
Central Valley Regional Water Quality Control Board

28 October 2022

Paul Aigner
Donald and Sylvia McLaughlin Reserve
26775 Morgan Valley Road
Lower Lake, CA 95457

ORDER AMENDING CLEAN WATER ACT SECTION 401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; UNIVERSITY OF CALIFORNIA, DAVIS AIKAWA POND CHANNEL STABILIZATION PROJECT (WDID#5A28CR00037A1), NAPA COUNTY

This Order responds to the 25 September 2022 request for an amendment of the Aikawa Pond Channel Stabilization Project (Project) Section 401 Water Quality Certification (WDID#5A28CR00037). The original Water Quality Certification (Certification) was issued on 4 November 2019. The requested amendment is hereby approved. The original Certification is therefore amended as described below. Please attach this document to the original Certification.

AMENDMENT:

The University of California Davis is requesting an amendment for a change in the Project scope of work. Specifically, the scope of work will include extending the rock chute to the base of the dam breach and constructing a rock outlet apron in the historic native channel at the base of the dam to create a stable long-term outflow for the pond. The Project will now result in a total of 0.68 permanent impacts to Stream Channel with no temporary impacts.

The Certification is amended as shown below in underlined text:

Section VII.

Description of Direct Impacts to Waters of the State

At the upstream location, the existing vertical drop will be excavated to create keyways for placing angular rip rap that will form the channel lining and prevent future erosion. The excavated material will be redistributed on the channel banks and will be stabilized with certified weed-free bio-wattles and native grass plug plantings.

To restore the failed dam at the downstream location, native soil will be excavated from the north side of the dam and placed into the eroded stream channel. Angular rip rap will be placed above the placed soil to create a shallow plunge pool that will dissipate channel energy. The regraded banks will be stabilized with weed-free bio-wattles and native grass plug plantings.

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

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

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Stream Channel	0.068		145

UPDATES TO ATTACHMENT B TABLE 2

Individual Direct Impact Locations

The following tables show individual impacts.

Table 2: Individual Permanent Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation ?	Acres	Cubic Yards	Linear Feet
Stream channel	38.85472° N	122.39631° W	No	0.068		145

APPLICATION FEE RECEIVED:

No fee was required for this amendment. Total fees of \$437.00 for the original Certification were received on 10 October 2019. The fee amount was determined as required by California Code of Regulations, title 23, sections 3383(b)(3) and 2200(a)(3), as was calculated as category D - Ecological Restoration and Enhancement Projects (fee code 85) with the dredge and fill fee calculator.

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD CONTACT:

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PUBLIC NOTICE:

The Central Valley Water Board provided public notice of the application pursuant to California Code of Regulations, title 23, section 3858 from {CIWQS} 30 September 2022 to 21 October 2022. The Central Valley Water Board did not receive any comments during the comment period.

WATER QUALITY CERTIFICATION:

I hereby issue an Order amending the existing Clean Water Act, Section 401 Technically Conditioned Water Quality Certification for the Aikawa Pond Channel Stabilization Project (WDID#5A28CR00037). All other conditions and provisions of the original Water Quality Certification and any previously approved amendments 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 Adam Laputz for:
Patrick Pulupa
Executive Officer

Attachment: Figure 2 – Updated Project Impacts Map

cc: [Via email only] (w/enclosure)

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Attachment A: Updated Figure 2 Site Map

