

MEMORANDUM

April 14, 2021

TO: Reclamation District No. 2026

FROM: Nathan Hershey

SUBJECT: April 2021 Engineer's Report

Described below are the engineering items to be discussed at your April 14, 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 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 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. MWD has received the new equipment which is currently stored on Bacon Island. A pre-bid walk through on Bouldin Island occurred on March 3rd, 2021. MWD since identified Gornto Ditching as the selected contractor. MWD and MBK Engineers will work with Gornto Ditching to schedule the flow meter installations for Phase 3 of the measurement experiment once the contract is awarded and MWD issues a notice to proceed.

MWD and the RDs are in compliance for calendar year 2021 under an approved extension of time. Current direction by MWD is to proceed with strict compliance. Therefore, MBK is currently developing a draft plan for compliance, which will include a combination of flange magnetic meters installed on the water side for the largest and highest use siphons and alternative measurement methods at the smaller, less frequently used siphons. MBK and MWD met towards the end of March to discuss the draft plan and potential alternative measurement methods. MWD will schedule a follow up meeting to discuss specific plans for each siphon.

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 continue to participate in the Consortium

and will provide feedback on the future development of this ACP as needed. The next Consortium meeting is scheduled for April 29, 2021.

Reclamation District No. 2026 Webb Tract
Issue Tracking Summary
4/9/2021

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	