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Notice of Determination

To:
Office of Land Use and Climate Innovation
CEQA Submit

From:
Department of Fish and Wildlife
Northern Region Inland
601 Locust Street
Redding, CA. 96001
Contact: Dyana Judnick
Email: R1LSARedding@wildlife.ca.gov
Phone: (530) 225-2367

Lead Agency
NCRWQCB
5550 Skylane Blvd, Suite A
Santa Rosa, CA. 95403
Contact: Jim Burke
Phone: (707) 576-2289

SUBJECT: Filing of Notice of Determination pursuant to Public Resources Code section 21108

State Clearinghouse Number: 2023120022

Project Title: Barker Creek Roads Sediment Treatment (Lake or Streambed Alteration Agreement No. EPIMS-TRI-60312-R1)

Project Location (Trinity): The projects are located on unnamed tributaries to Barker Creek in the County of Trinity, State of California; at the following locations:

Site ID	Decimal Degrees	Assessors Parcel Number
SMW2-SC-01	40.597554, -123.1097099	015-410-050-000
SMW2-SC-02	40.59827957, -123.1116157	015-410-049-000
SM-SC-02	40.572827, -123.106756	015-420-024-000
SM-SC-03	40.57814056, -123.1140203	015-420-023-000
SM-SC-04	40.57715902, 123.1134676	015-420-022-000
CC-SC-01	40.5758465, -123.1120209	015-420-020-000
SM-SC-06	40.57280043, -123.1127013	017-440-023-000
SM-SC-07	40.57191862, -123.1127908	017-440-022-000
BV-SC-03	40.57122708, -123.108739	017-440-004-000
BV-SC-02	40.57370344, -123.1017792	017-440-003-000
BV-SC-01	40.57370344, -123.1017792	017-010-074-000
SM-SC-01	40.57944008, -123.1136536	015-420-025-000

Project Description: The California Department of Fish and Wildlife (CDFW) has executed Lake and Streambed Alteration Agreement (EPIMS-SHA-60312-R1), pursuant to Fish and Game Code section 1602, to the project Applicant, The Watershed Research and Training Center as represented by Leslie Mounivong.

The project is limited to the Barker Valley Road system which contains culvert crossings, poor road shaping and drainage, and has changed from infrequent rural use to frequent industrial use which has resulted in the native surface road becoming a significant source of sediment pollution into Barker Creek. The geologic formation

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comprising the Barker Valley area leads to flashier rain runoff and contributes to high turbidity yield when eroded. Barker Creek suspended sediment loads were recorded as 50 - 100 tons/square mile in 2002 (Graham Mathews and Associates 2003) which was attributed to the road network and the effects of land use in the privately held portions of the watershed. Road-source sediment loading in Barker Creek has been an ecological issue for over 30 years. Funded by the CDFW's Cannabis Restoration Grant Program, the Barker Creek Roads Sediment Treatment project proposes to reduce hydrologic connection of the Barker Valley Road system to Barker Creek and halt the worsening road-sourced sediment pollution. The project will achieve this goal by upgrading or installing 12 culvert crossings to accommodate 100-year flows; installing or maintaining approximately 38 rolling dips over four (4) miles of road; reshaping the road prism to improve drainage; armoring at culvert inlets, outlets, around the footprint of culvert crossings, and existing road ditches; and installing a sediment basin. All culvert upgrades and installations will use corrugated metal pipe (CMP). Construction is planned for 2026; however, this depends on the attainment of implementation funds. The engineering plans describe existing site conditions and the proposed improvements. A sediment basin will be installed upslope from site BV-SC-03; the sediment basin will be 23 feet in length by 12 feet in width and 3.5 feet in depth and will capture sediment from roadside ditch runoff.

This is to advise that CDFW, acting as a Responsible Agency, approved the project described above on September 9, 2025 and has made the following determinations regarding the project pursuant to California Code of Regulations section 15096, subdivision (i):

1. The project will not have a significant effect on the environment. This determination is limited to effects within CDFW's permitting jurisdiction as a Responsible Agency.
2. CDFW considered the **Mitigated Negative Declaration** prepared by the Lead Agency for this project pursuant to California Code of Regulations section 15096, subdivision (f).
3. Mitigation measures **were** made a condition of CDFW's approval of the project.
4. A Mitigation Reporting or Monitoring Plan **was** adopted by CDFW for this project.
5. A Statement of Overriding Considerations was not adopted by CDFW for this project.
6. Findings were not made by CDFW pursuant to California Code of Regulations section 15091.

The Mitigated Negative Declaration prepared for the project is available to the general public at the office location listed above for the Lead Agency. CDFW's record of project approval as a Responsible Agency is available at CDFW's regional office.

DocuSigned by:
Signature: Adam McKannay BE359DC694B14AE... *Date:* 9/9/2025

Adam McKannay, Inland Habitat Conservation Program Manager

Date Received for filing at LCI: