

State Water Project
2018 Annual Review
Final Draft

Proposed Findings

- As California moves forward with sustainable groundwater management, managed aquifer recharge could be an important strategy for improving groundwater storage and recharging depleted aquifers;
- DWR is modernizing its organizational structure and utilizing an asset management approach. These efforts will help to incorporate aging infrastructure and climate change into decisions regarding maintenance and updating facilities;
- DWR has kept the Commission apprised of its efforts to improve dam safety;
- DWR has taken significant steps to address climate change, including modeling the impacts and assessing the vulnerability of the SWP to climate change;

Findings, continued

- Improvements in watershed function, or green infrastructure, could aid in the operation of the SWP. Cooperative relationships to manage and monitor watersheds will be important to realizing such improvements.
- DWR continues to make progress in reducing its greenhouse gas emissions from SWP operations;
- DWR efficiently performed repairs to the Lake Oroville flood control spillway and emergency spillways by November 1, 2018, to handle flows of up to 270,000 cubic-feet per second in advance of the 2018-19 rain season;
- The cost to date of the Oroville reconstruction and emergency response is \$1.1 billion (\$940 million for reconstruction and \$116 million for emergency response);

Proposed Recommendations

- DWR should keep the Commission apprised on the role of the SWP as conveyance in support of increasing groundwater recharge efforts in the State;
- DWR should update the Commission on continuing work performed through the Dam Safety Program including the status of emergency planning in communities within the inundation areas of SWP dams;
- DWR should inform the Commission on the continued use of Asset Management and key SWP maintenance and infrastructure investments, including those in response to any identified SWP climate change vulnerabilities.;
- DWR should keep the Commission apprised on efforts leading to operational adaptations to the effects of climate change, such as updates to watershed hydrologic studies;

Recommendations, continued

- DWR should brief the Commission if or when efforts or activities are undertaken to cooperatively manage green infrastructure in relation to SWP operations;
- DWR should continue to brief the Commission on progress in achieving greenhouse gas reduction goals and the SB 100 requirement that state agencies use 100% emissions-free electricity by 2045;
- DWR should update the Commission on the status and schedule for a Delta conveyance project.