

**MEMORANDUM**

August 21, 2024

**TO:** Reclamation District No. 2026

**FROM:** Nathan Hershey

**SUBJECT:** August 2024 Engineer's Report

Described below are the engineering items to be discussed at your August 21, 2024 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. A final claim was submitted in the amount of \$414,596.01.

**Subventions 2023-24** – The District submitted an application for participation in the Program in the amount of \$665,000. A total of \$14 million has been approved by the Central Valley Flood Protection Board for the Program for FY 2023-24.

**Subventions 2024-25** – The District submitted an application for participation in the Program in the amount of \$665,000. A total of \$14 million has been approved by the Central Valley Flood Protection Board for the Program for FY 2024-25.

**Future Subventions Funding** – DWR has indicated that funding has not been secured yet for fiscal years 2025-26 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. We have prepared a draft funding request letter for the RD to consider and possibly submit to state legislators.

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

**FEMA** – The District's claim is currently under review at FEMA. MBK will continue to check in with FEMA personnel regarding status updates. The total claim amount is \$65,256.11.

**SB 88** – All Phase 4 meters have been installed and certified by MBK Engineers. Data is currently being collected at 37 sites across all four islands. MBK will continue to monitor all sites monthly during the winter season and weekly during the irrigation season via Wildeye's website. All Wildeye units are currently working with the exception of Bouldin Island Siphon No. 30, which was damaged by driftwood (equipment will be reinstalled when Phase 5 installations occur at nearby siphons). All meters are currently working, with the exception of (1) Bouldin Island Siphon No. 2, (2) Bouldin Island Siphon No. 26, and (3) Bacon Island No. 25. See additional details below.

All Phase 5 flow meters were delivered and inventoried on Bacon Island. MWD has posted a bid package and will be requesting bids until September 19th for the installation of the Phase 5 meters. The Phase 5 telemetry equipment has been purchased, and will be delivered at the time of installation, following flow meter installations at each site.

On August 15th, MBK conducted a site visit to test and verify the accuracy of three meters across Bouldin and Bacon Islands which were due for recalibration. Bouldin Island Siphon Nos. 24 and 26 and Bacon Island Siphon No. 25 were all tested. Bouldin Island Siphon No. 24 did not present any issues and is pending final analysis of the measurement data prior to being recertified. Bouldin Island Siphon No. 26 and Bacon Island Siphon No. 25 both appeared to not be functioning and require further investigation; the meters were installed as a part of Phase 3 in 2020 and Phase 1 in 2017, respectively. Both meters are remnants of MWDs testing of different types of meters, with Bouldin Island Siphon No. 26 being an external ultrasonic meter and Bacon Island Siphon No. 25 being a saddle magnetic meter. It is recommended that both of these meters be replaced with the surplus meters purchased during the Phase 5 installation. In this case, a 14-inch conversion kit will need to be purchased for Bouldin No. 26.

MBK attended the Delta Drought Response Pilot Program (DDRPP) Forum on June 20th. At this forum the results of the 2023 DDRPP were presented and discussed. The Delta Conservancy has published the final report for the 2023 DDRPP on their website in July 2024. MBK will be reviewing the 2023 DDRPP report for any information pertinent to the MWD properties.

## RD 2026 - Webb Tract

Issue Tracking Summary  
August 19, 2024

Issue ID	Priority	Report Date	Reporter	Location	Issue Type	Description	Action	Field Notes
003	Medium	October 3, 2016 5:00 PM	JaimeBarajas	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	JaimeBarajas	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
107	Medium	October 18, 2023 12:48 PM	Jack Cronin	Station marker just north of fisherman's cut. Just on water side of marker. Can't see marker from water.	Sloughing	Sloughing, appears old. Not likely from earthquake.	Monitor	