



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Central Valley Regional Water Quality Control Board

12 January 2018

Nadarajah Suthahar
California Department of Transportation
703 B Street
Marysville, CA 95901

CERTIFIED MAIL
91 7199 9991 7035 8420 3439

***REVISED NOTICE OF APPLICABILITY TO WATER QUALITY ORDER
2003-0003-DWQ FOR CALIFORNIA DEPARTMENT OF TRANSPORTATION,
SACRAMENTO INTERSTATE 5 CORRIDOR IMPROVEMENT PROJECT, PROJECT ID:
EA NO. 03-0H10U, SACRAMENTO COUNTY***

The Central Valley Regional Water Quality Control Board issued a Notice of Applicability (NOA) to California Department of Transportation on 3 January 2018 for coverage under the *Water Quality Order 2003-0003-DWQ Statewide Waste Discharge Requirements for Discharges to Land with a Low Threat to Water Quality*.

We are attaching a revised NOA with the correct Order Number in the table on the third page of the NOA. The Order Number was changed from R5-2003-0003-DWQ-0183 to 2003-0003-DWQ0183. We apologize for this error, however no other changes have been made to the NOA.

If you have any questions concerning your permitted operations, please contact Brendan Kenny in our Compliance Enforcement Unit. You may contact Brendan directly at (916) 464-4638 or at bkenny@waterboards.ca.gov.

--original signed by Scott Armstrong--

SCOTT ARMSTRONG, P.G. C.HG.
Senior Engineering Geologist

Attachment: Revised Notice of Applicability

cc w/enclosure: Sacramento County Environmental Health Department, Mather
Sean Cross, California Department of Transportation, Marysville

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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
SACRAMENTO INTERSTATE 5 CORRIDOR IMPROVEMENT PROJECT,
PROJECT ID: EA NO. 03-0H10U
SACRAMENTO COUNTY**

On 28 November 2017, the California Department of Transportation (Caltrans) 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 site. The submittal 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-0183. Please include this number on all correspondence related to this discharge.

PROJECT LOCATION

The Interstate 5 (I-5) Corridor Improvement Project includes three activities located along I-5 in Sacramento County:

- Adding high occupancy vehicle (HOV) lanes in both the southbound and northbound directions of I-5 from 1.1 miles south of Elk Grove Boulevard to the Highway 50 and I-5 junction.
- Rehabilitating the roadway on I-5 in Sacramento County from Cosumnes River Blvd to the American River Bridge and widening several ramps, installing ramp meters, widening and rehabilitating several ramps and sidewalks, and updating auxiliary/transition lanes at various locations along I-5.
- Installing Fiber Optic Cable Communication System along I-5 from 1.1 miles south of Elk Grove Boulevard in Sacramento County to 0.1 miles north of the Highway 50 Separation in the City of Sacramento.

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.

PROJECT DESCRIPTION

The Sacramento I-5 Corridor Improvement Project location is shown on Attachment A. The project is scheduled to begin in June 2018 and is tentatively scheduled for completion in December 2022. Cast-in-drilled-hole (CIDH) pile construction is anticipated at this time to be the only operation requiring construction dewatering with discharge to land and will be conducted intermittently as needed throughout the project timeline.

The project is expected to drill approximately 41 CIDH piles to an estimated depth of 30 feet below ground surface (bgs) with a diameter of 7.5 feet. Once soil is removed from the drilled pile shaft, steel and concrete will be used to reinforce the shafts. Any groundwater in the pile shafts will be pumped into storage tanks. Anticipated dewatering volumes were based on geotechnical information, rough estimates, estimated depths to groundwater, which ranges between 6 and 32 feet bgs, and the assumption of groundwater accumulation using half the drilling depth. Approximately 4,330 gallons is anticipated for each pile for a total discharge volume of 180,000 gallons for the project.

Because the water generated during dewatering activities is expected to come in contact with freshly poured concrete, samples of the stored water will be collected and tested for pH levels prior to discharge. Grab samples will be collected from the water tanks twice per shift (approximately every four hours) to ensure pH levels are between 6.5 and 8.4. If pH levels of a water sample is outside of the designated pH range, discharging will stop immediately, a neutralizing agent will be added and mixed to the water, and pH readings will be collected again to verify pH levels are in range prior to restarting the discharge.

The water storage tank will be regularly monitored for available storage capacity during dewatering operations. If the storage tank approaches capacity, Caltrans will provide additional temporary water containment to prevent dewatering discharge from over-flowing until the water can be tested and utilized as part of planned construction activities.

Neutralized water will be used for dust control and allowed to infiltrate within roadside ditches. Discharge locations are shown on Attachment A. All water will be discharged on Caltrans right-of-way properties, will remain within the ditches, and will not be allowed to reach any surface water bodies or migrate off right-of-way properties.

FACILITY-SPECIFIC REQUIREMENTS

The General Order and this Notice of Applicability regulates construction dewatering and reuse of the treated water at the Sacramento I-5 Corridor Improvement Project.

1. Water generated during construction dewatering shall be disposed of as described in the Notice of Intent and in accordance with the requirements contained in the General Order.
2. Construction dewatering discharge at a location or in a manner different from that described in the Notice of Intent or this Notice of Applicability is prohibited.

3. 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.
4. Analytical results shall be submitted on a semi-annual basis in accordance the General Order's Monitoring and Reporting Program. Semi-annual monitoring reports are due on August 15th for the January to June reporting period and February 15th for the July to December reporting period.
5. 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.
6. 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: Sacramento I-5 Corridor Improvement Project, Sacramento County		
Program: Non-15 Compliance	Order: 2003-0003-DWQ-0183	CIWQS Place ID: 842002

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 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

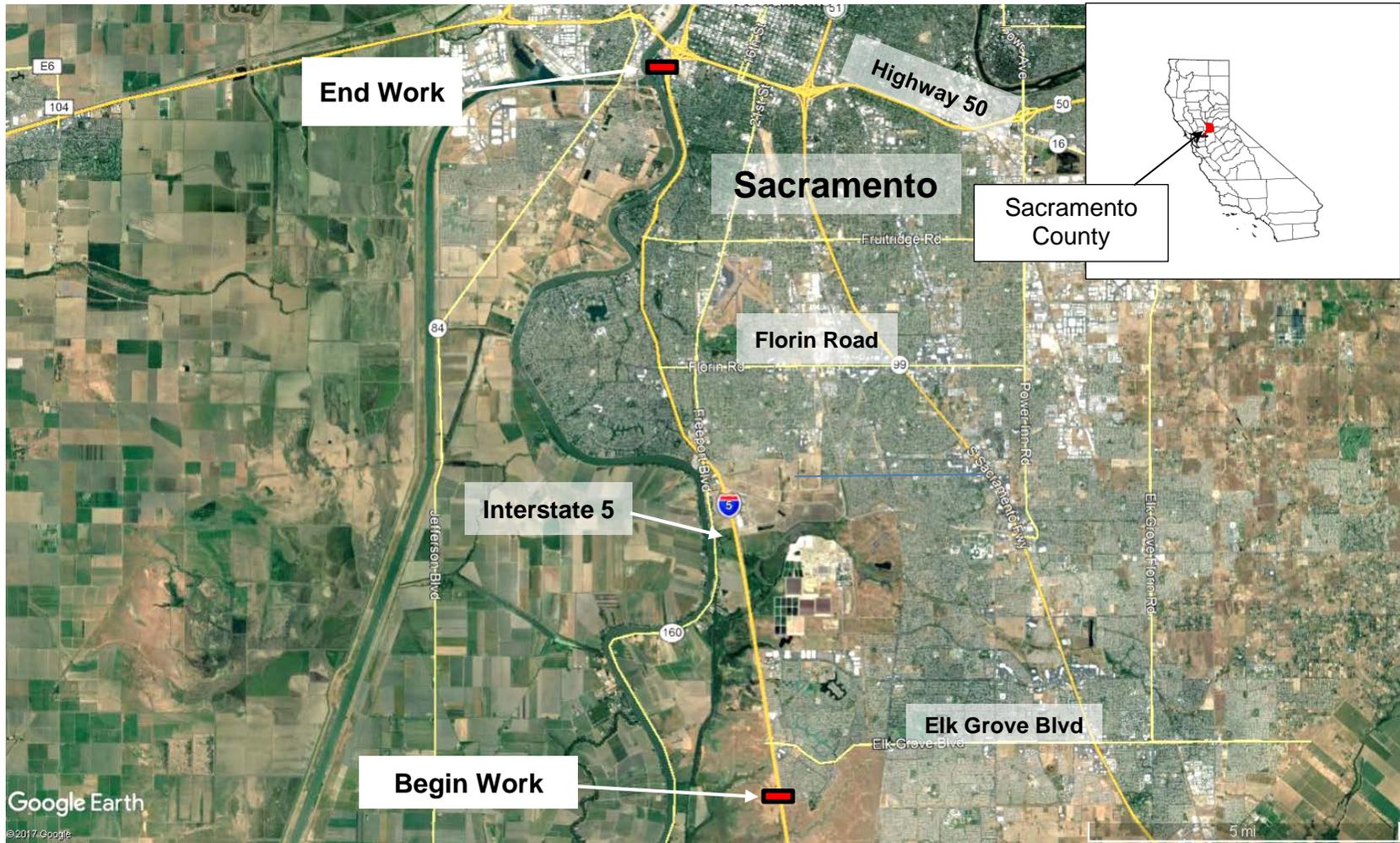
appropriate Permitting staff. You may contact Guy at (916) 464-4648 or at gchilds@waterboards.ca.gov

--original signed by Andrew Altevogt for--

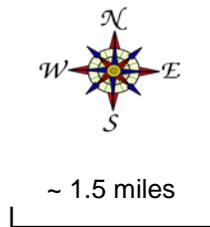
PAMELA C. CREEDON
Executive Officer

Enclosures: Water Quality Order No. 2003-0003-DWQ
Monitoring Report Submittal Transmittal Form

cc: Sacramento County Environmental Health Department, Mather
Sean Cross, California Department of Transportation, Marysville



Note: Multiple Land Application Areas are located along the east and west sides of I-5 within the project portion of I-5. Water will be discharged on Caltrans right-of-way properties only and will be not be allowed to migrate off property.



CALTRANS
SACRAMENTO I-5 CORRIDOR
IMPROVEMENT PROJECT
PROJECT ID: EA NO. 03-0H10U
SACRAMENTO COUNTY