

**MEMORANDUM**

January 29, 2025

**TO:** Reclamation District No. 2026

**FROM:** Nathan Hershey

**SUBJECT:** **January 2025 Engineer's Report**

Described below are the engineering items to be discussed at your January 29, 2025 meeting.

**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. A final claim was submitted in the amount of \$256,853.01.

**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.

**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 weekly via Wildeye's website. All Wildeye units are currently working with the exception of (1) Bouldin Island Siphon No. 30 and (2) Bouldin Island Siphon No. 24. Bouldin Island Siphon No. 30 was damaged by driftwood (equipment will be reinstalled when Phase 5 installations occur at nearby siphons). The data collected at Bouldin Island Siphon No. 24 is not being recorded correctly in Wildeye, which we believe is due to a configuration issue. MBK will reach out to Wildeye to try to resolve the issue. 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 Siphon No. 25. MBK worked with Technoflo to acquire a quote for a 14-inch conversion kit for Bouldin Island Siphon No. 26. MWD has reviewed the quote and requested that MBK make the purchase. MBK is currently reviewing the other meters before submitting the order in the event additional equipment is required.

Phase 5 flowmeter installations have begun on Bouldin Island with 6 flowmeters currently installed. Installations on Webb Tract will begin following the completion of Bouldin Island. A separate request for proposals will be opened at a later date for Bacon Island and Holland Tract. The Phase 5 Wildeye telemetry equipment has been purchased and will be delivered at the time of installation, following flowmeter installations at each site.

MBK has provided MWD staff with a draft summary technical report on the 2023 OpenET and measured diversion comparison for review and is developing a similar comparison for 2024.

MBK has prepared Water Year 2024 annual reports, which are currently under review by MWD staff. MWD staff will submit the 2024 annual reports prior to the February 1, 2025 deadline.

## RD 2026 – Webb Tract

### Issue Tracking Summary

January 24, 2025

Issue ID	Priority	Report Date	Reporter	Location	Issue Type	Description	Action	Field Notes
003	Medium	October 3, 2016 4:00 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 4:00 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 4:00 PM	Russ Ryan	Station 180	Crack	Possible small crack between WS crown and AB splash berm	Monitor	
061	Medium	January 19, 2018 12:00 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 9, 2019 11:00 PM						Seepage berm construction complete. RD forces placed 6,026 cy of material. Continue to monitor.
069		July 9, 2018 11:00 PM	AndrewReece	Station 408	Sloughing	Approx. 200ft of rip rap sloughing	Monitor	
105	Medium	December 10, 2020 10:31 AM	Dave Forkel	Sta 378+00	Crack	40 ft crack in center of levee	Monitor	
106	Medium	February 3, 2023 9:13 AM	Dave Forkel	Sta 445+00	Boil	Boil about halfway down slope, toe very wet. Sandbags installed.	Investigate	Sandbags
107	Medium	October 18, 2023 11:48 AM	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	