

Central Valley Flood Protection Board Meeting  
May 28, 2021

INFORMATIONAL BRIEFING

2022 Central Valley Flood Protection Plan Update  
(Mary Jimenez, Department of Water Resources  
Christopher Williams, Department of Water Resources)

**BRIEFING SUMMARY**

Mary Jimenez with the Department of Water Resources (DWR) Systemwide Multi-Benefit Initiatives Branch, and Christopher Williams with the DWR Division of Flood Management, will provide a briefing on development of the 2022 Central Valley Flood Protection Plan (CVFPP) Update. This briefing will provide an overview of 1) Deferred Maintenance and Operations, Maintenance, Repair, Rehabilitation, and Replacement (OMRR&R) and 2) Performance Tracking and Outcome-Based Planning.

Deferred Maintenance and OMRR&R

In preparation of the 2017 CVFPP Update, DWR convened a workgroup with the CVFPB and LMAs, among others, to develop a strategy and approach for estimating long-term OMRR&R costs for the State Plan of Flood Control (SPFC). Outcomes of this workgroup informed a Technical Memorandum, which categorized costs into the following categories:

- Urban Levee O&M and RR&R
- Non-Urban Levee O&M and RR&R
- Channel Sediment Removal
- Channel Vegetation and Debris Removal
- Channel Giant Reed Removal
- Minor Structure O&M and RR&R
- Major Structure O&M and RR&R

The workgroup estimated that \$130 million is needed annually for OMRR&R, \$100 million more than what had been previously expended on OMRR&R. This estimate included the responsibilities of the State, LMAs and RDs. To address the shortfall on OMRR&R, the workgroup recommended the creation of a tracking system for OMRR&R activities and spending as a means to document deferred maintenance needs, implementation of strategies to streamline permitting, exploration of funding opportunities through multi-benefit actions, and to establish adequate and reliable OMRR&R funding. A summary of needed investment in OMRR&R was included in the 2017 CVFPP Update. As a result of the 2017 OMRR&R efforts and advocacy from local and regional stakeholders, DWR Flood Maintenance Office (FMO) received \$25 million per year increase in baseline funding and approximately \$200 million one-time appropriations for deferred maintenance and emergency rehabilitation through the Legislative process in coordination with Department of Finance (DOF). Additionally, CVFPB Resolution No. 2018-06 confirmed the State's SPFC OMRR&R standards and highlighted the need for LMAs to reach PL 84-99 compliance status.

The CVFPP Update team is currently working with regional stakeholders to quantify and further describe deferred maintenance funding needs in anticipation of future State appropriations when available. To prepare for the 2022 CVFPP Update, DWR will develop a deferred maintenance evaluation methodology and working definition. While the workgroup assembled for the 2017 CVFPP Update will not be reconvened, the Technical Memorandum data will be updated based on feedback from RFMPs and FMO on OMRR&R costs. Updates will include recent OMRR&R unit cost updates, updated investment category names, and an estimate of deferred maintenance. This information will inform Chapters 3 and 4 of the 2022 Update.

### Performance Tracking and Outcome-Based Planning

In the 2017 CVFPP Update, DWR introduced a performance tracking effort to inform CVFPP management actions, enable evolution toward achieving resilience, and implement a system of accountability to demonstrate return on investment for taxpayers.

For the 2022 CVFPP Update, the performance tracking effort will be advanced and updated, integrating existing metrics and data to inform continued flood management planning and investment. To measure outcomes, tracking metrics are sorted into four categories based on scale:

- Sustainability at State level through actions like the California Water Plan and the Water Resilience Portfolio
- Societal benefits at the watershed or regional level through the CVFPP
- Assets and actions at the project or local level, being measured by specific projects, like the Yolo Bypass improvements
- Enabling conditions through policy and application of institutional resources.

The 2022 Update will align and integrate content from the Conservation Strategy that outlined a performance tracking effort by ecological goals and the associated metrics to measure their success. The Conservation Strategy performance tracking effort for the 2022 CVFPP Update will track implementation progress by Conservation Planning Areas (e.g., Mid-Upper Sacramento River, Feather River, Lower Sacramento River/Delta North, Lower-Mid San Joaquin River/Delta South, and Upper San Joaquin River).