

**CENTRAL VALLEY FLOOD PROTECTION BOARD**

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July 24, 2024

Emily Pappalardo  
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**Subject: Comments for the Initial Study/Mitigated Negative Declaration, Georgiana Slough Erosion Control and Habitat Enhancement Project, SCH# 2024061227, Sacramento County**

Dear Emily Pappalardo,

The Central Valley Flood Protection Board (Board) appreciates the opportunity to comment on the Initial Study/Mitigated Negative Declaration (IS/MND) for the Georgiana Slough Erosion Control and Habitat Enhancement Project (proposed project).

The proposed project involves vegetation maintenance; mature tree removal; and constructing a new levee slope by excavating material on waterside of the levee to place on the landside of the levee, placing rip rap/rock slope protection and soil from Decker Island for erosion control on the waterside of the levee, and creating a wetland habitat bench at the toe of the right bank levee. The proposed project is located in Georgiana Slough, a federally regulated stream that is within the Board's permitting authority, thereby requiring an encroachment permit.

An overview of the proposed project's levee slope and bench construction is provided in Section 2.2.4 of the IS/MND. California Code of Regulations, Title 23, Section 120 provides the regulatory requirements for levee construction, reconstruction, raising, enlarging, and modifications to Board standards.

The IS/MND states in Sections 2.2.3 and 4.1.2 that vegetation maintenance, mature tree removal, and tree trimming will occur as project activities. California Code of Regulations, Title 23, Section 131 provides the regulatory requirements for maintenance, planting, and removal of vegetation. Specifically, Section 131(l) of the California Code of Regulations states that "trees removed from the levee and from within ten feet of the levee shall have all roots larger than 1.5 inches in diameter removed for a distance of at least 3 feet from the tree trunk at ground level and the hole filled with impervious soil compacted in 4-6 inch lifts." In addition, it is recommended that you refer to California Code of Regulations, Title 23, Section 131 when completing restoration work. Board staff may require a planting plan to be submitted for review and approval prior to commencement of restoration work for vegetation plantings.

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Further, the IS/MND states in multiple sections (e.g., Sections 1.1, 2.2.4, 4.4.2) that rip rap and rock slope protection will be placed on the waterside slope to reduce erosion and create a habitat bench. Please refer to California Code of Regulations, Title 23, Section 121 for the erosion control methods required to meet the Board's standards.

### **Responsibility of the Central Valley Flood Protection Board**

The Board is the State's regulatory agency responsible for enforcing appropriate standards for the construction, maintenance, and operation of the flood control system that protects life, property, and habitat in California's Central Valley. The Board serves as the State coordinator between local flood management agencies and the federal government, with the goal of providing the highest level of flood protection possible to California's Central Valley.

The Board operates under authorities as described in California Water Code (Water Code), which requires the Board to oversee future modifications or additions to facilities of the State Plan of Flood Control (SPFC). In addition, pursuant to assurances provided to the United States Army Corps of Engineers (USACE) by the Board on behalf of the State, the USACE Operation and Maintenance Manuals, Code of Federal Regulations, Title 33, Section 208.10, and United States Code, Title 33, Section 408, the Board is responsible for the operation and maintenance of the SPFC facilities. The USACE requires the Board to serve as the lead non-Federal sponsor for projects to improve or alter facilities of the SPFC pursuant to Code of Federal Regulations, Title 33, Section 408. The State's objectives include fulfilling the USACE's expectations pursuant to the assurances provided to the USACE.

### **Encroachment Permit**

Per California Code of Regulations, Title 23, Waters, Division 1 (Title 23), Section 6, approval by the Board is required for all proposed work or uses, including the alteration of levees within any area for which there is an Adopted Plan of Flood Control within the Board's jurisdiction. In addition, Board approval is required for all proposed encroachments within a floodway, on adjacent levees, and within any Regulated Stream identified in Title 23, Table 8.1. Specifically, Board jurisdiction includes the levee section, the waterward area between project levees, a minimum 10-foot-wide strip adjacent to the landward levee toe, the area within 30 feet from the top of bank(s) of Regulated Streams, and inside Board's Designated Floodways. Activities outside of these limits which could adversely affect Federal-State flood control facilities, as determined by Board staff, are also under the Board's jurisdiction. Permits may also be required for existing unpermitted encroachments or where it is necessary to establish the conditions normally imposed by permitting, including where responsibility for the encroachment has not been clearly established or ownership or uses have been changed.

Federal permits, including USACE Section 404 and Section 10 regulatory permits and Section 408 Permission, in conjunction with a Board permit, may be required for the proposed project. In addition to federal permits, state and local agency permits, certification, or approvals may also be required. State approvals may include, but are not limited to, California Department of Fish and Wildlife's Lake and Streamed Alteration Agreement and Central Valley Regional Water Quality Control Board's Section 401 Water Quality Certification and/or Waste Discharge Requirement. The Applicant must obtain all authorizations that the proposed project may require.

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### **Flood Impacts Analysis**

Pursuant to Section 15 of Title 23, the Board may deny an encroachment permit if the proposed project could:

- Jeopardize directly or indirectly the physical integrity of levees or other works
- Obstruct, divert, redirect, or raise the surface level of design floods or flows, or the lesser flows for which protection is provided
- Cause significant adverse changes in water velocity or flow regimen
- Impair the inspection of floodways or project works
- Interfere with the maintenance of floodways or project works
- Interfere with the ability to engage in flood fighting, patrolling, or other flood emergency activities
- Increase the damaging effects of flood flows
- Be injurious to, or interfere with, the successful execution, functioning, or operation of any adopted plan of flood control
- Adversely affect the State Plan of Flood Control, as defined in the California Water Code

The Board, as a Responsible Agency under the California Environmental Quality Act (CEQA), will review and consider the environmental effects of the proposed project identified in the IS/MND, and will reach its own conclusions on whether and how to approve the project involved (14 CCR 15096, subd. (a)). This includes direct impacts to facilities under construction, as well as indirect impacts from the proposed project to surrounding facilities. Accordingly, the comments herein are intended to assist in the development of a robust CEQA document capable of supporting the Board's permitting process.

### **Closing**

The potential risks to public safety, including increased flood risks, need to be considered when developing proposed projects that seek to modify flood control works or the hydrology of the water ways. Board staff is available to discuss any questions you have regarding the above comments. Please contact Jordan Robbins at (916) 524-3454, or via email at [Jordan.Robbins@CVFlood.ca.gov](mailto:Jordan.Robbins@CVFlood.ca.gov) if you have any questions.

Sincerely,

*Andrea Buckley*

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Deputy Executive Officer

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