THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Report

Office of the General Manager

- **Bay-Delta Management Report**

Summary

This report provides a summary of activities related to the Bay-Delta for January 2019.

Purpose

Informational

Detailed Report

Joint Powers Authorities

Both the Delta Conveyance Design and Construction Authority (DCA) and the Delta Conveyance Finance Authority (Finance Authority) held meetings on January 17, 2019. The DCA authorized extending the contract with Hallmark Group for transition related project management services as the DCA seeks an executive director and program management services. A special meeting of the DCA will be held on January 31, and the next regularly scheduled meeting will be held on February 21, 2019. The Finance Authority Board unanimously approved membership for the Coachella Valley Water Agency. The Finance Authority now includes 11 agencies representing approximately 68 percent of South of the Delta State Water Project Table A contract amount. The Finance Authority authorized negotiations with Olivarez Madruga Lemieux O'Neill for general counsel services. The next meeting of the Finance Authority is scheduled for February 21, 2019.

Near-Term Delta Actions

Science Activities

The Salmon Predation Study funded by a California Department of Fish and Wildlife grant and Metropolitan was completed this month. The study findings suggest that for a commonly occurring predator in the Delta, largemouth bass, there were significant increases in predation of juvenile salmon due to interactions with submerged aquatic vegetation. Both largemouth bass and submerged aquatic vegetation are common in the Delta, and these study results may inform possible management actions that could benefit Chinook salmon survival. Staff is working with the investigators to complete a draft manuscript for publication.

Staff worked with DWR to film a short documentary video on the EcoRestore initiative to highlight the value and purpose of this large restoration effort and the benefits it will bring to the Delta. The video will be highlighted on the DWR website. Metropolitan supports the EcoRestore effort, and staff is working with the state and federal agencies to use science to develop projects that focus on restoring habitat function and process to support fish and wildlife species.

Staff continued participating in the Collaborative Science and Adaptive Management Program (CSAMP), including participation on the Collaborative Adaptive Management Team (CAMT). In January, CAMT received an update on the development of the Delta Smelt Science Plan and discussed comments and next steps for the process. CAMT also discussed a proposal from consultant Compass Resource Management Ltd., for a comprehensive and collaborative structured decision making process for Delta smelt actions. The 2019 work plan for CAMT includes focus on these two Delta smelt processes.

Staff is participating on the Interagency Ecological Program Flow Alteration Project Work team analyzing the data collected during the 2017 fall outflow studies focused on Delta smelt, and is reviewing the draft report. The fall outflow studies investigated the hypothesis that wet year conditions would improve population numbers for Delta smelt. Initial findings of the study suggest that despite the wet year conditions of 2017, an increase in the population of Delta smelt was not observed. Higher than average temperatures in the summer and fall of 2017 have been suggested as the reason for why the population of Delta smelt did not improve.

Date of Report: 2/12/2019

Staff participated in the Delta Independent Science Board (Delta ISB) workshops on January 10 and 11, to provide information on water supply reliability estimation methods for Delta water users, and to provide input on implementing recommendations from the Delta ISB Water Quality Review report.

Delta Emergency Preparedness

Delta Flood Emergency Management Plan

DWR executive briefings on the final Delta Flood Emergency Management Plan (DFEMP) have been completed and DFEMP documents are being circulated for final approval. DWR conducted a management level tour of completed emergency materials storage sites at Rio Vista and Stockton. Stockpiles and inventories include 535,000 tons of rock and other flood fight materials housed in existing and recently rehabilitated warehouses. Two new water access rock-loading facilities have been built at Stockton and access is available to existing rock loading facilities at Rio Vista. These facilities support barge transport of rock to emergency operations in the Delta.

Metropolitan Bay Delta Conservation Plan – California WaterFix & EcoRestore (BDCP/CWF-CER) Expenditures

The following is a summary of Metropolitan's cumulative BDCP/CWF-CER expenditures updated for the quarter ending December 2018. In April 2015, the California WaterFix & EcoRestore proposed approaches were defined. This report includes the total internal costs related to the BDCP as well as the CWF-CER alternatives. The reimbursable and non-reimbursable costs related to work under the Delta Conveyance Design and Construction Authority (DCA) are not included in this report.

Staff will continue to provide this report on a quarterly basis in the Bay Delta Management Report.

Total (July 2005 – December 2018)

BDCP/CWF-CER Internal MWD	**Total Costs (13.5 yrs.)**
Labor & Benefits [1]	$ 31.38M
Professional Services	$ 6.02M
Travel	$ 1.62M
Other [2]	$ 0.18M
SUBTOTAL	**$ 39.20M**
Administrative Overhead	$ 11.56M
TOTAL	**$ 50.76M**

[1] Labor costs include salary, leave and non-leave benefits
[2] Other include charges for materials and supplies, trainings & seminars, conferences & meetings, reprographics

Quarterly Summary (Oct 2017 – September 2018)

	FY17-18 Q3 Jan–Mar 2018	FY17-18 Q4 Apr-Jun 2018	FY18-19 Q1 Jul-Sep 2018	FY18-19 Q2 Oct-Dec 2018
Labor	0.909M	1.295M	0.737M	0.482M
Professional Services	0.264M	0.252M	0.104M	0.091M
Travel	0.046M	0.060M	0.051M	0.044M
Other	0.005M	0.003M	0.008M	0.003M
SUB-TOTAL	**1.224M**	**1.610M**	**0.900M**	**0.620M**
Admin. Overhead	0.301M	0.427M	0.246M	0.162M
TOTAL	**1.525M**	**2.037M**	**1.146M**	**0.782M**