



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT
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Operations and Readiness Branch

FINDING OF NO SIGNIFICANT IMPACT
408 Permission # 19037
Central Valley Flood Protection Board
To Reclamation District 108 for the
Knights Landing Outfall Gate Project (KLOG)
Yolo County, California

I have reviewed and evaluated the information presented in the Environmental Assessment prepared for the KLOG project located in Yolo County, California. Reclamation District 108 (RD 108) has requested an encroachment permit from the Central Valley Flood Protection Board (CVFPB) to install a positive fish barrier (fish weir) on the downstream side of the Knights Landing Outfall Gates in the Colusa Basin Drain (CBD) as well as place a small amount of riprap on the right bank of the CBD immediately downstream of the KLOG. In compliance with U.S.C. Title 33, Chapter 9, Subchapter 1, Section 408, the CVFPB has requested permission from the Corps of Engineers (USACE) to modify an existing Federal authorized flood risk reduction project.

Currently, adult salmon may be able to enter the CBD through the KLOG when certain flow velocities are met that attract migrating salmon. Once salmon enter the CBD, there is no upstream route for salmon to return to the Sacramento River, and the fish perish and are lost from production. Construction of the barrier on the downstream side of the KLOG would have the primary purpose of preventing salmon entry into the CBD while maintaining outflows. A secondary element of the proposed action is to address an existing erosion site on the right bank of the channel, immediately downstream of the KLOG structure. The erosion site has formed as a result of water eddying after it passes through the gates, which has scoured the soil out from between the KLOG foundation and the right bank. The proposed action would include repairs to the site that would prevent erosion of the structure foundation and further erosion of the bank, which is a Federal project levee.

The environmental effects of the entire project have been coordinated with the U.S. Fish and Wildlife Service, National Marine Fisheries Service, California State Historic Preservation Officer, the Department of Water Resources, and CVFPB.

Having reviewed the information provided by the applicant and all interested parties and an assessment of the environmental impacts, I find that this permission will not have a significant long-term effect on environmental, social, or cultural resources. Additionally, the project will not impair the usefulness of the Federal Project and is not injurious to the public. Based on these considerations, I am convinced that there is no need to prepare an environmental impact statement. Therefore, an EA and Finding of

No Significant Impact provide adequate environmental documentation to grant 408 permission for the proposed action.

A handwritten signature in blue ink, appearing to read "Randy P. Olsen", is written over a horizontal line.

Randy P. Olsen
Chief, Operations and Readiness Branch