2]
Cryptantha crinita	silky cryptantha	None	None	None	1B.2	annual herb	Cismontane woodland, Lower montane coniferous forest, Riparian forest, Riparian woodland, Valley and foothill grassland	Gravelly	April-May	N	N	Y[3]
Downingia pusilla	dwarf downingia	None	None	None	2B.2	annual herb	Valley and foothill grassland (mesic), vernal pools		Mar-May	N	N	Y[2]
Legenere limosa	legenere	None	None	None	1B.1	annual herb	Vernal pools		April-June	N	N	Y[2]
Paronychia ahartii	Ahart's paronychia	None	None	None	1B.1	annual herb	Cismontane woodland, Valley and foothill grassland, Vernal pools		Mar-June	N	N	Y[2]
Euphorbia ocellata ssp. rattanii	Stony Creek spurge	None	None	None	1B.2	annual herb	Chaparral, Riparian scrub (streambanks), Valley and foothill grassland (sandy, rocky)		May-Oct	N	N	Y[3]
Acmispon rubriflorus	red-flowered bird's-foot trefoil	None	None	None	1B.1	annual herb	Cismontane woodland, Valley and foothill grassland		April-June	N	N	Y[3]
Juncus leiospermus var. ahartii	Ahart's dwarf rush	None	None	None	1B.2	annual herb	Valley and foothill grassland (mesic)		Mar-May	N	N	Y[3]
Juncus leiospermus var. leiospermus	Red Bluff dwarf rush	None	None	None	1B.1	annual herb	Chaparral, Cismontane woodland, Meadows and seeps, Valley and foothill grassland, Vernal pools	Vernally Mesic	Mar-May	N	N	Y[2]
Wolffia brasiliensis	Brazilian watermeal	None	None	None	2B.3	herb (aquatic)	Marshes and swamps (shallow freshwater)		April-Dec	N	N	Y[2]
Fritillaria pluriflora	adobe-lily	None	None	None	1B.2	perennial bulbiferous herb	Chaparral, Cismontane woodland, Valley and foothill grassland	Adobe (often)	Feb-April	N	N	Y[3]
Gratiola heterosepala	Boggs Lake hedge-hyssop	None	SE	None	1B.2	annual herb	Marshes and swamps (lake margins), Vernal pools	Clay	April-Aug	N	N	Y[2]
Orcuttia tenuis	slender Orcutt grass	FT	SE	None	1B.1	annual herb	Vernal pools	Gravelly (often)	May-Sept	N	N	Y[2]

SE= State Endangered; SR= State Rare; FT= Federally Threatened; N- No; Y= Yes

Y[1]= Potential suitable habitat occurs in portions of project area, potential for significant disturbance where the species may occur is likely, therefore an intensive survey is proposed in focused intuitive portions of the project area. These searches shall be conducted during the proper blooming period for each species and reference sites for these species shall be visited, whenever possible, to aid in the proper identification of the species.

Y[2]= Potential suitable habitat occurs in riparian habitats such as bogs, fens, meadows, seeps, and channel margins. Very limited suitable habitat exits within the project and limited or no potential disturbance from proposed operations will occur within riparian habitats, therefore no survey is proposed.

Y[3]= Potential suitable habitat occurs in the project area, and potential adverse impacts from proposed operations are unlikely, therefore no further assessment or searches are necessary.

Y[4]= Potential suitable habitat occurs in the project area, the species is not a state or federally listed or California Rare Plant Rank 1A, Rank 1B, or Rank 2, therefore no further assessment or searches are necessary.

The CNPS Ranking System	
Rank	**Status**
1A	Plants presumed extinct in California and elsewhere.
1B	Plants rare, Threatened, or endangered in California and elsewhere.
2A	Plants presumed extinct in California, but more common elsewhere.
2B	Plants rare, threatened, or endangered in California, but more common elsewhere.
Rank	**Threat**
0.1	Seriously threatened in California (high degree/immediacy of threat).
0.2	Fairly threatened in California (moderate degree/immediacy of threat).
0.3	Not very threatened in California (low degree/immediacy of threats or no current threats known).

California Native Plant Society, Rare Plant Program. 2022. Rare Plant Inventory (online edition, v9-01 1.5). Website https://www.rareplants.cnps.org [accessed 11 November 2022].

ATTACHEMTN B
CNDDB DATABASE SEARCH RESULTS SPREADSHEET

Scientific Name	Common Name	Federal Status	State Status	CDFW Status	CA Rare Plant Rank	Quad Name	Data Status	Taxonomic Sort
Rana boylii pop. 1	foothill yellow-legged frog - north coast DPS	None	None	SSC	-	BEND	Mapped	Animals - Amphibians - Ranidae - Rana boylii pop. 1
Rana boylii pop. 1	foothill yellow-legged frog - north coast DPS	None	None	SSC	-	DALES	Mapped	Animals - Amphibians - Ranidae - Rana boylii pop. 1
Rana boylii pop. 1	foothill yellow-legged frog - north coast DPS	None	None	SSC	-	GERBER	Mapped	Animals - Amphibians - Ranidae - Rana boylii pop. 1
Rana boylii pop. 1	foothill yellow-legged frog - north coast DPS	None	None	SSC	-	LOS MOLINOS	Mapped	Animals - Amphibians - Ranidae - Rana boylii pop. 1
Spea hammondii	western spadefoot	None	None	SSC	-	WEST OF GERBER	Mapped	Animals - Amphibians - Scaphiopodidae - Spea hammondii
Spea hammondii	western spadefoot	None	None	SSC	-	GERBER	Mapped	Animals - Amphibians - Scaphiopodidae - Spea hammondii
Spea hammondii	western spadefoot	None	None	SSC	-	HOOKER	Mapped	Animals - Amphibians - Scaphiopodidae - Spea hammondii

Aquila chrysaetos	golden eagle	None	None	FP ; WL	-	BEND	Unprocessed	Animals - Birds - Accipitridae - Aquila chrysaetos
Buteo regalis	ferruginous hawk	None	None	WL	-	GERBER	Unprocessed	Animals - Birds - Accipitridae - Buteo regalis
Buteo swainsoni	Swainson's hawk	None	Threatened	-	-	GERBER	Mapped	Animals - Birds - Accipitridae - Buteo swainsoni
Buteo swainsoni	Swainson's hawk	None	Threatened	-	-	RED BLUFF EAST	Mapped	Animals - Birds - Accipitridae - Buteo swainsoni
Circus hudsonius	northern harrier	None	None	SSC	-	GERBER	Unprocessed	Animals - Birds - Accipitridae - Circus hudsonius
Circus hudsonius	northern harrier	None	None	SSC	-	WEST OF GERBER	Unprocessed	Animals - Birds - Accipitridae - Circus hudsonius
Circus hudsonius	northern harrier	None	None	SSC	-	LOS MOLINOS	Unprocessed	Animals - Birds - Accipitridae - Circus hudsonius
Elanus leucurus	white-tailed kite	None	None	FP	-	GERBER	Mapped	Animals - Birds - Accipitridae - Elanus leucurus

Haliaeetus leucocephalus	bald eagle	Delisted	Endangered	FP	-	GERBER	Unprocessed	Animals - Birds - Accipitridae - Haliaeetus leucocephalus
Haliaeetus leucocephalus	bald eagle	Delisted	Endangered	FP	-	BEND	Mapped and Unprocessed	Animals - Birds - Accipitridae - Haliaeetus leucocephalus
Haliaeetus leucocephalus	bald eagle	Delisted	Endangered	FP	-	HOOKER	Mapped and Unprocessed	Animals - Birds - Accipitridae - Haliaeetus leucocephalus
Ardea alba	great egret	None	None	-	-	BEND	Unprocessed	Animals - Birds - Ardeidae - Ardea alba
Ardea alba	great egret	None	None	-	-	GERBER	Unprocessed	Animals - Birds - Ardeidae - Ardea alba
Ardea alba	great egret	None	None	-	-	LOS MOLINOS	Mapped and Unprocessed	Animals - Birds - Ardeidae - Ardea alba
Ardea herodias	great blue heron	None	None	-	-	LOS MOLINOS	Mapped and Unprocessed	Animals - Birds - Ardeidae - Ardea herodias
Ardea herodias	great blue heron	None	None	-	-	GERBER	Unprocessed	Animals - Birds - Ardeidae - Ardea herodias

Ardea herodias	great blue heron	None	None	-	-	BEND	Unprocessed	Animals - Birds - Ardeidae - Ardea herodias
Pica nuttalli	yellow-billed magpie	None	None	-	-	BEND	Unprocessed	Animals - Birds - Corvidae - Pica nuttalli
Pica nuttalli	yellow-billed magpie	None	None	-	-	RED BLUFF EAST	Unprocessed	Animals - Birds - Corvidae - Pica nuttalli
Pica nuttalli	yellow-billed magpie	None	None	-	-	RED BLUFF WEST	Unprocessed	Animals - Birds - Corvidae - Pica nuttalli
Coccyzus americanus occidentalis	western yellow-billed cuckoo	Threatened	Endangered	-	-	RED BLUFF EAST	Mapped	Animals - Birds - Cuculidae - Coccyzus americanus occidentalis
Coccyzus americanus occidentalis	western yellow-billed cuckoo	Threatened	Endangered	-	-	TUSCAN SPRINGS	Mapped	Animals - Birds - Cuculidae - Coccyzus americanus occidentalis
Coccyzus americanus occidentalis	western yellow-billed cuckoo	Threatened	Endangered	-	-	GERBER	Mapped	Animals - Birds - Cuculidae - Coccyzus americanus occidentalis
Coccyzus americanus occidentalis	western yellow-billed cuckoo	Threatened	Endangered	-	-	LOS MOLINOS	Mapped	Animals - Birds - Cuculidae - Coccyzus americanus occidentalis

Falco mexicanus	prairie falcon	None	None	WL	-	DALES	Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Spinus lawrencei	Lawrence's goldfinch	None	None	-	-	BEND	Unprocessed	Animals - Birds - Fringillidae - Spinus lawrencei
Riparia riparia	bank swallow	None	Threatened	-	-	BEND	Mapped and Unprocessed	Animals - Birds - Hirundinidae - Riparia riparia
Riparia riparia	bank swallow	None	Threatened	-	-	RED BLUFF EAST	Mapped and Unprocessed	Animals - Birds - Hirundinidae - Riparia riparia
Riparia riparia	bank swallow	None	Threatened	-	-	LOS MOLINOS	Mapped and Unprocessed	Animals - Birds - Hirundinidae - Riparia riparia
Riparia riparia	bank swallow	None	Threatened	-	-	GERBER	Mapped and Unprocessed	Animals - Birds - Hirundinidae - Riparia riparia
Agelaius tricolor	tricolored blackbird	None	Threatened	SSC	-	GERBER	Mapped	Animals - Birds - Icteridae - Agelaius tricolor
Agelaius tricolor	tricolored blackbird	None	Threatened	SSC	-	BEND	Mapped	Animals - Birds - Icteridae - Agelaius tricolor
Agelaius tricolor	tricolored blackbird	None	Threatened	SSC	-	HOOKER	Mapped	Animals - Birds - Icteridae - Agelaius tricolor

Icteria virens	yellow-breasted chat	None	None	SSC	-	BEND	Unprocessed	Animals - Birds - Icteriidae - Icteria virens
Icteria virens	yellow-breasted chat	None	None	SSC	-	RED BLUFF EAST	Mapped	Animals - Birds - Icteriidae - Icteria virens
Icteria virens	yellow-breasted chat	None	None	SSC	-	TUSCAN SPRINGS	Mapped	Animals - Birds - Icteriidae - Icteria virens
Icteria virens	yellow-breasted chat	None	None	SSC	-	LOS MOLINOS	Mapped and Unprocessed	Animals - Birds - Icteriidae - Icteria virens
Icteria virens	yellow-breasted chat	None	None	SSC	-	GERBER	Mapped and Unprocessed	Animals - Birds - Icteriidae - Icteria virens
Lanius ludovicianus	loggerhead shrike	None	None	SSC	-	RED BLUFF EAST	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Lanius ludovicianus	loggerhead shrike	None	None	SSC	-	RED BLUFF WEST	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Pandion haliaetus	osprey	None	None	WL	-	RED BLUFF EAST	Mapped and Unprocessed	Animals - Birds - Pandionidae - Pandion haliaetus

Pandion haliaetus	osprey	None	None	WL	-	BEND	Mapped and Unprocessed	Animals - Birds - Pandionidae - Pandion haliaetus
Pandion haliaetus	osprey	None	None	WL	-	HOOKER	Mapped	Animals - Birds - Pandionidae - Pandion haliaetus
Pandion haliaetus	osprey	None	None	WL	-	LOS MOLINOS	Mapped	Animals - Birds - Pandionidae - Pandion haliaetus
Pandion haliaetus	osprey	None	None	WL	-	GERBER	Mapped and Unprocessed	Animals - Birds - Pandionidae - Pandion haliaetus
Setophaga petechia	yellow warbler	None	None	SSC	-	GERBER	Mapped and Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Setophaga petechia	yellow warbler	None	None	SSC	-	LOS MOLINOS	Mapped and Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Setophaga petechia	yellow warbler	None	None	SSC	-	BEND	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Setophaga petechia	yellow warbler	None	None	SSC	-	RED BLUFF EAST	Mapped	Animals - Birds - Parulidae - Setophaga petechia
Setophaga petechia	yellow warbler	None	None	SSC	-	TUSCAN SPRINGS	Mapped	Animals - Birds - Parulidae - Setophaga petechia