

MEMORANDUM

June 16, 2021

TO: Reclamation District No. 2026

FROM: Nathan Hershey

SUBJECT: June 2021 Engineer's Report

Described below are the engineering items to be discussed at your June 16, 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 claim in the amount of \$128,134.02 for the fiscal year.

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.

Subventions 2021-22 – The District submitted an application for participation in the Program in the amount of \$665,000. DWR has informed us they will be seeking \$10 million for the Program for FY 2021-22.

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 addressed DWR's comments. DWR has extended the expiration date of the funding agreements to December 31, 2021.

Emergency Drought Barrier – Due to extreme drought conditions, the State has opted to install the emergency drought barrier in False River to protect water quality in the central Delta, similar to what occurred in 2015. Construction has commenced and the barrier installation is currently scheduled to be complete by June 22. Removal may begin as early as September 15; however no breach can occur until October 1.

SB 88 – Work under Phase 3 of the measurement experiment has been extended and is currently underway. 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. To date the flow meter installations on Bacon Island, Holland Tract, and Webb Tract have been completed. Gornto Ditching plans to finish installing meters on Bouldin Island by June 18th. MBK plans to visit the sites to certify the installed flow meters once all installations are complete. Gornto Ditching will continue to send weekly updates detailing their progress on the installation efforts. The installation of telemetry equipment is currently planned for the weeks of June 18th and June 25th. MBK plans to be present for these installations.

MWD and the RDs are in compliance for calendar year 2021 under an approved extension of time. Current direction by MWD was to proceed with strict compliance. Therefore, MBK has provided cost estimates for flange magnetic meters installed on the water side of all active siphons and developed a draft plan for

compliance, which was provided to staff and legal counsel on June 8th. The draft plan for compliance will be refined with specific plans for individual siphons as operational details and legal direction are confirmed.

Development of the Delta-wide ACP by the Delta Measurement Experiment Consortium to utilize Open ET for measuring and reporting diversions continues. RD staff are currently in the process of creating place of use polygons for each of the islands. MBK and MWD continue to participate in the Consortium. The next Consortium meeting has not yet been scheduled.

Reclamation District No. 2026 Webb Tract
Issue Tracking Summary
6/11/2021

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	