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## Central Valley Regional Water Quality Control Board

19 July 2017

Bret Sampson  
El Dorado Irrigation District  
2890 Mosquito Road  
Placerville, CA 95667

CERTIFIED MAIL  
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### ***NOTICE OF APPLICABILITY; GENERAL SECTION 401 WATER QUALITY CERTIFICATION ORDER REQUIREMENTS FOR THE DEER CREEK EMERGENCY SLOPE PROTECTION PROJECT (WDID#5A09CR00174), EL DORADO COUNTY***

On 21 June 2017, El Dorado Irrigation District (Applicant) filed a notification requesting coverage under the 15 December 2014 State Water Resources Control Board Clean Water Act Section 401 Water Quality Certification of United States Army Corps of Engineers (USACE) Regional General Permit 8 (General Certification Order). After review of the notification and the supplemental material submitted by the Applicant and concurrence from the USACE, 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 activity will take place in 0.011 acre/70 linear feet of waters of the United States.

The Central Valley Water Board is certifying this project under United States Army Corps of Engineers Regional General Permit 8, Repair and Protection Activities in Emergency Situations, subject to the conditions and the notification requirements described in 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. You can also find the General Certification Order on the State Water Resources Control Board's website at:  
[http://www.swrcb.ca.gov/water\\_issues/programs/cwa401/docs/generalorders/rgp8\\_sb14007in\\_cert.pdf](http://www.swrcb.ca.gov/water_issues/programs/cwa401/docs/generalorders/rgp8_sb14007in_cert.pdf)

The project will be conducted in accordance with the requirements in the General Certification Order. The Project is described in the notification form requesting coverage under the General Certification Order, dated 21 June 2017, and supplementary information (Application Package). Coverage under the General Certification Order is no longer valid if the project (as described) is modified.

### **PROJECT DESCRIPTION:**

Deer Creek experienced significant erosion in January 2017 to the western bank and secondary channel as a result of increased water levels from substantial winter storms. During the winter storms, as water over-topped the weir in the secondary channel, flows caused sever scouring within the streambed and sloughing on the west bank. The scouring created a pit approximately 15 feet deep 30 feet long, and 20 feet wide. The sloughing eroded an approximate 40-foot-wide

KARL E. LONGLEY ScD, P.E., CHAIR | PAMELA C. CREEDON P.E., BCEE, EXECUTIVE OFFICER

by 30-foot-high portion of the creek bank, reducing soil cover to less than one foot over a 6-inch-diameter gravity sewer pipeline; creating an unacceptable risk of rupture.

To reduce risk to the sewer pipeline, the project will install shotcrete reinforced with dowels and rock anchors on the eroded bank. This will include the removal of approximately 50 cubic yards of loose and detached soil and rock from the bank slope, installation of 40 6-inch-diameter epoxy bar dowels (extending approximately 2 feet below the toe of the shotcrete wall), nine 1-inch-diameter galvanized rock anchors (approximately 20 feet into the bank), and protective sheets that allow percolation and facilitate conveyance of surface runoff down the bank slope and minimize erosion. Approximately 30 cubic yards of wet-mix shotcrete will be sprayed over 800 square feet to create a wall approximately 11 inches thick. The slope adjacent to the shotcrete wall will be reseeded and netting installed (with erosion control fabric).

To safeguard against future scouring and flooding, the newly scoured pit will be backfilled with native cobbles and gravels that were previously moved from the streambed during the storm events. Approximately eight trees that were uprooted during the high-water events and are currently blocking the secondary active channel will be removed, and up to four additional trees may also be removed to facilitate equipment access into the channel. It is anticipated that all work within the secondary channel will be completed with a medium sized excavator, pneumatic hammer, and chainsaws.

In order to complete the repairs, work must take place within the secondary channel. The channel, including the newly scoured pit, will be dewatered by directing the water into the main stem of Deer Creek via an existing culvert. Using a pump, water will be routed to the main stem of Deer Creek below the work area via a bypass pipe.

The Project will permanently impact 0.001 acre/40 linear feet of waters of the United States and temporarily impact 0.01 acre/30 linear feet of waters of the United States.

**APPROXIMATE TIMEFRAME OF PROJECT IMPLEMENTATION:**

6 July 2017 to 16 August 2017.

**PROJECT LOCATION:**

Latitude: 38.6682° and Longitude: -120.9869°

If you have any questions regarding this Notice of Applicability, please contact Nicholas White, Water Resource Control Engineer, at 916-464-4856 or [Nicholas.White@waterboards.ca.gov](mailto:Nicholas.White@waterboards.ca.gov)

*Original Signed By Adam Laptuz for:*

Pamela C. Creedon  
Executive Officer

Enclosures: State Water Resources Control Board Clean Water Act Section 401 Water Quality Certification of United States Army Corps of Engineers Regional General Permit 8

Attachments: Figure 1 – Project Location Map

### **DISTRIBUTION LIST**

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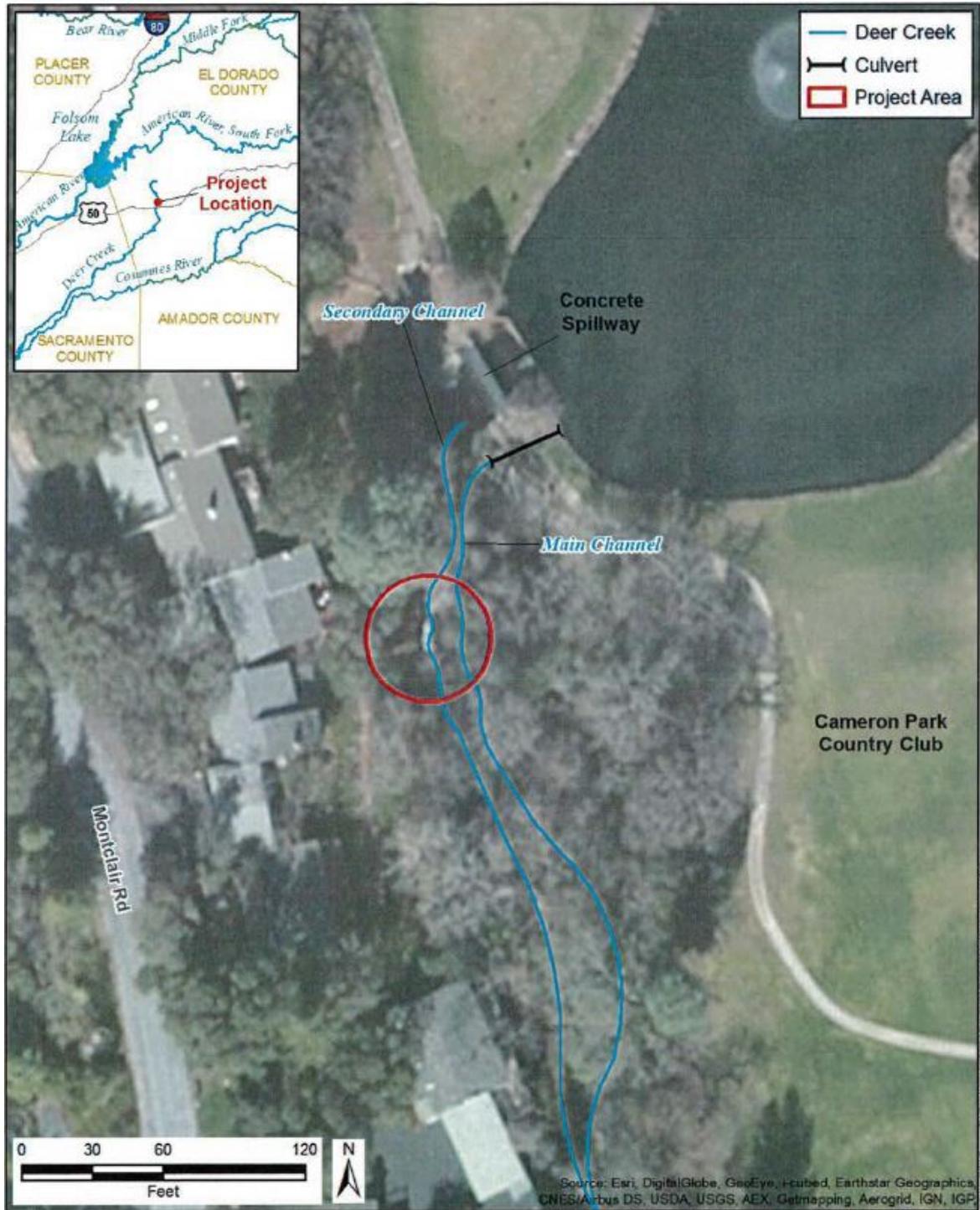


Figure 1 – Project Location Map