

DEPARTMENT OF WATER RESOURCES

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**SENT VIA EMAIL AND REGULAR MAIL**

December 9, 2015

Ms. Leslie Gallagher, Executive Officer
Central Valley Flood Protection Board
3310 El Camino Avenue, Room 151
Sacramento, California 95821

Subject: 33 USC §408 Request for the California WaterFix Project, Levee Intake Project.

Dear Ms. Gallagher:

The California Department of Water Resources (DWR) is seeking permission from the U.S. Army Corps of Engineers (USACE) pursuant to 33 USC §408 (Section 408) for alteration of the Sacramento River Flood Control Project and San Joaquin River and tributaries project for proposed Intake and Sedimentation facilities, head of Old River barrier and associated mitigation for the California WaterFix Project. We request your assistance in pursuing this permission by reviewing the enclosed documents and forwarding our request to the USACE Sacramento District. Included is a letter to the USACE, a project description, table of coordinates, a map of the area and sample designs for the intakes and barrier.

DWR is proposing to construct three Intake and Sedimentation Facilities located on the east bank of the Sacramento River between Clarksburg and Courtland. Head of Old River barrier is located on Old River. Please refer to Conceptual Engineering Report located at this link: <http://baydeltaconservationplan.com/Libraries/Dynamic Document Library/Conceptual Engineering Report-Modified Pipeline Tunnel Option-Clifton Court Forebay Pumping Plant.sflb.ashx>

The purpose of the proposed project is to improve water supply reliability in conjunction with ecosystem improvements to significantly reduce reverse flows and direct fish species impacts associated with the existing South Delta intakes. The proposed project will require lands to be acquired by non-Federal interests, and will not require any lands owned by the USACE. Once approved and constructed, these intakes would become part of the State Water Project and will be maintained in perpetuity by DWR.

The main components of the Intake Facilities include:

- On-bank intake screening structures that divert flow from the Sacramento River.
- Collector box conduits that funnel the flow to the sedimentation basins. Flow meters and flow control sluice gates located on each box conduit assure limitations on approach velocities and flow balancing between the three Intake Facilities is achieved. Isolation drop gates allow for maintenance of the flow meters and flow control sluice gates.

- A sedimentation system that includes sedimentation basins that provide for the settling and removal of sandy material and coarse silts prior to the flow entering the conveyance tunnels and a sedimentation outlet structure that connects the Intake Facilities to the North Conveyance Tunnels.

Intakes will be on-bank structures with fish screens similar to the Sacramento River intakes owned by the Freeport Regional Water Authority, Glenn-Colusa Irrigation District, and Tehama-Colusa Canal Authority. Each of the three Modified Pipeline/Tunnel Options with Clifton Court Option sites will vary slightly in terms of bathymetric conditions and design river levels.

Approval under Section 404 of the Clean Water Act is anticipated to be required for the proposed alterations. DWR submitted a Section 404 application on August 25, 2016.

Questions regarding this request can be made to Michael Bradbury, Program Manager, Permitting, California WaterFix Program, (916) 651-2987.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark W. Cowin".

Mark W. Cowin
Director

cc: (see attached list)

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