
Central Valley Regional Water Quality Control Board

16 April 2021

Scott Nielsen
Lake California Property Owners Association
19999 Lake California Drive
Cottonwood, CA 96022

ORDER AMENDING CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER; LAKE CALIFORNIA PROPERTY OWNERS ASSOCIATION (LCPOA), LAKE CALIFORNIA BOAT LAUNCH FACILITY MAINTENANCE PROJECT (WDID NO. 5A52CR00204A1), TEHAMA COUNTY

This Order responds to the 4 November 2020 request for an amendment of the Lake California Boat Launch Facility Maintenance Project Section 401 Water Quality Certification (WDID No. 5A52CR00204). The original Water Quality Certification (Certification) was issued on 7 July 2020. The requested amendment is hereby approved, and the original Certification is therefore amended as described below. Please attach this document to the original Certification.

AMENDMENT:

Lake California Property Owners Association (LCPOA) is requesting an amendment to the Section 401 Water Quality Certification and Order to modify the Project impacts. Therefore, Section IV; Section VII (addition of Table 1B); Section XI; Section XII.K; and Attachment B (addition of Table 4) of the Water Quality Certification are amended in underline format below.

IV. Project Description

The project involves the dredging and removal of sediment from the Lake California boat launch facility on an as-needed basis. Each year, sediment that has deposited at the facility will be removed from the ramp, in the harbor and at the mouth of the harbor. The amount of material to be removed will vary from year to year. The estimated annual amount of sediment removal from the site is approximately 200 to 300 cubic yards following a wet year. The amount would be less following a dry year.

The work will involve using heavy equipment (excavator, haul trucks, skid steers, and/or loaders, etc.) to excavate and remove the material. The depth of dredging is estimated to be an average of four feet. An excavator will remove sediment with a bucket and side-cast the material on the floodplain to allow it to dry. It is anticipated that the bucket will be a typical dredging style bucket with perforated holes for the

release of water prior to side-casting the sediment. Water in the side-casted material will infiltrate into the floodplain materials. It is not anticipated that a berm will be necessary to decant sediment prior to relocation to the placement site.

Sedimentation controls such as berms, fiber rolls, wattles, etc. will be installed around the temporary stockpile until the material is hauled to the placement site. Once the material is dry, it will be transferred to haul trucks with a loader or skid steer and hauled to the placement site where the material will be stored and used for future authorized uses.

Temporary ramps may be constructed out into the water to allow equipment to reach areas that are inaccessible from land. All temporary ramps will be removed at the end of each annual maintenance event. The temporary ramps, if needed, will be constructed out of clean, silt-free gravel. Temporary ramps will be constructed at the water's edge, with the equipment remaining in the dry. The temporary ramp will be extended out from the shore as far as needed so that the excavator can reach areas to be dredged. The ramp will be wide enough to accommodate an excavator at an estimated 15 feet. Only the excavator will work on the ramp. It is anticipated that the temporary ramp will remain in place for less than two days. When removing the temporary ramps, the excavator will remove material from the farthest point from shore first, removing the ramp as the excavator proceeds. Although the majority of the ramp will be removed, it is anticipated that some gravel will remain and be washed downstream, to augment downstream salmon spawning habitat.

Each year prior to the initiation of dredging activities, approximately 20 cubic yards of clean spawning gravel will be placed as a berm to isolate the dredging area from the flowing portion of the Sacramento River. The size distribution of the spawning gravel will be determined in consultation with California Department of Fish and Wildlife. Once dredging activities are completed, the spawning gravel will be spread within the river channel to allow it to be distributed downstream during high flows. The spawning gravel will be spread so that it does not impede navigation in and out of the boat launch facility.

In-water work will occur in such a way as to minimize the amount of time that disturbance occurs. It is anticipated that in-water activities will last approximately one to two days depending on the amount of sediment that is deposited during the prior water year. Equipment will work off of the shoreline or gravel ramp and only the bucket arm will enter the water. No woody vegetation will be removed. A few trees or shrubs may be trimmed to allow access for the excavator.

VII. Description of Direct Impacts to Waters of the State

Total Project fill/excavation quantities for all impacts are summarized in [Table 1B](#). Permanent impacts are categorized as those resulting in a physical loss in area and those degrading ecological condition.

Table 1B: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area.

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Stream Channel	<u>0.02</u>	<u>20</u>	

XI. Fees Received

An additional fee of \$1525.00 based on total Project impacts was received on 29 March 2021.

XII. Conditions

K. Compensatory Mitigation for Permanent Impacts

Permanent impacts of spawning gravel injection are considered a benefit to Waters of the State. Due to the nature of the project and permanent impact, no compensatory mitigation is required.

Attachment B

Individual Direct Impact Locations

The following tables show individual impacts.

Table 4: Individual Permanent Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Cubic Yards	Linear Feet
Lake California Boat Launch Facility Maintenance Project	40.364243	-122.185806	No	<u>0.02</u>	<u>20</u>	

CENTRAL VALLEY WATER BOARD CONTACT:

Jerred Ferguson
364 Knollcrest Drive, Suite 205
Redding, CA 96002
Jerred.Ferguson@waterboards.ca.gov
(530) 224-4784

WATER QUALITY CERTIFICATION:

I hereby issue an Order amending the existing Clean Water Act Section 401 Water Quality Certification and Order for Lake California Property Owners Association (LCPOA), Lake California Boat Launch Facility Maintenance Project, WDID No. 5A52CR00204A1. All other conditions and provisions of the original Water Quality Certification remain in full force and effect, except as modified based on the conditions of this Order. Failure to comply with the terms and conditions of the original Water Quality Certification, previously approved amendments, or of this Order may result in suspension or revocation of the Water Quality Certification.

Original Signed by Clint Snyder for

Patrick Pulupa, Executive Officer
Central Valley Regional Water Quality Control Board

4/16/2021

Date

JTF: db

cc

via email: Sam Ziegler, U.S. EPA, Region 9, San Francisco
Water Quality Certification Program, SWRCB, Sacramento
Jeff Souza, Tehama Environmental Solutions, Inc., Red Bluff