



Central Valley Regional Water Quality Control Board

28 July 2017

Osama Elhamshary
California Department of Transportation
111 Grand Ave
Oakland, CA 94612

CERTIFIED MAIL
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NOTICE OF APPLICABILITY; GENERAL 401 WATER QUALITY CERTIFICATION ORDER REQUIREMENTS FOR THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, GEO-TECHNICAL SURVEYS FOR ALAMEDA CREEK BRIDGE REPLACEMENT PROJECT (WDID#5A48CR00151), SOLANO COUNTY

On 30 June 2017, the California Department of Transportation (Applicant) filed a notification requesting coverage under the 17 March 2017 State Water Resources Control Board Clean Water Act Section 401 General Water Quality Certification and Order of the United States Army Corps of Engineers 2017 Nationwide Permits (General Certification Order) for the Geo-technical Surveys for Alameda Creek Bridge Replacement Project (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 will take place within less than 0.02 acre of waters of the United States.

The Central Valley Water Board is certifying this Project under United States Army Corps of Engineers Nationwide Permit #6 (Survey 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 is enclosed. You can also find the General Certification Order on the State Water Resources Control Board's website at:

http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/nwp_go.pdf

The Project must proceed in accordance with the requirements contained in this Notice of Applicability and General Certification Order. Coverage under the General Certification Order is no longer valid if the Project (as described) is modified.

PROJECT DESCRIPTION:

The Project consists of conducting 2 borings within Miner Slough. The borings will have a diameter of 3.8-inch and maximum depth of 150 feet below the bed of Miner Slough or mud level. The proposed method for boring will include driving a 5-foot steel casing into the riverbed to insulate the drilling rods and fluid from the river. Boreholes will be created using a rotary self-casing drilling system that uses drilling fluid (water, bentonite clay, and liquid polymer). The drilling fluid will be circulated through a closed system consisting of drill equipment and mud tank. The mud tank contents will periodically be transferred to a 55-gallon steel drum for proper disposal. Once the desired depth has been reached, the boreholes will be flushed with water to displace the remaining drilling fluid into the mud tank. The

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boreholes will be filled with cement grout. Excess cement grout from sealing the boreholes will be pumped out of the protective steel casing. Following seal of the boreholes and removal of excess cement grout, the steel casing will be removed from the slough.

All work will be performed from a barge.

APPROXIMATE TIMEFRAME OF PROJECT IMPLEMENTATION:

1 August to 15 October 2017

PROJECT LOCATION:

Latitude: 38°17'25.5" and Longitude: -121°38'12.8"

If you have any questions regarding this Notice of Applicability, please contact Nicholas White at (916) 464-4856 or Nicholas.White@waterboards.ca.gov

Original Signed By Adam Laptuz for:

Pamela C. Creedon
Executive Officer

Enclosure: State Water Resources Control Board Clean Water Act Section 401 General Water Quality Certification and Order of United States Army Corps of Engineers 2017 Nationwide Permits

Attachment: Figure 1- Sediment Sampling Locations

cc: Bill Guthrie
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Figure 1: Sediment Sampling Locations