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## Central Valley Regional Water Quality Control Board

20 June 2014

Candice Longnecker  
Granite Construction Company  
4001 Bradshaw Road  
Sacramento, CA 95827

### NOTICE OF APPLICABILITY

#### **WATER QUALITY ORDER 2003-0003-DWQ, STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS (WDRs) FOR DISCHARGE TO LAND WITH A LOW THREAT TO WATER QUALITY, GRANITE CONSTRUCTION COMPANY, MORMON ISLAND AUXILLARY DAM PROJECT, SACRAMENTO COUNTY**

On 18 April 2014, Granite Construction Company (hereafter Granite Construction) submitted a Notice of Intent (NOI) to obtain coverage under Water Quality Order No. 2003-0003-DWQ, *Statewide General Waste Discharge Requirements for Discharge to Land with a Low Threat to Water Quality* (hereafter General Order) for discharges to land of recovered groundwater from the Mormon Island Auxiliary Dam (MIAD) Modification Project. Additional information was submitted on 12 May 2014 and 27 May 2014.

The submittals contain all the information required to evaluate applicability of the General Order; therefore, the NOI is complete. Based on the information provided in the NOI, the proposed discharge meets the conditions of the General Order. The discharge is hereby covered under Water Quality Order No. 2003-0003-DWQ-0100. Please include this number on all correspondence related to this discharge.

#### **PROJECT LOCATION**

The MIAD Modification Project is located near the intersection of Green Valley Road and Sophia Parkway in the Folsom Lake State Recreation Area. Groundwater seepage is anticipated during excavation operations to rehabilitate and overlay the existing Mormon Island Auxiliary Dam on Folsom Lake. The site of the dewatering operations is located on land owned by the U.S. Department of Interior Bureau of Reclamation near the Mormon Island Auxiliary Dam site, north of Green Valley Road within Sacramento County as shown on Attachment A.

This portion of Sacramento County is within the Sacramento River and San Joaquin River Basins. *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 MIAD Modification Project involves excavation and replacement of the MIAD foundation, placement of an overlay with filters and drains, and new monitoring and electrical systems. The recovered groundwater during excavation operations will be discharged to the settling/recycling ponds located at the short-term sand and gravel operations owned and operated by Fisher Sand & Gravel Co. (Fisher). The Fisher short-term sand and gravel operation, associated with the MIAD Modification Project, is regulated under *Waiver of Reports of Waste Discharge and Waste Discharge Requirements for Specific Types of Discharge within the Central Valley Region*, R5-2013-0145-0033. If necessary to maintain pond storage capacity, the recovered groundwater will be used for on-site dust control or discharged off-site at a permitted facility. Recovered groundwater will be pumped and conveyed through high density polyethylene piping and hosing to the settling/recycling ponds. The discharge application rate may range from approximately 100 to 400 gallons per minute over a three month period. Pumping operations will occur during construction operation hours.

### **MONITORING REQUIREMENTS**

We understand that arsenic has been detected in monitoring wells installed in the dredge tailings aquifer downstream of the project site and is believed to be naturally occurring in the bedrock within the area. To confirm the presence of arsenic in the recovered groundwater, Granite Construction shall obtain a one-time groundwater sample for analysis of arsenic. The groundwater sample shall be filtered prior to preservation. Results of the data shall be submitted within **30 days** following the date of the sampling event.

### **DISCHARGE REQUIREMENTS**

1. Water generated from excavations shall be disposed of as described in the NOI and in accordance with the requirements contained in the Waiver.
2. Discharge of water at a location or in a manner different from that described in the NOI is prohibited.
3. Discharge of wastes to wetlands, surface waters, drainage courses, or biologically sensitive areas, 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. The Discharger shall submit the required annual fee (as specified in the annual billing issued by the State Water Resources Control Board) until the NOA is officially terminated. **Granite must submit a Notice of Termination (NOT) following completion of the discharge. To avoid being billed for the annual fee for the fiscal year 2014/15, discharge operations must be completed and an NOT be submitted before 1 October 2014.**

6. Failure to abide by the conditions of the Waiver and this letter authorizing applicability could result in enforcement actions, as authorized by provisions of the California Water Code.

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](mailto:gchilds@waterboards.ca.gov).

- Original signed by -

PAMELA C. CREEDON  
Executive Officer

Enclosures: Attachment A  
Statewide General Waste Discharge Requirements for Discharges to Land with a  
Low Threat to Water Quality, Order 2003-0003-DWQ  
Monitoring Report Submittal Transmittal Form

Cc w/o enc: Annalisa Kihara, State Water Resources Control Board, Sacramento  
County of Sacramento Environmental Management Department, Mather  
Ben Schoonover, Fisher Sand & Gravel Co., Tempe  
Tommy Fisher, Fisher Sand & Gravel Co., Tempe  
Drew Lessard, U.S. Bureau of Reclamation, Folsom  
Chelsea Stewart, U.S. Bureau of Reclamation, Folsom



- Conveyor
- Delivery Haul Route
- Excavation Haul Route
- Kiewit Haul Route
- Stockpile Haul Route
- Water Truck Route
- Clearing Limits
- Contractor Use Limits
- Excavation Sites
- Stockpile Haul Route
- One-Way Traffic/Do Not Enter Signs
- Speed Limit Sign
- Stop Sign
- Warning sign - Equipment Crossing

**Mormon Island Auxilliary Dam**



**GRANITE**



Approximate Scale:  
As noted

Drawing Reference:  
Granite Construction Company  
January 2014

**PROJECT LOCATION SITE PLAN**  
MORMON ISLAND AUXILIARY DAM  
MODIFICATION PROJECT  
EL DORADO AND SACRAMENTO COUNTY