



Central Valley Regional Water Quality Control Board

09 January 2023

Sean Cross
California Department of Transportation
703 B Street
Marysville, CA 95901

CERTIFIED MAIL
7022 2410 0001 5093 5441

REVISED NOTICE OF APPLICABILITY

**WATER QUALITY ORDER 2003-0003-DWQ
STATEWIDE WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND
WITH A LOW THREAT TO WATER QUALITY
CALIFORNIA DEPARTMENT OF TRANSPORTATION
STATE ROUTE 51 AMERICAN RIVER BRIDGE REHABILITATION
(EA NO. 03-3F070)
SACRAMENTO COUNTY**

On 18 March 2022, the California Department of Transportation (Caltrans, hereafter Discharger) submitted a Notice of Intent (NOI) to obtain coverage under Water Quality Order 2003-0003-DWQ, *Statewide General Waste Discharge Requirements for Discharges to Land with a Low Threat to Water Quality* (hereafter General Order) for construction dewatering at the above-referenced project. The submittal included a completed NOI and Form 200, CEQA compliance documentation, and a Discharge Monitoring Plan (DMP). An application fee was received on 18 May 2022. An additional DMP was submitted on 19 October 2022 to include dewatering activities associated with the replacement of an existing lateral water line.

The submittals contain all the information required to evaluate applicability of the General Order; therefore, the NOI is considered complete. Based on the information provided in the NOI, the discharge meets the conditions of the General Order. The discharge is hereby covered under State Water Resources Control Board General Order 2003-0003-DWQ-0231. Please include this number on all correspondence related to this discharge. A copy of the General Order is enclosed with this notice and is also available at the Central Valley Regional Water Quality Control Board (Central Valley Water Board) [Adopted Orders Website](https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf) (https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf).

PROJECT LOCATION AND DESCRIPTION

The American River Bridge Rehabilitation Project is located along State Route (SR) 51, post mile 2.0 to 3.5 in Sacramento County, as shown in Attachment A. The rehabilitation

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

project would include the following: remove and replace the existing concrete deck, remove and replace the steel girder post-tensioning systems in spans 1 and 2, modify existing soundwall, install sheet piling around piers for scour mitigation, construct concrete catcher blocks, widen the bridge to accommodate traffic during construction, add a Class I bike/pedestrian path, and plan for future transportation needs on SR51. Groundwater dewatering is anticipated during bridge pier retrofit operations. Dewatering operations will be conducted over three seasons and likely during the months of June through October. Dewatering operations are anticipated to begin June 2022. Project completion is scheduled for November 2025.

Bridge rehabilitation activities include a potential for groundwater to come in contact with freshly placed concrete. Groundwater that comes in contact with fresh concrete will be pumped into mobile tanks, where pH levels will be monitored. A neutralizing agent will be added to maintain pH levels between 6.5 and 8.4 prior to discharging to land. Neutralized water will be used for on-site dust control/suppression, road-base compaction, and discharged to infiltration areas on the east and west sides of SR51 as shown on Attachment A. The infiltration areas will be managed to prevent over-saturation and runoff of the discharge into surface waters. Anticipated total volume of discharged water is approximately 500,000 gallons.

In addition, groundwater dewatering is anticipated during the replacement of an existing lateral water line at the Caltrans' pump station along State Route 51 south of the river. Approximately 300,000 gallons of groundwater may be extracted during the water line excavation activities. There are no known contaminants expected in the groundwater. Extracted groundwater will be land applied to an approximately 1.26-acre site as shown on Attachment B.

The Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fourth Edition, revised October 2011 (hereafter Basin Plan), designates beneficial uses, establishes water quality objectives, contains implementation plans and policies for protecting waters of the basin, and incorporates by reference plans and policies adopted by the State Water Resources Control Board. Pursuant to §13263(a) of the California Water Code (CWC), waste discharge requirements must implement the Basin Plan.

FACILITY-SPECIFIC REQUIREMENTS

The General Order and this Notice of Applicability (NOA) regulates construction dewatering for the American River Bridge Project.

1. Water encountered during construction shall be disposed of as described in the NOI, DMP, and in accordance with the requirements contained in the General Order.
2. Water that comes in contact with concrete or cement shall be tested for pH levels prior to discharge and neutralized if needed to maintain pH levels between 6.5 and 8.4.

3. Discharges at a location or in a manner different from that described in the Notice of Intent or this Notice of Applicability is prohibited.
4. All technical reports required herein that involve evaluation, or other work requiring interpretation and proper application of engineering or geologic sciences, shall be prepared by or under the direction of persons registered to practice in California pursuant to California Business and Professions Code, section 6735, 7835, and 7835.1. As required by these laws, completed technical reports must bear the signature(s) and seal(s) of the registered professional(s) in a manner such that all work can be clearly attributed to the professional responsible for the work.
5. Sampling, monitoring, and reporting requirements shall be in accordance with the General Order's Monitoring and Reporting Program and your DMP. Monitoring shall include the approximate volume of discharge at each discharge location and date of each discharge. For construction dewatering projects, monitoring results shall be submitted on a semi-annual basis in accordance the General Order's Monitoring and Reporting Program. For the January through June reporting period, the monitoring report is due **August 15**. For the July through December reporting period, the monitoring report is due **February 15**.
6. The Discharger shall submit the required annual fee (as specified in the annual billing issued by the State Water Resources Control Board) until the Notice of Applicability is officially terminated.
7. Failure to abide by the conditions of the General Order, including its monitoring and reporting requirements, and this letter authorizing applicability could result in enforcement actions, as authorized by provisions of the California Water Code.

DOCUMENT SUBMITTALS

All monitoring reports and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to: centralvalleysacramento@waterboards.ca.gov

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Facility Name: State Route 51, American River Bridge, Sacramento County

Program: Non-15 Compliance

Order: 2003-0003-DWQ-0231

CIWQS Place ID: 881226

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to:

Central Valley Regional Water Quality Control Board
ECM Mailroom
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Now that the NOA has been issued, the Board's Compliance and Enforcement section will take over management of your case. Guy Childs is your new point of contact for any questions about compliance with the Order. In addition, all monitoring and technical reports should be submitted to him. The enclosed transmittal sheet shall be included with each monitoring report. If you find it necessary to make a change to your permitted operations, Guy will direct you to the appropriate Permitting staff. You may contact Guy at (916) 464-4648 or guy.childs@waterboards.ca.gov.

for Patrick Pulupa
Executive Officer

Enclosure:

Attachment A, Location and Discharge Area Map 1
Attachment B, Location and Discharge Area Map 2
Water Quality Order No. 2003-0003-DWQ (Discharger only)
Monitoring Report Submittal Transmittal Form (Discharger only)

Cc via email:

Sacramento Environmental Health Management, Rancho Cordova
Howard Hold, CVWQCB, Rancho Cordova (email)
Guy Childs, CVWQCB, Rancho Cordova (email)

ATTACHMENT A



Aerial Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus OS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend:

- Discharge Area & Water Truck Use

0 400 800 1,600 Feet

Discharge Area
American River Bridge
03-SAC-51 (PM 2.0-3.5)
Sacramento County, California



Approximate Scale:
As Noted Above



Drawing Reference:
Notice of Intent
March 2022

LOCATION AND DISCHARGE AREA MAP 1
American River Bridge Project
Sacramento County

ATTACHMENT B



Google Earth Maps Imagery Date 5/14/2021

Legend:

-  New Drainage System
-  Discharge Area (1.26 Acre)

0 100 200 400 Feet



Discharge Area
American River Bridge
03-SAC-51 (PM 2.0-3.5)
Sacramento County, California

Approximate Scale:
Note to Scale



Drawing Reference:
DMP
19 October 2022

LOCATION AND DISCHARGE AREA MAP 2
American River Bridge Project
Sacramento County