



Central Valley Regional Water Quality Control Board

30 August 2022

Jessica Erdahl
Town of Paradise
5555 Skyway Road
Paradise, CA 95969

**NOTICE OF APPLICABILITY: STATE WATER RESOURCES CONTROL BOARD
CLEAN WATER ACT SECTION 401 GENERAL WATER QUALITY CERTIFICATION,
SB18054IN, FOR REGIONAL GENERAL PERMIT 8 FOR THE TOWN OF PARADISE,
STEARNS ROAD EMERGENCY CULVERT REPAIR AND REPLACEMENT
PROJECT, BUTTE COUNTY, WDID NO. 5A04CR00343**

This letter serves to notify the Town of Paradise the Stearns Road Emergency Culvert Repair and Replacement Project (Project) conducted under the Army Corps of Engineers Regional General Permit 8 (RGP 8) for emergency repair and replacement activities (WDID No. 5A04CR00343) is certified under State Water Resources Control Board Clean Water Act (CWA) Section 401 General Water Quality Certification SB18054IN. The project site is located on Stearns Road, approximately 0.5 miles from the intersection of Pearson Road and Stearns Road, latitude 39.749, longitude -121.577, in Butte County, California. This certification is for the purpose described in the Notice of Intent (NOI) and supplemental information submitted by the Town of Paradise and is limited to the impacts identified in the application materials.

EMERGENCY WORK DESCRIPTION

The Stearns Road culvert is a 72-inch diameter corrugated metal pipe (CMP). Erosion and corrosion have caused pipe failure. Repair and reconstruction are necessary to maintain the essential emergency evacuation route that Stearns Road provides. The existing culvert will be replaced with an equivalent sized pipe. Prior to removal of the existing pipe culvert, a temporary water diversion will be installed to dewater the work area needed to replace the pipe while maintaining continuous flow in Dry Creek. Flow will be diverted to a temporary conveyance structure using a temporary dam (consisting of concrete blocks and/or sandbags) and pumped via a 2-foot diameter intake hose downstream of the Project area, away from construction. The dam and water diversion will be removed upon completion of the pipe culvert replacement. During construction, a portion of the existing pavement above the culvert will be removed via a saw cutter and

an excavator to allow access to the damaged culvert. The existing 72-inch diameter, 50-foot-long pipe will then be removed and replaced with an equivalent sized pipe. The removed roadway section above the replaced culvert pipe will then be restored via a dump truck, paver, roller, and equipment for restriping. This activity will result in approximately 0.02 acres of temporary impacts to Dry Creek. In addition, approximately 200 cubic yards of grouted riprap will be placed on top of the streambed both north and south of the Stearns Road Culvert to provide rock slope protection. This will result in approximately 0.007 acre and 35 linear feet of permanent fill to Dry Creek. The project is anticipated to be short in duration and take approximately 10 - 11 days to complete.

Table 1: Total Project Fill/Excavation Quantity for Temporary Impacts¹

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Stream Channel	0.02		85

Table 2: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area Impacts

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Stream Channel	0.007	200	35

FINDING OF APPLICABILITY

This letter serves as formal notice that CWA Certification SB18054IN is applicable to this project. Your waste discharge identification (WDID) number is 5A04CR00343.

REPORTING

A Notice of Completion (NOC) shall be submitted by the applicant no later than 45 days after the emergency work has been completed. The NOC shall demonstrate that the work has been carried out in accordance with the description provided in the applicant's Notice of Intent (NOI).

Failure to comply with the terms and conditions of this Certification may expose the Town of Paradise to enforcement action pursuant to the Clean Water Act and California Water Code.

¹ Includes only temporary direct impacts to waters of the state and does not include area of temporary disturbance which could result in a discharge to waters of the state. Temporary impacts, by definition, are restored to pre-project conditions and therefore do not include a physical loss of area or degradation of ecological condition.

If you have any questions please contact Lynn Coster at (530) 224-2437 or via email at Lynn.Coster@waterboards.ca.gov.

Original Signed by Bryan J. Smith, P.E.

(for) PATRICK PULUPA

Executive Officer

DLW: db

cc via email: U.S. EPA, Region 9, San Francisco
Water Quality Certification Program, SWRCB, Sacramento
Hillary Kraft, U.S. Army Corps of Engineers, Redding
Ken Chen, Dokken Engineering, Folsom

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Attachment A – Project Maps

Figure 1: Project Location Map



Figure 2. Project Impacts Map

