

**Meeting of the Central Valley Flood Protection Board  
November 16, 2018**

**Staff Report**

**Tisdale Weir Rehabilitation and Fish Passage Project  
Request to Initiate Project Review Pursuant to Title 33, USC Section 408**

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**1.0 – ITEM**

Consider approval of a letter (Attachment A) to the U.S. Army Corps of Engineers (USACE), pursuant to federal Title 33, USC Section 408, requesting initiation of, in cooperation with the California Department of Water Resources (DWR) and other federal agencies, a joint review of a possible structural rehabilitation to the Tisdale Weir and a modification to allow for fish passage along the left bank of the Sacramento River at the start of the Tisdale Bypass in Sutter County.

**2.0 – PROJECT PROPONENT**

California Department of Water Resources

**3.0 – PROJECT LOCATION**

The Tisdale Weir is located on the east levee (left bank) of the Sacramento River approximately ten miles southeast of the town of Meridian and about 56 miles north of Sacramento in Sutter County.

**4.0 – PROJECT DESCRIPTION**

The purpose of this project is to structurally rehabilitate the Tisdale Weir and provide fish passage. DWR is proposing to rehabilitate the weir by replacing or rehabilitating the wing walls, identifying and filling voids under the existing weir, retrofitting the energy dissipation basin for structural integrity while providing a fish holding area, and installing a new notch through the weir with connection to the Sacramento River via an operable weir structure. Proposed work may include full or partial degrade of the existing weir, and modifications to impacted infrastructure (e.g. levees, roads, and utilities).

The Board, on behalf of the State of California, does not anticipate seeking credit for the proposed work under Section 221 of the Flood Control Act of 1970. Approval under Section 404 of the Clean Water Act is anticipated to be required for the proposed work.

The proposed project will require lands owned by the non-Federal sponsor and will not require any lands owned by the USACE.

## **5.0 – STAFF RECOMMENDATIONS**

Staff recommends the Board:

- **Approve:** The draft letter to the USACE in substantially the form provided; and
- **Delegate:** The Executive Officer to sign and send the letter to the USACE

## **6.0 – LIST OF ATTACHMENTS**

- A. Draft Letter to the USACE
- B. DWR Letter of Intent request
- C. Project Map

Document Preparation: Greg Harvey, PE, Board Staff  
Acting Plan Implementation and Compliance Branch Chief

Document Review: Michael Wright, PE, Acting Chief Engineer

**CENTRAL VALLEY FLOOD PROTECTION BOARD**

3310 El Camino Ave., Ste. 170  
SACRAMENTO, CA 95821  
(916) 574-0609 FAX: (916) 574-0682



November 16, 2018

Colonel David G. Ray, P.E.  
District Commander  
U.S. Army Corps of Engineers, Sacramento District  
1325 J Street  
Sacramento, California 95814

Subject: Request to initiate project review pursuant to Title 33, USC Section 408 for the Tisdale Weir Rehabilitation and Fish Passage Project.

Dear Colonel Ray:

Pursuant to Title 33, USC Section 408 (Section 408) as described by the U. S. Army Corps of Engineers (USACE) Engineering Circular 1165-2-220, Section 408, Paragraph 11 a. (Basic Requirements for a Complete Section 408 Request) the Central Valley Flood Protection Board (Board) offers a "Statement of No Objection" to initiate the Section 408 process for the joint review of possible alterations to the Tisdale Weir in Sutter County.

As the non-federal sponsor for the project, the Board is aware of the scope of the Section 408 request and supports the request being submitted for review. The proposed Tisdale Weir and Fish Passage Project is a multi-benefit project that intends to restore useful life of the existing Tisdale Weir while also addressing known fish stranding at the weir. The project is consistent with the recommendations of the 2017 Central Valley Flood Protection Plan Update. This project has received full funding, partially from Proposition 1 (Assembly Bill 1471 Water Quality, Supply, and Infrastructure Improvement Act of 2014) and partially from the California Department of Water Resources (DWR) deferred maintenance general fund.

Proposed work may include rehabilitating in-place or replacing the weir wing walls, identifying and filling voids under the existing weir, retrofitting the energy dissipation basin for structural integrity while providing a fish holding area, and installing a new notch through the weir with connection to the Sacramento River via an operable weir structure.

The proposed project is currently not part of an ongoing or authorized Federal study and is not eligible for credit under Section 221 of the Flood Control Act of 1970. Therefore, the Board is not seeking Section 221 credit. Approval under Section 404 of the Clean Water Act is anticipated to be required for these proposed alterations. The proposed project will require lands owned by the nonfederal sponsor and will not require any lands owned by the USACE.

On behalf of DWR, the Board requests the USACE, in cooperation with other federal agencies to initiate a joint review of possible alterations for the proposed project. The Board, on behalf of DWR, will seek approval from the USACE to make necessary alterations to the weir to achieve the project purpose.

Colonel David G. Ray  
November 16, 2018  
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Thank you for your attention to this request. We look forward to working with you and your staff on this project. If you have any questions regarding this request, please contact Mr. Greg Harvey of my staff at (916) 574-0454 or by email at [greg.harvey@cvflood.ca.gov](mailto:greg.harvey@cvflood.ca.gov).

Sincerely,

Leslie M. Gallagher  
Executive Officer

Enclosure: 33 USC § 408 Request from DWR Flood Maintenance Office dated October 16, 2018

cc: (via electronic file)

Mr. Jon Ericson, Chief  
Division of Flood Management  
California Department of Water Resources

Mr. Michael Sabbaghian, Chief  
Flood Maintenance Office  
Division of Flood Management

**DEPARTMENT OF WATER RESOURCES**

DIVISION OF FLOOD MANAGEMENT  
P.O. BOX 219000  
SACRAMENTO, CA 95821-9000



October 16, 2018

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

Subject: Request for Tisdale Weir Rehabilitation and Fish Passage 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 Title 33 UCS Section 408 for alteration of a Sacramento River Flood Control Project feature. We request your assistance in pursuing this permission by forwarding our request to the USACE Sacramento District.

DWR is proposing to structurally rehabilitate the existing Tisdale Weir and provide a modification to allow for fish passage. Tisdale Weir was built in 1931 and is an 1,150 foot-long weir located on the left bank of the Sacramento River in Sutter County.

Proposed work may include replacing or rehabilitating the wing walls, identifying and filling voids under the existing weir, retrofitting the energy dissipation basin for structural integrity while providing a fish holding area, and installing a new notch through the weir with connection to the Sacramento River via an operable weir structure.

The proposed project will require use of lands owned by Sacramento San Joaquin Drainage District and the State of California. It will not require the use of lands owned by USACE.

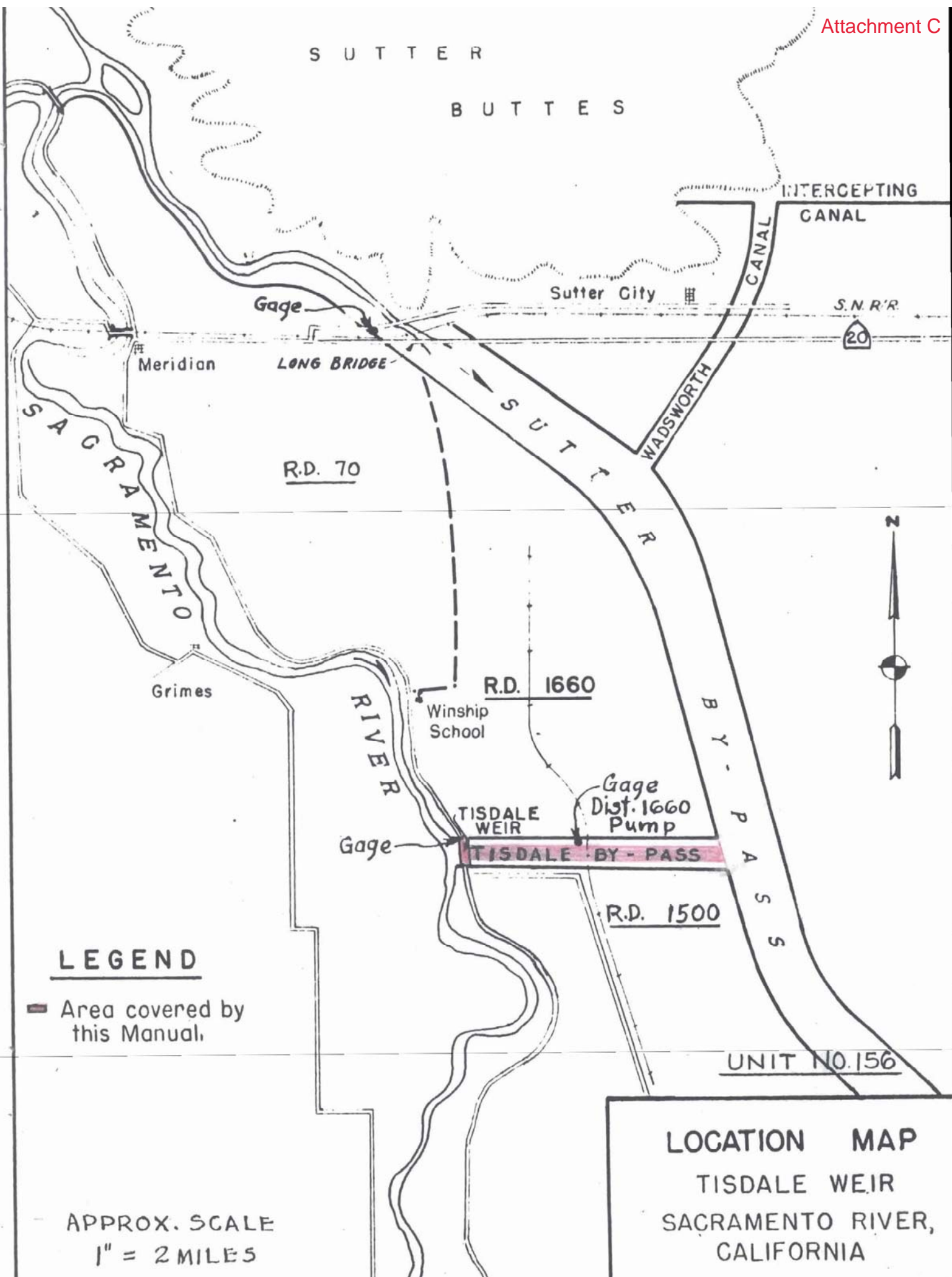
If you have any questions, please contact Eric McGrath of my staff at (916) 574-2243.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael Sabbaghian".

Michael Sabbaghian, Chief  
Flood Maintenance Office

S U T T E R  
B U T T E S



**LEGEND**

■ Area covered by this Manual.

APPROX. SCALE  
1" = 2 MILES

**LOCATION MAP**  
TISDALE WEIR  
SACRAMENTO RIVER,  
CALIFORNIA