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## Central Valley Regional Water Quality Control Board

15 February 2022

John Hannon  
U.S. Bureau of Reclamation  
801 I Street, Suite 140  
Sacramento, CA 95814

**NOTICE OF APPLICABILITY: STATE WATER RESOURCES CONTROL BOARD AMENDED ORDER FOR CLEAN WATER ACT SECTION 401 GENERAL WATER QUALITY CERTIFICATION FOR SMALL HABITAT RESTORATION PROJECTS FILE NO. SB12006GN FOR U.S. BUREAU OF RECLAMATION, KESWICK GRAVEL INJECTION 2022 PROJECT, SHASTA COUNTY, WDID NO. 5A45CR00614**

On 1 February 2022, U.S. Bureau of Reclamation (Applicant) filed a Notice of Intent (NOI) requesting coverage under the 27 March 2013 State Water Resources Control Board Amended Order for Clean Water Act Section 401 General Water Quality Certification for Small Habitat Restoration Projects File No. SB12006GN (General Certification Order) for the Keswick Gravel Injection 2022 Project (Project). After review of the NOI 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 the General Certification Order.

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. The General Certification Order may also be accessed on the [State Water Resources Control Board's Clean Water Act Section 401 – Certification and Wetlands Program Web Page](http://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders_wb.shtml) ([http://www.waterboards.ca.gov/water\\_issues/programs/cwa401/generalorders\\_wb.shtml](http://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders_wb.shtml)).

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 Coverage under the General Certification Order is no longer valid if the Project, as described, is modified.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 importing fish spawning gravel, dumping it near the edge of an embankment more than 100 feet above the river, and then pushing it into the river

where it will naturally migrate downstream and replenish spawning areas. Gravel injections serve to replace spawning gravel in the river system that is no longer naturally available due to Shasta and Keswick Dam. The Project will import approximately 20,000 tons of washed, clean spawning gravel over a period of three weeks in a location historically utilized for this purpose. During high flow events and releases, the gravel will naturally wash downstream and replenish the spawning gravel in areas where fish spawn, like Redding Riffle and Turtle Bay. This is an annual or bi-annual project conducted under the Central Valley Project Improvement Act and funded by the Bureau of Reclamation.

### **Description of Direct Impacts to Waters of the State**

Total Project fill/excavation quantities for all impacts are summarized in Table 1. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition.

**Table 1: Total Project Fill/Excavation Quantity for Temporary Impacts<sup>1</sup>**

<b>Aquatic Resources Type</b>	<b>Acres</b>	<b>Cubic Yards</b>	<b>Linear Feet</b>
Streambed/Stream bank	0.25	14,280	200

### **Approximate Timeframe of Project Implantation**

The Project is estimated to be conducted on an annual or bi-annual basis over 21-28 days during Spring or Fall depending on fish spawning and flows.

### **Project Location**

Address: Keswick Dam Road

County: Shasta County

Assessor's Parcel Number: 065-240-012-000

Latitude: 40.609016° and Longitude: -122.446498°

### **FINDINGS OF APPLICABILITY**

This letter serves as formal notice that Order No. SB12006GN is applicable to this salmonid habitat restoration project. Your waste discharge identification (WDID) number is 5A45CR00614.

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<sup>1</sup> Includes only temporary direct impacts to waters of the state and does not include area of temporary disturbance which could result in a discharge to waters of the state. Temporary impacts, by definition, are restored to pre-project conditions and therefore do not include a physical loss of area or degradation of ecological condition.

## REPORTING

A Notice of Completion (NOC) shall be submitted by the applicant no later than 30 days after the work has been completed. The NOC shall demonstrate that the work has been carried out in accordance with the description provided in the applicant's Notice of Intent.

Failure to comply with the terms and conditions of Order No. SB12006GN may expose U.S. Bureau of Reclamation to enforcement action pursuant to the Clean Water Act and California Water Code.

If you require further assistance, please contact me by phone at (530) 224-3212 or by email at [Katie.Gilman@waterboards.ca.gov](mailto:Katie.Gilman@waterboards.ca.gov). You may also contact Lynn Coster, Senior Environmental Scientist of the Storm Water and Water Quality Certification Unit, by phone at (530) 224-2437 or by email at [Lynn.Coster@waterboards.ca.gov](mailto:Lynn.Coster@waterboards.ca.gov).

Original Signed by Clint E. Snyder, P.G.

(for) Patrick Pulupa,  
Executive Officer

KAG: db

Enclosure: Amended Order for Clean Water Act Section 401 General Water Quality Certification for Small Habitat Restoration Projects File No. SB12006GN (Applicant Only)

cc email: U.S. EPA, Region 9, San Francisco  
Water Quality Certification Program, SWRCB, Sacramento  
Matthew Roberts, U.S. Army Corps of Engineers, Redding  
William Vanderwaal, Reclamation District No. 108, Grimes