



Central Valley Regional Water Quality Control Board

27 September 2022

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NOTICE OF APPLICABILITY; GENERAL SECTION 401 WATER QUALITY CERTIFICATION ORDER REQUIREMENTS FOR THE SOLANO COUNTY WATER AGENCY, EMERGENCY REPAIR OF NEW ALAMO CHANNEL AT PEDESTRIAN BRIDGE OFF FAIRVIEW DRIVE PROJECT (RGP 8) (WDID#5A48CR00194), SOLANO COUNTY

On 9 September 2022, Solano County Water Agency (Applicant) filed a notification requesting coverage under the 9 October 2018 State Water Resources Control Board Clean Water Act Section 401 General Water Quality Certification of the United States Army Corps of Engineers (USACE) Regional General Permit 8 (General Certification Order) for the Emergency Repair of New Alamo Channel at Pedestrian Bridge off Fairview Drive Project (RGP 8) (Project). After review of the notification and the supplemental material submitted by the Applicant, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has determined that the Project qualifies for enrollment under this General Certification Order. The proposed activity is taking place in 80 linear feet of waters of the United States.

The Central Valley Water Board is certifying this Project under United States Army Corps of Engineers Regional General Permit 8, Emergency Repair and Protection Activities, subject to the conditions and the notification requirements described in the Nationwide Permit ("Special Conditions"). This Notice of Applicability is being issued under the General Certification Order pursuant to Section 3838 of the California Code of Regulations.

A copy of the [General Certification Order](https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/rgp8_cert.pdf) (https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/rgp8_cert.pdf) can be found on the State Water Resources Control Board's General Orders webpage and is enclosed.

The Project is being conducted in accordance with the requirements contained in this Notice of Applicability and General Certification Order. The Project is described in the

MARK BRADFORD, CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

notification form requesting coverage under the General Certification Order, dated 9 September 2022, and supplementary information (Application Package). Coverage under the General Certification Order is no longer valid if the Project (as described) is modified.

PROJECT DESCRIPTION:

The 0.06-acre Emergency Repair of New Alamo Channel at Pedestrian Bridge off Fairview Drive Project (RGP 8) (Project) consists of repair to a stream that previously flooded and impacted 1,000 residences. In addition, this section was impacted by the 2020 LNU Wildfire Complex.

The Solano County Water Agency proposes to provide a long-term and effective solution to protect the pedestrian bridge and prevent further scouring of the flood channel. The estimated fill volume above and below the Ordinary High-Water Mark (OHWM) is shown in Table 1 below. The total project area of disturbance is estimated at 0.06 acre (2,500 square feet).

Storm Drain Outfall & Energy Dissipator

The existing 42-inch storm drain (west side) is 5.5-feet higher than the channel thalweg. To repair the bank erosion on the left bank (east side), additional rock will be placed along the storm drain outfall to act as an energy dissipator and reduce the potential for scouring flows.

Rock Weir

To further reduce the potential for scouring flows, a rock weir will be placed immediately downstream of the storm drain in the main channel. The purpose of the rock weir will be to recenter the mainstream flow and prevent scouring of the left (east) bank.

Bank Repair & Stabilization

Since the existing 6-inch by 18-inch rock slope protection has failed and the banks have over steepened, the first step is to stabilize the existing banks, primarily along the Left Bank (east side). Large 1-1.5-ton base rock would be placed along the toe of the channel and would be used to key in all rock slope protection, as well as to re-establish As-Built conditions. Smaller 0.5- to 1-ton rock would then be placed on top of the base rock, and keyed into the existing channel bank in an interlocking pattern to protect the channel from future erosion as well as to re-establish As-Built conditions.

Native Vegetation

Upon completion of the project, native seed will be placed along the disturbed areas of the project, primarily between the rock slope protection and the top of bank of the flood channel.

Table 1: Estimated Fill Volumes Above & Below OHWM

Feature	Fill Below OHWM (CY)	Fill Above OHWM (CY)	Total Fill (CY)
Outfall Structure	5	10	15
Rock Weir	90	30	120
Rock Slope Protection	75	225	300
Total =	170	265	345

The Project will permanently impact 0.02 acre and 80 linear feet of waters of the United States.

PROJECT LOCATION:

The Project is located along New Alamo Channel near the Pedestrian Bridge off Fairview Drive.

Section 26, Township 6 North, Range 1 West, MDB&M

Latitude: 38.3405° N and Longitude -121.9450° W

PROJECT SCHEDULE:

The approximate timeframe of Project construction is 27 September 2022 through 14 October 2022.

APPLICATION FEE RECEIVED:

An application fee of \$2,417.00 was received on 23 September 2022. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3) and was calculated as category H- Emergency Projects authorized by a Water Board General Order (fee code 85) with the dredge and fill fee calculator.

If you have any questions regarding this Notice of Applicability, please contact Peter Minkel at (916) 464-4684 or PeterG.Minkel@waterboards.ca.gov.

Original Signed by Adam Laputz for:

Patrick Pulupa
Executive Officer

Enclosure: Water Quality Order No. 2018-0025-EXEC Clean Water Act Section 401
Water Quality Certification and Order

cc: Distribution List, page 4

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