
Central Valley Regional Water Quality Control Board

27 November 2018

Joe Bertolino
Sacramento Municipal Utility District
7540 Highway 50
Pollock Pines, CA 95726

CERTIFIED MAIL
91 7199 9991 7039 7061 8809

ORDER AMENDING CLEAN WATER ACT SECTION 401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; SACRAMENTO MUNICIPAL UTILITY DISTRICT, 2016 UARP MAINTENANCE ACTIVITIES PROJECT (WDID#5A09CR136Y2A1), EL DORADO COUNTY

This Order responds to the 27 July 2018 request for an amendment of the 2018 UARP Maintenance Activities Project (Project) Notice of Applicability, General Section 401 Water Quality Certification Order Requirements (Notice of Applicability) (WDID#5A09CR00136Y2). The original Water Quality Certification (Certification) was issued on 8 May 2018. The requested amendment is hereby approved. The original Certification is therefore amended as described below. Please attach this document to the original Certification.

AMENDMENT:

The Sacramento Municipal Utility District is requesting a Project location and description change to correct the amount of activities with impacts to waters of the United States to include Loon Lake Gate House Power Cable Replacement.

The Notice of Applicability is amended as shown in underline/strikeout format below:

PROJECT LOCATION:

The Project activities will occur at Union Valley Reservoir and Loon Lake in El Dorado County.

Union Valley Reservoir

Section 26, Township 13 North, Range 14 East, MDB&M.

Latitude: 38.8505° N and Longitude: 120.3813° W

Loon Lake

Section 8, Township 13 North, Range 15 East, MDB&M.

Latitude: 38.9819° N and Longitude: 120.32531° W

PROJECT DESCRIPTION:

The 2018 UARP Maintenance Activities Project (Project) consists of resealing the Jones Fork Powerhouse located at Union Valley Reservoir and replacing transmission cables between the Loon Lake Powerhouse and Loon Lake Gate House.

Union Valley Reservoir

Prior to construction, the reservoir water level will be lowered and maintained at or below the minimum tailwater elevation, allowing the work area to be completely dry prior to start of construction. Soil will be excavated below the foundation to access the portion of the walls that require resealing. Retaining walls will be constructed to facilitate temporary removal of backfill at the base of the powerhouse walls.

The surface of the powerhouse walls will be washed using high pressure air abrasive or water blasting. All blasting and concrete materials will be controlled, contained, and disposed of in accordance with all applicable local, state, and federal regulations. When the walls are cleaned and ready for application, a physical exterior membrane system will be applied to the three water-side exteriors of the powerhouse walls. The downstream concrete tailrace walls may be sealed concurrently using the same methods to ensure no capillary action or moisture migration pathways would extend to appurtenances of the powerhouse. All sealing materials will be prevented from entering any surface waters. Once the sealing is completed and dried, backfill material removed prior to sealing will be replaced to its original pre-construction location.

Temporary scaffolding will be placed in the work area prior to resealing to provide a safe work area. The temporary scaffolding will be removed once work is completed.

Dewatering will occur in the Project area. No wet concrete will be placed in to waters of the United States. The Project will temporarily impact approximately 0.2 acre of waters of the United States.

Loon Lake

An existing, buried power cable that runs from the Loon Lake Powerhouse to the Loon Lake Gate House will be replaced. A 1-foot-wide trench will be excavated in an ephemeral drainage on-site to accommodate the cable replacement. The drainage bed will be restored to pre-project conditions following construction.

No dewatering will occur in the Project area. No wet concrete will be placed into waters of the United States. The Project will temporarily impact 0.001 acre/15 linear feet of waters of the United States.

APPLICATION FEE RECEIVED:

No fee was required for this amendment.

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD CONTACT:

Nicholas White, Water Resource Control Engineer
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-8114
Nicholas.White@waterboards.ca.gov
(916) 464-4856

PUBLIC NOTICE:

The Central Valley Water Board provided public notice of the application pursuant to California Code of Regulations, title 23, section 3858 from 10 August 2018 to 31 August 2018. The Central Valley Water Board did not receive any comments during the comment period.

WATER QUALITY CERTIFICATION:

I hereby issue an Order amending the existing Clean Water Act, Section 401 Technically Conditioned Water Quality Certification for the 2018 UARP Maintenance Activities Project (WDID#5A09CR00136Y2A1). All other conditions and provisions of the original Water Quality Certification and any previously approved amendments remain in full force and effect, except as modified based on the conditions of this Order. Failure to comply with the terms and conditions of the original Water Quality Certification, previously approved amendments, or of this Order may result in suspension or revocation of the Water Quality Certification.

Original Signed By Adam Laputz for:

Patrick Pulupa
Executive Officer

cc: [Via email only] (w/enclosure)

Peck Ha (SPK-2013-01098)
United States Army Corps of Engineers
Sacramento District Headquarters
SPKRegulatoryMailbox@usace.army.mil

Sam Ziegler
United States Environmental Protection Agency
Ziegler.Sam@epa.gov

Bob Hosea (1600-2014-0190-R2)
California Department of Fish and Wildlife
R2LSA@wildlife.ca.gov

CWA Section 401 WQC Program
Division of Water Quality
State Water Resources Control Board
StateBoard401@waterboards.ca.gov

Ethan Koenigs
Sacramento Municipal Utility District
Ethan.Koenigs@smud.org

cc: (w/enclosure)

Bill Jennings
CA Sportfishing Protection Alliance
3536 Rainier Avenue
Stockton, CA 95204