



Water Resources ♦ Flood Control ♦ Water Rights

MEMORANDUM

March 18, 2026

TO: Reclamation District No. 756

FROM: Nathan Hershey, Mike Kynett

SUBJECT: March 2026 Engineer's Report

Described below are the engineering items to be discussed at your March 18, 2026 meeting.

Subventions 2024-25 – The District submitted an application for participation in the Program in the amount of \$631,000. A total of \$16 million has been approved by the Central Valley Flood Protection Board for the Program for FY 2024-25. A final claim was submitted in the amount of \$233,909.13.

Subventions 2025-26 – The District submitted an application for participation in the Program in the amount of \$750,000. A total of \$16 million has been approved by the Central Valley Flood Protection Board for the Program for FY 2025-26.

Subventions 2026-27 – Applications for the Program are due April 1. Our recommendation is to submit an application similar to previous fiscal years.

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

Regional Flood Fight Supply Depot – No updates this month. We are still waiting for delivery of the flood fight materials.

FEMA – All closeout documentation has been completed and submitted to CalOES. MBK continues to coordinate with CalOES regarding additional requirements. The approximate total reimbursement to the District is expected to be \$29,008.

Special Projects – Construction of the Directed Action project to rehabilitate the north levee (BO-19-1-SP) is complete. We are working with DWR and CDFW to satisfy mitigation requirements. The funding agreement has been extended to December 31, 2027.

The design team is working on the final phase of the BO-17-1-SP project, which includes setting the levee back in the project area (Stations 500-550), creating a habitat bench, and relocating the pump station. At the January Board meeting, the District approved the public review draft Initial Study with Mitigated Negative Declaration (IS/MND), which ended on February 27, 2026. We have reviewed comments received from CDFW and CalGEM and responded to all comments, incorporating any necessary revisions to the IS/MND. There were no significant comments or major revisions to the document and we recommend adoption of the final CEQA document. The Board also approved submitting permit applications for a CDFW Lake or Streambed Alteration Agreement (LSAA), Water Board Section 401, and USACE Section 404, which have all been submitted. We have prepared and submitted a scope of work to the funding agreement that requires approval from DWR and CDFW. We are now preparing final design documents in expectation of publically bidding the work for construction.

We believe the current schedule will allow for bidding in Spring 2026 and beginning construction shortly after. Construction is expected to require two seasons, primarily due to the need to allow for consolidation of the soft foundation soils near the pump station and setback levee.

DWR has provided a funding agreement in the amount of \$900,000 for planning, permitting and design of a multi-benefit project from Stations 415-500 with a State cost share of 90%. The agreement (BO-24-1-SP) has been fully executed, and advance funding has been received. The project design is in progress. We have acquired topographic survey data and are working on a design configuration. Geotechnical exploration is complete as well as some environmental surveys.

SB 88 – MBK prepared Water Year 2025 annual reports in the new CalWATRS reporting system, and MWD submitted the reports prior to the February 1, 2026, deadline. MBK is currently preparing a draft summary technical report on the Water Year 2025 OpenET and measured diversion comparison, similar to the reports prepared for Water Year 2023 and Water Year 2024. The Water Measurement and Reporting Regulations have been updated by the State Water Resources Control Board (SWRCB) and will be effective starting October 1, 2026. Therefore, annual reports for Water Year 2027 will be prepared in compliance with the new regulations.

Phase 5 flow meter and Wildeye telemetry equipment installations have been completed on Bouldin Island and Webb Tract. Gornto is close to completing installation of Phase 5 flow meters on Bacon Island and Holland Tract. The mounting of steel poles on Bacon Island and Holland Tract siphons will need to be completed by Reclamation District staff prior to the Wildeye installations. As of December 31, 2025, unmetered MWD siphons should not be used until meters are installed and recording diversion data. Diversions at unmetered siphons in 2026 would be out of compliance with the measurement regulation.

Across all four islands, 62 siphons have measurement equipment (does not include recently installed Phase 5 meters on Bacon Island and Holland Tract). However, there have been many issues with various installed measurement equipment, which MBK continues to resolve. As of December 1, 2025, 13 siphons had measurement equipment that was not working properly. MBK coordinated efforts between Gornto, Reclamation District staff, and Wildeye in December 2025 and January 2026 to replace and fix equipment. Currently, 5 siphons have measurement equipment that is not working properly (see below for more information). MBK recommends that MWD purchase replacement meters for broken meters that need replacement and also backup meters to have on hand as future issues arise. MBK will continue to work with TechnoFlo to discuss meter warranties and obtain quotes for new meters. MBK continues to monitor all sites via Wildeye's website and conducts regular site visits to replace batteries, record totalizers, troubleshoot and inspect equipment. Flow meter batteries have an estimated lifespan of approximately 3 years; therefore, any meters installed in 2022 or earlier that have not yet had the battery replaced will continue to be monitored until replacement is needed.

All **Wildeye units** are currently working, with the exception of:

- (1) Bouldin Island Siphon 13: The Wildeye cable connecting the flow meter and Wildeye device is broken. MBK will coordinate with Wildeye to have them fix the cable.

All **flow meters** are currently working, with the exception of:

Bacon Island

- (1) Bacon Island Siphon 14: Grounding cable disconnected and dead battery. Issues removing lid to replace battery. Gornito removed the lid, but when MBK replaced the battery, the unit would not turn on and there were signs of water damage, indicating that this meter is damaged beyond repair. This is a Seametrics meter and is no longer under warranty (5-year warranty). MBK recommends purchasing a replacement meter.

Webb Tract

- (2) Webb Tract Siphon 8: While at the site, the meter said pipe empty, but the siphon was running. This is a McCrometer meter and is no longer under warranty (3-year warranty). MBK recommends conducting a flow test on this flow meter to see if measured and recorded data is accurate.

Holland Tract

- (3) Holland Tract Siphon 1: Issues connecting the configuration tool with the meter. Meter is reading very little diversions (0.5 AF) despite being used to irrigate 100 acres of rice in 2025, and data shows lots of spikes. MBK conducted a flow test and confirmed the meter is broken. This is a McCrometer meter and is no longer under warranty (3-year warranty). MBK recommends purchasing a replacement meter.
- (4) Holland Tract Siphon 2: While attempting to download the data, after "logging complete," the data file will not download/save to the laptop. MBK is discussing the issue with TechnoFlo.

RD 756 – Bouldin Island

Issue Tracking Summary

March 13, 2026

Issue ID	Priority	Report Date	Reporter	Location	Issue Type	Description	Action	Field Notes
041	Medium	March 28, 2017 5:00 PM	RalphHeringer	Station 544-549	Crack	Cracking in LS Slope; seepage and cattails at toe	Monitor	Monitor and discuss repair; 10/23/17 Levee crown trenched; no encroachments located, Area to be graded and prepared for flood season; will proceed under Special Projects upon receipt of PFA. 12/4/17 - grading complete
41.1		April 24, 2020 12:00 AM	Nate Hershey					Reviewed the site area. Area appears to be moving again - not as dramatic as in 2017, but it appears to be along the same fault lines. Seepage observed exiting the surface. Recommend performing an updated survey and developing an action plan.
41.2		March 10, 2023 1:00 AM	Andrew Petrini					Visual observation suggests recent movement may have occurred. AECOM reports no significant movement detected by instrumentation at this time.
053	Medium	August 11, 2017 12:00 AM	Nate Hershey	Station 324	Seepage	Seepage at toe of 3 to 1 slope	Monitor	Monitor
054	Medium	August 11, 2017 12:00 AM	Nate Hershey	Station 336	Seepage		Monitor	Monitor; The hole is shallow at about 1-2 inches deep.
074	Low	January 5, 2019 5:54 PM	Russ Ryan	Land side within 150 foot Levee footprint. See attached photos. Low wet areas.	Other, Sinkhole	Bouldin Island - West stretch length adjacent to Mokelumne River. See attached photos for exact location.	Investigate	See notes above.
088	Low	June 7, 2019 1:55 PM	Dave Forkel	Sta 382+00	Seepage	Seepage on side of levee.	Investigate	

096	Medium	April 22, 2020 12:00 AM	Russ Ryan	Between 630 and 640	Seepage	Appears to be seepage	Investigate	
107	Medium	December 17, 2020 2:05 PM	Russ Ryan	Station 630	Seepage	Just inside levee footprint on land side of toe drain there water ponding. Was there prior to any rain this season during dry period.	Monitor	See photos taken on site.
116	Medium	February 21, 2022 3:23 PM	Russ Ryan	West levee north of camp 5 at pilot project instrumentation area.	Seepage	Noticeable standing water at toe of levee at the same 2017 slippage event.	Investigate	Need Geotech investigation and assessments.
117	Low	February 23, 2022 12:10 PM	Russ Ryan	Location is landside off west levee (Bouldin Island) and south of Hwy 12	Seepage	Landside water ponding presenting at toe of levee.	Investigate	Roughly an estimated 30 feet by 10 feet. Dimensions need to be verified in field investigation.
121	Medium	October 14, 2022 12:00 AM	Nate Hershey	Station 33	Seepage	Seepage observed periodically on toe of levee. Seems to come and go, sometimes difficult to tell if it is seepage or ponding water. Observations suggest it is likely seepage that periodically appears during times of high water.	Investigate	
144	Medium	October 18, 2023 1:27 PM	Jack Cronin	East levee. See point, near Caution marker in water.	Sloughing	Sloughing, appears old. Likely not from earthquake.	Monitor	
145	Medium	October 18, 2023 1:31 PM	Jack Cronin	See point.	Sloughing	Minor sloughing. Potentially from seismic event	Investigate	