

**MEMORANDUM**

October 19, 2022

**TO:** Reclamation District No. 2026

**FROM:** Nathan Hershey

**SUBJECT:** **October 2022 Engineer's Report**

Described below are the engineering items to be discussed at your October 19, 2022 meeting.

**Subventions 2021-22** – The District submitted an application for participation in the Program in the amount of \$665,000. An additional \$2 million was approved by the Central Valley Flood Protection Board, for a total of \$12 million approved for the Program for FY 2021-22. The final claim is in the process of being compiled and will be submitted prior to November 1.

**Subventions 2022-23** – The District submitted an application for participation in the Program in the amount of \$665,000. \$12 million was approved by the Central Valley Flood Protection Board for the Program for FY 2022-23.

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

**Five Year Plan** – Work on the Five-Year Plan is currently in progress. A draft of the plan has been distributed via email and we have addressed the internal comments received to date. We are currently working to address DWR's comments. DWR has extended the expiration date of the funding agreements to December 31, 2022. At DWR's request, we submitted the anticipated total cost of improvements for their planning purposes.

**SB 88** – Work under Phase 4 of the measurement experiment is underway. All phase 4 meters have been installed and most have been certified by MBK Engineers. The remaining certifications are expected to occur next week.

Flow meters for the remaining siphons will be installed over the next two years. Prior to the end of this year, MBK will obtain quotes for the remaining measurement equipment and identify any sites that need to be tested for asbestos or tar coating. MBK and MWD will work with Bovee Environmental Management to test sites that are suspected to contain asbestos or a tar coating on the pipe exterior. Any sites that test positive for these hazardous materials will be abated by W.C. Maloney prior to any flow meter installation.

MWD and the RDs are in compliance for calendar year 2022 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. The 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 five years. Therefore, MBK has provided cost estimates for flange magnetic meters with telemetry equipment installed on the water side of all active siphons.

Development of the Delta-wide ACP by the Delta Measurement Experiment Consortium to utilize Open ET for measuring and reporting diversions continues. Place of use polygons for each island have been completed and will be used in conjunction with Open ET to report on diversions. MBK and MWD continue to participate in the Consortium.

# Reclamation District No. 2026 Webb Tract

## Issue Tracking Summary

10/14/2022

IssueID	Priority	Report Date	Reporter	Location	Issue Type	Description	Action	Field Notes
3	Medium	10/4/2016	Jaime Barajas	Station 614	Broken Equipment	Pump station platform pile appears to have buckled.	Repair	Dino to investigate and repair; Schedule TBD. See photos.
19	Medium	2/1/2017	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.
50	Low	7/21/2017	Russ Ryan	Station 180	Crack	Possible small crack between WS crown and AB splash berm	Monitor	
61	Medium	1/19/2018	Ralph Heringer	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		6/10/2019	Nate Hershey			Seepage berm construction complete. RD forces placed 6,026 cy of material. Continue to monitor.		
69	Medium	7/10/2018	Andrew Reece	Station 408	Sloughing	Approx. 200ft of rip rap sloughing	Monitor	
105	Medium	12/10/2020	DaveForkel	Sta 378+00	Crack		Monitor	