

CENTRAL VALLEY FLOOD PROTECTION BOARD

EXECUTIVE OFFICER'S REPORT

July 22, 2016



PLAN IMPLEMENTATION AND COMPLIANCE BRANCH

Status Report and Work Activities (June 27 – July 22)

Sacramento River Basin Flood System Alteration Projects and Planning Activities

- **Department of Water Resources (DWR) Yolo Bypass (Elkhorn Basin) Flood System Improvements**
 - Branch and other Board staff meet regularly through several sub-teams of DWR's Yolo Bypass Implementation Team to collaborate with DWR, the U.S. Army Corps of Engineers (USACE), and local stakeholders to plan and design proposed 408 flood system alterations in the Yolo Bypass. Board member Countryman joined the review team this month. Staff is recommending that the Board request USACE 33 USC Section 408 (Section 408) review of the potential project at the July 22 Board meeting.
 - Branch staff serves on a Geotechnical Working Group to strategize and plan various geotechnical exploration methods including drilling, cone penetration testing soundings, and soil resistivity surveys. Explorations off of federal project levees are underway. Future explorations within federal levees may require separate encroachment permits, which will be coordinated with DWR and USACE as needed.
 - DWR requested staff to review and provide comments on a draft Subsurface Investigation Work Plan which will guide DWR's geotechnical investigation program for the project. Staff will provide comments shortly.
- **Sacramento Area Flood Control Agency (SAFCA)**
 - SAFCA North Sacramento Streams (NSS) / Sacramento River East Levee (SREL) 408 Coordination – The Final Environmental Impact Report and Mitigation Monitoring and Reporting Program for the North Sacramento Streams, Sacramento River East Levee, Lower American River, and Related Flood Improvements Project is scheduled for certification by the SAFCA Board at its July 2016 meeting.
 - North Sacramento Stream (NSS) Levee Improvement Project – Staff received two encroachment permit applications for utility relocations prepared by SAFCA on behalf of the utility applicants. Approximately 20 applications are anticipated in the coming months. These relocations are needed prior to the construction of the cutoff wall, and are critical for timely project completion. Staff is working with consultants to review the proposed relocations.

- Sacramento River East Levee (SREL) Improvement Project – The 65% design is underway and is scheduled for completion by mid-July 2016 for Board of Senior Consultants and internal review. Board permits may be required to conduct geoarcheological investigations which will provide information on soil conditions needed to design and install relief well systems. Construction is presently scheduled for 2018 or 2019.
- **Three Rivers Levee Improvement Authority (TRLIA)**
 - Western Pacific Interceptor Canal (WPIC) Levee Improvements – The Board approved two Section 408 flood system alteration permits, 19020 and 19020-1 on May 20. Staff issued Permit 19020-1 to construct landside improvements on June 9, and anticipates USACE Section 408 approval of Permit 19020 by the end of July or in early August to construct the cutoff walls. Staff attended a pre-construction meeting in Marysville on July 6. TRLIA is preparing a drilling request for soil sampling for the cutoff wall mix design in the next few weeks.
 - Upper Yuba Levee Improvement Project (UYLIP) – Staff is coordinating with DWR on partial Early Implementation Program (EIP) funding agreement closeout, and will also collaborate on transfer of Operations and Maintenance responsibilities to Reclamation District 784 in the near future.
- **USACE Interim Operations and Maintenance (O&M) manual for the South Sacramento County Streams project**
 - Staff continues to coordinate with USACE, DWR Division of Flood Management, and SAFCA staffs to transfer Interim Operation and Maintenance responsibilities for the South Sacramento Streams Project to the Local Maintaining Agencies (LMAs). A stakeholder meeting is scheduled in July to address outstanding issues. A Board action is planned for the August 26 Board meeting to transfer interim O&M duties to the LMAs.

San Joaquin River Basin and Delta Flood System Alteration Projects and Planning Activities

- **Lower San Joaquin River Feasibility Study**
 - Staff participates in weekly USACE coordination meetings to prepare a Feasibility Report for USACE South Pacific Division approval in advance of a Civil Works Review Board anticipated to be held in December 2016.
- **Smith Canal Project Design Team**
 - Staff participated in meetings of the Smith Canal Project Development Team and Independent Panel of Experts (IPE) on July 12. Features of the 30% design were presented, and IPE comments and design team responses were discussed. Staff recommended that the San Joaquin Area Flood Control Agency update the Board at a

future Board meeting. The Smith Canal Project is included in the USACE Lower San Joaquin River Feasibility Study's recommended project.

- **RD 2062, River Islands Phase II Project**

- Staff will meet with USACE and project proponents on July 20, 2016 on the River Islands Phase II Project. The proposed project includes residential development, a commercial complex, and numerous recreational facilities on waterways adjacent to Stewart Tract in San Joaquin County. The project also features habitat restoration and enhancement areas, and a levee set-back and channel improvements to reduce flood risk.

Other Branch Activities

- **Coordination with Division of Flood Management**

- Branch Chief level coordination with the Division's Flood Risk Reduction Branch seeks to improve coordination of Board briefings and actions for USACE Studies and Projects.

- **Staff Training**

- The Branch Chief attended SIMS/NIMS (Standardized Emergency Management System and National Incident Management System) training in June. The training will allow staff to assist DWR's Flood Operation Center during high water events.

Section 408 Flood System Alteration Projects Summary

Table 1 presents a summary of 408 flood system alteration projects in which the Branch staff is actively engaged in either pre-application coordination with the applicant and USACE, or review of a submitted permit application.

Table 1: Status of 408 Flood System Alteration Permit Applications				
Agency	Project	Board Review	USACE	
			Review	Level
DWR	Yolo Bypass Lower Elkhorn Basin	Pre-app coordination began Mar 2016	USACE engagement request July 22	HQ
RD 17	Phase III Project	408 request to USACE Sep 2014	revised 65% design review in progress	HQ
RD 2062	River Islands Phase II	Early review of pre-project grading plans	Meeting on July 20	To be determined
SAFCA	North Sac Streams levee accreditation	408 request to USACE November 2015	design work in progress, construct in 2017	HQ
SBFCA	Project Area C Gaps	Permit conditionally approved May 20	408 decision anticipated late June	District
SBFCA	Laurel Avenue Repair Project	Permit conditionally approved June 24	408 decision anticipated late July	District
SBFCA	Oroville Wildlife Area	awaiting draft environmental docs	awaiting draft environmental docs	To be determined
TRLIA	WPIC 200-Year (cutoff walls)	Permit conditionally approved May 20	408 permission anticipated mid-July	HQ
WSAFCA	Southport	Permit hearing July 22	408 decision anticipated late July	HQ

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