



State of California - Department of Fish and Wildlife
2024 ENVIRONMENTAL DOCUMENT FILING FEE
CASH RECEIPT
 DFW 753.5a (REV. 01/01/24) Previously DFG 753.5a

RECEIPT NUMBER: 04-07022024-056
STATE CLEARINGHOUSE NUMBER (If applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY BUTTE COUNTY RESOURCES CONSERVATION	LEAD AGENCY EMAIL	DATE 07/02/2024
COUNTY/STATE AGENCY OF FILING BUTTE	DOCUMENT NUMBER 148	

PROJECT TITLE
DIXON HAZARD FENCE REMOVAL

PROJECT APPLICANT NAME POINT BLUE CONSERVATION SCIENCE	PROJECT APPLICANT EMAIL	PHONE NUMBER (530) 693-3173
PROJECT APPLICANT ADDRESS 150 CHUCK YEAGER WAY, STE A	CITY OROVILLE	STATE CA
		ZIP CODE 95965

PROJECT APPLICANT (Check appropriate box)

- Local Public Agency
 School District
 Other Special District
 State Agency
 Private Entity

CHECK APPLICABLE FEES:

- | | | |
|---|------------|----------|
| <input type="checkbox"/> Environmental Impact Report (EIR) | \$4,051.25 | \$ _____ |
| <input type="checkbox"/> Mitigated/Negative Declaration (MND)(ND) | \$2,916.75 | \$ _____ |
| <input type="checkbox"/> Certified Regulatory Program (CRP) document - payment due directly to CDFW | \$1,377.25 | \$ _____ |

- Exempt from fee
 Notice of Exemption (attach)
 CDFW No Effect Determination (attach)
 Fee previously paid (attach previously issued cash receipt copy)

- | | | |
|---|----------|-------------------------|
| <input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only) | \$850.00 | \$ _____ |
| <input checked="" type="checkbox"/> County documentary handling fee | \$50.00 | \$ _____ \$50.00 |
| <input type="checkbox"/> Other | | \$ _____ |

PAYMENT METHOD:

- Cash
 Credit
 Check
 Other

TOTAL RECEIVED \$ _____ **\$50.00**

SIGNATURE X <i>J. Ramirez</i>	AGENCY OF FILING PRINTED NAME AND TITLE Jessica Ramirez, Deputy County Clerk-Recorder
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DECLARATION OF FEES DUE
(California Fish and Wildlife Code Section 711.4)

FOR CLERK USE ONLY

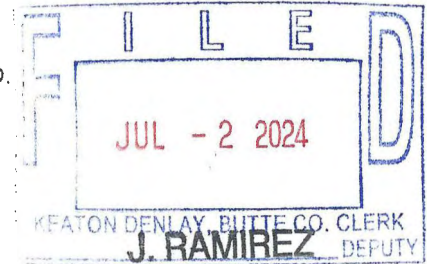
NAME AND ADDRESS OF LEAD AGENCY/APPLICANT

Butte County Resource Conservation District
150 Chuck Yeager Way, Ste. A
Oroville, CA 95965

Project Title:

~~DSD~~ Dixon Hazard Fence Removal

FILING NO.



CLASSIFICATION OF ENVIRONMENTAL DOCUMENT:

1. NOTICE OF EXEMPTION/STATEMENT OF EXEMPTION

A. Statutorily or Categorically Exempt

\$50.00 (Fifty Dollars) Butte County Clerk's Fee

2. NOTICE OF DETERMINATION - FEE REQUIRED

A. Negative Declaration

\$2,406.75 (Two Thousand Four Hundred and Six Dollars and Seventy-Five Cents) State Filing Fee

\$50.00 (Fifty Dollars) Butte County Clerk's Fee

B. Environmental Impact Report

\$3,343.25 (Three Thousand Three Hundred and Forty-Three Dollars and Twenty-Five Cents) State Filing Fee

\$50.00 (Fifty Dollars) Butte County Clerk's Fee

3. OTHER (Specify) General Rule Exemption

\$50.00 (Fifty Dollars) Butte County Clerk's Fee

This form must be completed and submitted with all environmental documents filed with the Butte County Clerk's Office.

All applicable fees must be paid at the time of filing any environmental documents with the Butte County Clerk's Office.

One original and two (2) copies of all necessary documents are required for filing purposes.

The \$50.00 (Fifty Dollars) handling fee is required per filing in addition to the filing fee specified in Fish and Game Code Section 711.4 (d).

Make checks payable to Butte County Clerk-Recorder.

Notice of Exemption

To: Office of Planning and Research
P.O. Box 3044, Room 113 Sacramento, CA.
95965-3411

From: Butte County Resource Conservation District
150 Chuck Yeager Way, Ste. A
Oroville, CA 95965

County Clerk/ County of Butte
155 Nelson Ave.
Oroville, CA 95965-3411

Project Title: Dixon Hazard Fence Removal
Project Applicant: Point Blue Conservation Science
Project Location - Specific: 90 Nicalog Rd., Chico, CA. 95973
Project Location - City: Chico
Project Location - County: Butte

Description of Nature, Purpose, and Beneficiaries of Project:

The project is located on a CDFW designated critical winter migration route for deer. To protect migrating species, this project aims to remove 7,282 feet of hazard fence and replace it with 7,217 feet of wildlife-friendly fencing for cattle management purposes.

Name of Public Agency Approving Project: Butte County Resource Conservation District

Name of Person or Agency Carrying Out Project: Point Blue Conservation Science

Exempt Status: (check one)

- Ministerial (sec. 21080(b)(1); 15268);
- Declared Emergency (sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption Class 4: Minor Alterations to Land (§15304)
- Statutory Exemptions

Reasons why project is exempt:

The project is non-ground disturbing except for the minor disturbance of hazard fence removal and wildlife friendly fence installation. No channel disturbance is authorized. When installing exclusionary fencing, workers will avoid any burrowing sites by species such as the burrowing owl. Work will occur outside of ground nesting season (April 15-August 15), unless pre-implementation surveys are completed. Project implementation, as designed, would have less than significant impact in each resource area, and an exemption pursuant to §15304 is indicated.

Lead Agency Contact Person: Thad Walker, District Manager Area Code/Telephone/Extension: (530) 693-3173

If filed by applicant:

1. Attach certified document of exemption finding
2. Has a Notice of Exemption been filed by the public agency approving the project: **[yes/no]**

Signature:  Date: 6-28-24

Title: David Lee, Chair, Board of Directors

Signed by Lead Agency

Signed by Applicant

Butte County Resource Conservation District
Dixon Hazard Fence Removal

Author: Faith Churchill
Title: Shared Stewardship Coordinator
Address: 641 Entler Ave. Ste. 47 Chico CA. 95928
Phone: 530-643-3757
Email: faith@bcrd.org

Project Name: Dixon Hazard Fence Removal
County: Butte
Acres: <1
Legal Location: T 23N R 02E Section 18 & 19
Name of USGS 7.5' Quad Map(s): Richardson Springs
Elevation: 875 ft.

Project Vicinity Map Attached Project Location Map Attached Photos Attached

Other Public Agency Review/Permit Required:

Would the project result in:

- Alterations to a watercourse (DFG - Lake and Streambed 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:
- None/Not applicable

Project Description and Environmental Setting:

This project is located in a lower-elevation annual grassland with a mix of blue oak and gray pine. In the higher elevation areas of the project, there is a mix of ceanothus and chamise habitat along with steep rocky outcroppings and seasonal creeks. Cattle lightly graze the property. The California Department of Fish and Wildlife has designated the property as a critical winter migration area for deer. However, the current fencing type on the property causes entrapment and entanglement issues and prevents the movement of fawns. There are locations where the barbed wire is wrapped around trees leading to blue oak mortality as well. To protect wildlife and native tree species, the 7,282 feet of hazardous fencing would be removed and replaced with 7,217 feet of wildlife-friendly fencing. The new wildlife-friendly fencing will have two strands of smooth wire on the top and bottom with three strands of barbed wire in the middle. The bottom wire will be at least 14 inches off the ground to allow deer to pass under and there will be at least 10 inches between the top two wires to prevent leg entrapment. The total height of the fence will be no more than 50 inches.

Environmental Impacts 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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Agriculture and Forest 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 mature scenic trees will be felled, and no prime or unique farmland converted to non-ag uses.
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Air Quality

- 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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Biological 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:
BCRCD conducted a nine-quad search of CNDDDB resources to confirm no animal species with special status at the State level that could be harmed by the project have the potential to occur on-site. BCRCD found the integrated design features of the proposed project were adequate to avoid any significant impacts on rare or common wildlife and that the project is likely to be beneficial, on the whole, to native plant communities.
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Cultural 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:
Activities will be non-ground disturbing except for the incidental disturbance during fence removal and replacement.
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Energy:

- 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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

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 project does not propose ground-disturbing activities on steep slopes, will not destabilize the soil, or expose humans to any soil-related hazards.

- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Greenhouse Gas Emissions:

- 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 greenhouse gas emissions from fence removal and replacement are negligible and will not have a significant impact on the environment.

- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Hydrology and Water Quality:

- 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 channel disturbance or work in streams is part of the project; the project does not include any ground disturbance or earthmoving.

- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

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:

Some limited use of gasoline-powered equipment (e.g. post pounders) would be part of the project during ordinary working hours. No sensitive receptors (e.g. hospitals, daycares) are within ¼ mile for this project.

- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Transportation/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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Tribal Cultural 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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Wildfire:

- 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:
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

Mandatory Findings of Significance:

- 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 project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory. The project does not have impacts that are cumulatively considerable (i.e., incremental effects that become considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects). The project does not have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly.
- Based on the above analysis, an exemption *is not appropriate for this project*
- No unusual circumstances exist. Project qualifies as exempt under CEQA Guidelines §15304.

References

CNDDDB (California Natural Diversity Database). 2022. Commercial subscription version. Accessible online at <https://apps.wildlife.ca.gov/bios/?tool=cnddbQuick>.

California Native Plant Society. Calscape. Accessible online at <https://calscape.org/>.

Cal Flora. A non-profit database providing information on wild California plants. Accessible online at <https://www.calflora.org/search.html>

California Wildlife Habitat Relationships. Accessible online at California Wildlife Habitat Relationships. Flora of North America. 2023. Accessible online at http://beta.floranorthamerica.org/Fissidens_pauperculus.

Exeter L. Ronald, Glade Charity, Loring Scot. Rare Lichens of Oregon. Accessible online at <https://www.fs.usda.gov/r6/issssp/downloads/inventories/inv-rare-lichens-of-oregon-book-201610.pdf>

Huntsinger, Lynn & Hruska, Tracy & Oviedo, Jose & Shapero, Matthew & Nader, Glenn & Ingram, Roger & Beissinger, Steven. (2017). Save water or save wildlife? Water use and conservation in the central Sierran foothill oak woodlands of California, USA. Ecology and Society. 22. 10.5751/ES-09217-220212.

California Native Plant Society. 2021. Rare Plant Files. Accessible online at <https://www.cnps.org/rare-plants/locally-rare>.

U.C. Davis Center for Watershed Science. 2012. California Fish Data and Management Software. Accessible online at <https://pisces.sf.ucdavis.edu/fish-data>.

University of California, Berkeley. The University and Jepson Herbaria. Accessible online at <https://ucjeps.berkeley.edu/>.

U.S. Fish and Wildlife Service. Ecos Environmental Conservation Online System. Foothill yellow-legged frog (*Rana Boylei*). Accessible online at <https://ecos.fws.gov/ecp/species/D02G>.

Scientific Name	Common Name	Federal Status	State Status	CDFW Status	CA Rare Plant Rank	Habitat Present/Absent?	Project May Affect?
Rana boylei pop. 1	foothill yellow-legged frog - north coast DPS	None	None	SSC	-	Habitat Absent, outside of range (USFWS)	N/A
Rana boylei pop. 2	foothill yellow-legged frog - Feather River DPS	Threatened	Threatened	-	-	Habitat Absent, outside of range (USFWS)	N/A
Spea hammondi	western spadefoot	Proposed Threatened	None	SSC	-	Habitat Present	Habitat is in areas with temporary pools or streams during the breeding season. Hazardous fence removal and wildlife-friendly fencing installation is unlikely to overlap with a burrow; however, if the species is spotted, workers will first attempt to avoid the location, let the toad move on its own volition, or carefully move it in the direction it was heading, at a safe distance from installation activities. Project activities are not expected to cause significant harm to the population.
Aquila chrysaetos	golden eagle	None	None	FP WL	-	Habitat Present	No, project will not impact nesting trees or habitat
Buteo swainsoni	Swainsons hawk	None	Threatened	-	-	Habitat Present	No, project will not impact nesting trees or habitat
Elanus leucurus	white-tailed kite	None	None	FP	-	Habitat Present	No, project will not impact nesting trees or habitat
Haliaeetus leucocephalus	bald eagle	Delisted	Endangered	FP	-	Habitat Present	No, project will not impact foraging habitat
Ardea alba	great egret	None	None	-	-	Habitat Present	No, project will not impact roosting trees or habitat
Ardea herodias	great blue heron	None	None	-	-	Habitat Present	No, project will not impact nesting trees or habitat
Egretta thula	snowy egret	None	None	-	-	Habitat Present	No, project will not impact foraging habitat
Gymnogyps californianus	California condor	Endangered	Endangered	FP	-	Habitat Present	No, project will not impact grassland foraging habitat or nesting structures
Coccyzus americanus occidentalis	western yellow-billed cuckoo	Threatened	Endangered	-	-	Habitat Present	No, project will not impact habitat
Falco peregrinus anatum	American peregrine falcon	Delisted	Delisted	-	-	Habitat Present	No, project will not impact habitat
Antigone canadensis tabida	greater sandhill crane	None	Threatened	FP	-	Habitat Present	No, project will not impact habitat
Progne subis	purple martin	None	None	SSC	-	Habitat Present	No, project will not impact woodland habitat
Riparia riparia	bank swallow	None	Threatened	-	-	Habitat Present	No, project will not impact oak woodland habitat
Agelaius tricolor	tricolored blackbird	None	Threatened	SSC	-	Habitat Present	No, project will not impact nesting habitat

<i>Icteria virens</i>	yellow-breasted chat	None	None	SSC	-	Habitat Present	No, project will not impact habitat
<i>Pandion haliaetus</i>	osprey	None	None	WL	-	Habitat Absent	N/A
<i>Setophaga petechia</i>	yellow warbler	None	None	SSC	-	Habitat Present	No, project will not impact habitat
<i>Nannopterum auritum</i>	double-crested cormorant	None	None	WL	-	Habitat Absent	N/A
<i>Laterallus jamaicensis coturniculus</i>	California black rail	None	Threatened	FP	-	Habitat Absent, typically found in large wetlands in the San Francisco Bay or some smaller wetlands with perennially flowing water. Project area does not have perennial flow (Huntsinger).	N/A
<i>Asio otus</i>	long-eared owl	None	None	SSC	-	Habitat Present	No, project will not impact oak stands used for nesting
<i>Athene cunicularia</i>	burrowing owl	None	None	SSC	-	Habitat Present	No, project will avoid all burrowing sites
<i>Strix nebulosa</i>	great gray owl	None	Endangered	-	-	Habitat Absent, found in dense forests above 4500 ft. elevation and near wet meadows.	N/A
<i>Strix occidentalis occidentalis</i>	California Spotted Owl	Proposed Endangered; Proposed Threatened	None	SSC	-	Habitat Absent, found throughout Sierra Nevada mountain range in old growth forests.	N/A
<i>Selasphorus rufus</i>	rufous hummingbird	None	None	-	-	Habitat Present	No, project will not impact tree or shrub cover
<i>Vireo bellii pusillus</i>	least Bells vireo	Endangered	Endangered	-	-	Habitat Present	Although this species is potentially extirpated from Butte County, the riparian habitat the species would utilize will not be impacted by the project activities.
<i>Branchinecta conservatio</i>	Conservancy fairy shrimp	Endangered	None	-	-	Habitat Absent, vernal pool species	N/A
<i>Branchinecta lynchi</i>	vernal pool fairy shrimp	Threatened	None	-	-	Habitat Absent, vernal pool species	N/A
<i>Branchinecta mesovallensis</i>	midvalley fairy shrimp	None	None	-	-	Habitat Absent, vernal pool species	N/A
<i>Linderiella occidentalis</i>	California linderiella	None	None	-	-	Habitat Absent, vernal pool species	N/A
<i>Stygobromus gallawayae</i>	Gallaways amphipod	None	None	-	-	Habitat Absent, vernal pool species	N/A

Lepidurus packardii	vernal pool tadpole shrimp	Endangered	None	-	-	Habitat Absent, vernal pool species	N/A
Acipenser medirostris pop. 1	green sturgeon - southern DPS	Threatened	None	SSC	-	Habitat Absent	N/A
Acipenser transmontanus	white sturgeon	None	None	SSC	-	Habitat Absent	N/A
Cottus gulosus	rifle sculpin	None	None	SSC	-	Habitat Absent	N/A
Hesperoleucus symmetricus symmetricus	central California roach	None	None	SSC	-	Habitat Present	No, no in stream work is proposed
Mylopharodon conocephalus	hardhead	None	None	SSC	-	Habitat Absent	N/A
Hysteroecarpus traskii traskii	Sacramento-San Joaquin tule perch	None	None	-	-	Habitat Absent	N/A
Oncorhynchus mykiss irideus pop. 11	steelhead - Central Valley DPS	Threatened	None	SSC	-	Habitat Absent	N/A
Oncorhynchus tshawytscha pop. 11	chinook salmon - Central Valley spring-run ESU	Threatened	Threatened	-	-	Habitat Absent	N/A
Anthicus antiochensis	Antioch Dunes anthicid beetle	None	None	-	-	Habitat Absent, requires sand dunes or sand bars	N/A
Anthicus sacramento	Sacramento anthicid beetle	None	None	-	-	Habitat Absent, requires sand dunes or sand bars	N/A
Bombus crotchii	Crotchs bumble bee	None	Candidate Endangered	-	-	Habitat Present	No, project would not mow or otherwise remove any flowering resources
Bombus morrisoni	Morrison bumble bee	None	None	-	-	Habitat Present	No, project would not mow or otherwise remove any flowering resources
Bombus pensylvanicus	American bumble bee	None	None	-	-	Habitat Present	No, project would not mow or otherwise remove any flowering resources
Desmocerus californicus dimorphus	valley elderberry longhorn beetle	Threatened	None	-	-	Habitat Present	No elderberry host plants will be removed
Atractelmis wawona	Wawona riffle beetle	None	None	-	-	Habitat Absent, found in riffles of clear mountain streams between 2000-5000 ft.	N/A
Vulpes vulpes patwin	Sacramento Valley red fox	None	None	-	-	Habitat Present	No, project will not impact grassland habitat
Erethizon dorsatum	North American porcupine	None	None	-	-	Habitat Present	No, project will not impact habitat
Eumops perotis californicus	western mastiff bat	None	None	SSC	-	Habitat Present	No, project will not impact foraging habitat
Pekania pennanti	Fisher	None	None	SSC	-	Habitat Absent, found at elevations above 3000 ft. in old growth forests	N/A
Taxidea taxus	American badger	None	None	SSC	-	Habitat Present	If discovered, den sites will be avoided

Bassariscus astutus raptor	northern California ringtail	None	None	FP	-	Habitat Present	Tend to nest in rock recesses, hollow trees, logs, snags, or burrows. Project activities will not impact nesting structures
Antrozous pallidus	pallid bat	None	None	SSC	-	Habitat Present	Roosting occurs in rock creviches, tree hollows, and caves which would not be impacted by project activities
Lasionycteris noctivagans	silver-haired bat	None	None	-	-	Habitat Present	Project will not impact oak woodland habitat
Lasiurus cinereus	hoary bat	None	None	-	-	Habitat Present	Project will not impact oak woodland habitat
Lasiurus frantzii	western red bat	None	None	SSC	-	Habitat Present	Project will not impact oak woodland habitat
Myotis yumanensis	Yuma myotis	None	None	-	-	Habitat Present	Project will not impact oak woodland habitat
Margaritifera falcata	western pearlshell	None	None	-	-	Habitat Absent, found in streams above 5,000 ft.	N/A
Anodonta californiensis	California floater	None	None	-	-	Habitat Absent	N/A
Emys marmorata	western pond turtle	Proposed Threatened	None	SSC	-	Habitat Absent, associated with permanent or nearly permanent water	N/A
Thamnophis gigas	giant gartersnake	Threatened	Threatened	-	-	Habitat Present	No, project will not impact grassland or oak woodland habitat
Phrynosoma blainvillii	coast horned lizard	None	None	SSC	-	Habitat Present	If spotted, workers will first attempt to avoid the location, let it move on its own volition, or carefully move it in the direction it was heading, at a safe distance from fence installation activities
Central Valley Drainage Fall Run Chinook Stream	Central Valley Drainage Fall Run Chinook Stream	None	None	-	-	Habitat Absent	N/A
Central Valley Drainage Hardhead/Squawfish Stream	Central Valley Drainage Hardhead/Squawfish Stream	None	None	-	-	Habitat Absent	N/A
Coastal and Valley Freshwater Marsh	Coastal and Valley Freshwater Marsh	None	None	-	-	Habitat Absent	N/A
Great Valley Cottonwood Riparian Forest	Great Valley Cottonwood Riparian Forest	None	None	-	-	Habitat Absent	N/A
Great Valley Mixed Riparian Forest	Great Valley Mixed Riparian Forest	None	None	-	-	Habitat Absent	N/A
Great Valley Valley Oak Riparian Forest	Great Valley Valley Oak Riparian Forest	None	None	-	-	Habitat Absent	N/A
Great Valley Willow Scrub	Great Valley Willow Scrub	None	None	-	-	Habitat Absent	N/A
Northern Hardpan Vernal Pool	Northern Hardpan Vernal Pool	None	None	-	-	Habitat Absent	N/A
Northern Volcanic Mud Flow Vernal Pool	Northern Volcanic Mud Flow Vernal Pool	None	None	-	-	Habitat Absent	N/A

Scytinium siskiyouense	Siskiyou jellyskin lichen	None	None	-	1B.1	Habitat Absent, grows in elevations from 1,200 ft. to 3,800 ft. in mixed conifer-hardwood forests (USDA)	N/A
Sagittaria sanfordii	Sanfords arrowhead	None	None	-	1B.2	Habitat absent, grows in shallow, freshwater marshes and swamps	N/A
Allium sanbornii var. sanbornii	Sanborns onion	None	None	-	4.2	Habitat Absent, only grows on serpentine soil	N/A
Balsamorhiza macrolepis	big-scale balsamroot	None	None	-	1B.2	Habitat Present	No, project activities will not impact grassland and woodland habitat
Calycadenia oppositifolia	Butte County calycadenia	None	None	-	4.2	Habitat Present	No, project activities will not impact grassland habitat
Calycadenia spicata	spicate calycadenia	None	None	-	1B.3	Habitat Present	No, project activities will not impact grassland habitat
Hesperivax caulescens	hogwallow starfish	None	None	-	4.2	Habitat Absent, vernal pool species	N/A
Lasthenia glabrata ssp. coulteri	Coulters goldfields	None	None	-	1B.1	Habitat Absent, grows in marshes and swamps, playas, or vernal pools (CNPS)	N/A
Azolla microphylla	Mexican mosquito fern	None	None	-	4.2	Habitat Absent, aquatic species that grows in still waters	N/A
Cryptantha crinita	silky cryptantha	None	None	-	1B.2	Habitat Present	No, project will not impact grassland habitat
Cryptantha rostellata	red-stemmed cryptantha	None	None	-	4.2	Habitat Present	No, project will not impact grassland or rocky outcropping habitat
Cardamine pachystigma var. dissectifolia	dissected-leaved toothwort	None	None	-	1B.2	Habitat Absent, grows on serpentine or volcanic soil	N/A
Downingia pusilla	dwarf downingia	None	None	-	2B.2	Habitat Absent, vernal pool species	N/A
Legenere limosa	legenere	None	None	-	1B.1	Habitat Absent, vernal pool species	N/A
Paronychia ahartii	Aharts paronychia	None	None	-	1B.1	Habitat Present, often occurs in vernal pools but can occur in grassland habitats	No, project activities will not impact
Calystegia atriplicifolia ssp. buttensis	Butte County morning-glory	None	None	-	4.2	Habitat Present	No, project will not impact habitat

Rhynchospora californica	California beaked-rush	None	None	-	1B.1	Habitat Absent, occurs in wetlands such as seeps or meadows	N/A
Rhynchospora capitellata	brownish beaked-rush	None	None	-	2B.2	Habitat Absent, grows in wetlands such as swamps, marshes, fens	N/A
Euphorbia hooveri	Hoovers spurge	Threatened	None	-	1B.2	Habitat Absent, grows in vernal pools	N/A
Astragalus pauperculus	depauperate milk-vetch	None	None	-	4.3	Habitat Absent	N/A
Astragalus tener var. ferrisiae	Ferris milk-vetch	None	None	-	1B.1	Habitat Present, although this species often occurs in wetlands, it can be found in grassland habitat	No, project activities will not impact habitat
Rupertia hallii	Halls rupertia	None	None	-	1B.2	Habitat Present	No, project activities will not impact woodland habitat
Juncus leiospermus var. leiospermus	Red Bluff dwarf rush	None	None	-	1B.1	Habitat Absent, occurs in wetlands	N/A
Monardella venosa	veiny monardella	None	None	-	1B.1	Habitat Present	No, project will not impact habitat
Wolffia brasiliensis	Brazilian watermeal	None	None	-	2B.3	Habitat Absent, grows in ponds and standing water	N/A
Calochortus syntrophus	Callahans mariposa-lily	None	None	-	1B.1	Habitat Present	No, project will not impact habitat
Fritillaria eastwoodiae	Butte County fritillary	None	None	-	3.2	Habitat Present	No, project will not impact woodland habitat
Fritillaria pluriflora	adobe-lily	None	None	-	1B.2	Habitat Absent, grows on adobe clay soils	N/A
Lilium humboldtii ssp. humboldtii	Humboldt lily	None	None	-	4.2	Habitat Present	No, project will not impact
Limnanthes floccosa ssp. californica	Butte County meadowfoam	Endangered	Endangered	-	1B.1	Habitat Absent, occurs in vernal pools	N/A
Limnanthes floccosa ssp. floccosa	woolly meadowfoam	None	None	-	4.2	Habitat Absent, grows in moist meadows or vernal pools	N/A
Hibiscus lasiocarpus var. occidentalis	woolly rose-mallow	None	None	-	1B.2	Habitat Absent, grows in marshes	N/A
Sidalcea robusta	Butte County checkerbloom	None	None	-	1B.2	Habitat Present	No, project will not impact
Claytonia palustris	marsh claytonia	None	None	-	4.3	Habitat Absent, grows in wet areas in high mountain settings	N/A
Clarkia gracilis ssp. albicaulis	white-stemmed clarkia	None	None	-	1B.2	Habitat Present	No, project will not impact open habitat

Clarkia mildrediae ssp. mildrediae	Mildreds clarkia	None	None	-	1B.3	Habitat Absent, only present on granitic soils in the Feather River Drainage	N/A
Castilleja rubicundula var. rubicundula	pink creamsacs	None	None	-	1B.2	Habitat Present	No, project will not impact grassland habitat
Erythranthe glaucescens	shield-bracted monkeyflower	None	None	-	4.3	Habitat Present	No, project will not impact seasonal streamline habitat
Gratiola heterosepala	Boggs Lake hedge-hyssop	None	Endangered	-	1B.2	Habitat Absent, semi-aquatic species found in vernal pools, lake-margins	N/A
Imperata brevifolia	California satintail	None	None	-	2B.1	Habitat Absent, grows along water sources such as springs and meadows	N/A
Orcuttia californica	California Orcutt grass	Endangered	Endangered	-	1B.1	Habitat Absent, found in vernal pools	N/A
Orcuttia pilosa	hairy Orcutt grass	Endangered	Endangered	-	1B.1	Habitat Absent, found in vernal pools	N/A
Orcuttia tenuis	slender Orcutt grass	Threatened	Endangered	-	1B.1	Habitat Absent, found in vernal pools	N/A
Tuctoria greenei	Greenes tuctoria	Endangered	Rare	-	1B.1	Habitat Absent, grows in vernal pools	N/A
Leptosiphon ambiguus	serpentine leptosiphon	None	None	-	4.2	Habitat Absent, grows on serpentine soils	N/A
Navarretia heterandra	Tehama navarretia	None	None	-	4.3	Habitat absent, occurs in wetlands, vernal pools	N/A
Eriogonum umbellatum var. ahartii	Aharts buckwheat	None	None	-	1B.2	Habitat Absent, grows on serpentine soil (Jepson Herbarium)	N/A
Polygonum bidwelliae	Bidwells knotweed	None	None	-	4.3	Habitat Present	No, project will not impact habitat
Stuckenia filiformis ssp. alpina	northern slender pondweed	None	None	-	2B.2	Habitat Absent, found in marshes and swamps	N/A
Brodiaea rosea ssp. vallicola	valley brodiaea	None	None	-	4.2	Habitat Present	No, project will not impact habitat

Project Location Map

Project: Roots ##10
USGS Quad: Richardson Springs
Location: T 23N R 02E Section 18 and 19
APN(s): 056-470-004, 056-470-160
County: Butte

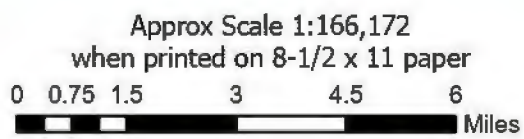
Point Blue Conservation Science
WCB Roots Program
Roots Liaison: Carrie Wendt
Date: 03/20/2024



Butte County, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, USGS, MENT/WASA, EPA, USDA

Legend

 Project location



Project Detail Map

Project: Roots #10
USGS Quad: Richardson Springs
Location: T 23N R 02E Section 18 and 19
County: Butte

Point Blue Conservation Science
WCB Roots Program
Roots Liaison: Carrie Wendt
Date: 03/20/2024



Legend

Practice
— New Fence (4265 ft)

— Remove Hazard Fence (4330 ft)
— Remove and Replace (2952 ft)

Approx Scale: 1:15,844
when printed on 8-1/2 x 11 paper

