

MEMORANDUM

January 13, 2021

TO: Reclamation District No. 2026

FROM: Nathan Hershey

SUBJECT: **January 2021 Engineer's Report**

Described below are the engineering items to be discussed at your January 13, 2021 meeting.

Subventions 2019-20 – The District submitted an application for participation in the Program in the amount of \$500,000. DWR has lowered the Program funding amount to \$10 million for FY 2019-20. The District submitted a final claim in the amount of \$128,134.02.

Subventions 2020-21 – The District submitted an application for participation in the Program in the amount of \$2,395,000. \$12 million has been approved for Program funding for FY 2020-21.

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 comments received to date. We have also sent a draft to DWR for comment. DWR has extended the expiration date of the funding agreements to December 31, 2021.

SB 88 – Work under Phase 3 of the measurement experiment (Feb 2020 through Feb 2021) is underway, as outlined in the approved Request for Additional Time. Phase 3 efforts primarily involve installing 8 additional flange magnetic meters on the water side of the highest use siphons, with at least one flow meter on each island. MWD has purchased the equipment and set up a bid process for equipment installation.

Since the last update, MBK conducted a field visit to Bouldin Island to conduct portable flow meter tests at siphons running for winter flooding. Tests at Siphons No. 39 and 40 confirmed that telemetry will be required at these siphons for strict compliance with the Measurement Regulation. MBK also checked existing equipment and downloaded data from existing equipment. No new issues with the equipment were observed during the field visit.

Current direction by MWD is to proceed with a combination of strict compliance and developing a MWD Alternative Compliance Plan. In order to develop this plan, MWD submitted a Request for Additional Time on December 21, 2020. MWD was notified by the Office of the Delta Watermaster on December 29, 2020 that the Request was accepted.

Development of the Delta-wide ACP by the Delta Measurement Experiment Consortium to utilize Open ET for measuring and reporting diversions continues. MBK and MWD will continue to participate in the Consortium and provide feedback on the future development of this ACP as needed. The next Consortium meeting is scheduled for January 28, 2021.

Reclamation District No. 2026 Webb Tract
Issue Tracking Summary
1/8/2021

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	