

MEMORANDUM

September 20, 2023

TO: Reclamation District No. 2026

FROM: Nathan Hershey

SUBJECT: September 2023 Engineer's Report

Described below are the engineering items to be discussed at your September 20, 2023 meeting.

Subventions 2022-23 – The District submitted an application for participation in the Program in the amount of \$665,000. A total of \$12.5 million has been approved by the Central Valley Flood Protection Board for the Program for FY 2022-23.

Subventions 2023-24 – The District submitted an application for participation in the Program in the amount of \$665,000. A total of \$13 million has been approved by the Central Valley Flood Protection Board for the Program for FY 2023-24.

Future Subventions Funding – DWR has indicated that funding has not been secured yet for fiscal years 2024-25 and beyond. Delta advocates, including the California Central Valley Flood Control Association and others, are considering ways to increase awareness and gain support for securing funding for this highly successful and vital program.

Annual Maintenance – Attached are the current maintenance items we are tracking.

FEMA – MBK continues to coordinate with FEMA and is in the process of compiling documentation supporting the claim. Once all documentation has been provided, FEMA will submit the project to their management for review.

SB 88 – MWD is in the process of finalizing the purchase of the equipment as soon as possible for Phase 5 (remaining 51 sites). MBK contacted Wildeye regarding a reduced annual subscription fee due to the number of units, to which Wildeye was agreeable. MBK will continue to coordinate with Wildeye on this. The Phase 5 flow meters will be installed over the next two years due to the number of sites and levee projects that will continue through 2024. MBK created an installation schedule that should not interfere with the levee projects. In addition, MBK will supervise the levee work at sites with existing measurement equipment to ensure no damage occurs to these devices.

MWD and the RDs are in compliance for calendar year 2023 under an approved extension of time. The extension was approved by the Delta Watermaster on January 13th, 2022, and will expire on January 1st, 2024. As such, a new extension for time will need to be submitted prior to the 2023 annual reports in the beginning of December 2023. The previous extension of time included a Plan for Compliance which provides details regarding the methods to estimate diversions on siphons without flow meters and provides a measurement equipment installation schedule. MWD currently anticipates that installing all the flow meters will take two years.

The Delta-wide ACP by the Delta Measurement Experiment Consortium to utilize Open ET for measuring and reporting diversions will be used for the 2023 annual reports, due February 1, 2024. Place of use polygons for each island have been completed and will be used with Open ET to report on diversions, when metered data is not available. MBK and MWD continue to participate in the Consortium. The next meeting is Thursday, September 21st.

RD 2026 - Webb Tract

Issue Tracking Summary
September 16, 2023

Issue ID	Priority	Report Date	Reporter	Location	Issue Type	Description	Action	Field Notes
003	Medium	October 3, 2016 5:00 PM	Jaime Barajas	Station 614	Broken Equipment	Pump station platform pile appears to have buckled.	Repair	Dino to investigate and repair; Schedule TBD. See photos.
019	Medium	January 31, 2017 5:00 PM	Jaime Barajas	Station 614	Boil	Boil located near pump station	Investigate	Jaime to monitor. On 3/22/17 District forces coretrenched levee and found no cause for seepage.
050	Low	July 20, 2017 5:00 PM	Russ Ryan	Station 180	Crack	Possible small crack between WS crown and AB splash berm	Monitor	
061	Medium	January 19, 2018 1:00 AM	Dave Forkel	Station 164+60 False River Pump	Seepage	Seepage under discharge pipes. Ongoing problem.	Monitor	Investigate problem; This has been a long-term issue. 6/9/18 Photos received from Jaime; MBK investigating options for remediation
61.1		June 10, 2019 12:00 AM						Seepage berm construction complete. RD forces placed 6,026 cy of material. Continue to monitor.
069		July 10, 2018 12:00 AM	AndrewReece	Station 408	Sloughing	Approx. 200ft of rip rap sloughing	Monitor	
105	Medium	December 10, 2020 11:31 AM	Dave Forkel	Sta 378+00	Crack	40 ft crack in center of levee	Monitor	
106	Medium	February 3, 2023 10:13 AM	Dave Forkel	Sta 445+00	Boil	Boil about halfway down slope, toe very wet. Sandbags installed.	Investigate	Sandbags