

MEMORANDUM

January 15, 2020

TO: Reclamation District No. 2026

FROM: Nathan Hershey

SUBJECT: January 2020 Engineer's Report

Described below are the engineering items to be discussed at your January 15, 2020 meeting.

Subventions 2018-19 – The District submitted an application for participation in the Program in the amount of \$400,000. \$12 million has been approved for Program funding for FY 2018-19, consistent with recent previous years. The District's final claim was submitted in the amount of \$209,466.23. DWR and CDFW have performed their annual inspection and the claim is currently being processed.

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.

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

Five Year Plan – We have received a fully executed funding agreement for the Five-Year Plan (FYP). We have started work on the Plan update and have received an advance of funds in the amount of \$26,250.00.

DWR Emergency Response Grant Update – We are still waiting to see the final version of the Local Flood Safety Plan.

SB 88 – Work under Phase 2 of the measurement experiment (work plan for 2019 through Feb 2020) is wrapping up. All of the data collected through the summer irrigation season has been reviewed and analyzed. MBK is currently preparing a report to update the experiment summary report (final dated March 2019). A draft will be provided to MWD this month, with the intent to finalize it by the end of February.

On behalf of MWD and the RDs, MBK submitted a Request for Additional Time (Request) to the Delta Watermaster on January 3, 2020. We have not yet received formal approval of the Request, but have direction to consider the extension continued during the period of review of the Request. MBK is in the process of drafting a workplan for 2020 efforts, as they are outlined in the Request. This will primarily involve installing 8 additional flange magnetic meters on the water side of the highest use siphons, with at least one meter on each island. These sites will also include telemetry equipment, with the intent to post data on the Bay Delta Live website.

During a site visit to Bouldin Island on December 13, 2019, the vandalized test sites (Bouldin Island Siphon Nos. 39 and 40) were investigated. We found that the solar panels, dataloggers, and power supplies were stolen, but the flow sensors were not damaged and remain in place. Future site visits to the islands are currently on hold until diversions increase and/or activities related to the next phase of the Measurement Experiment start.

Reclamation District No. 2026 Webb Tract
Issue Tracking Summary
1/10/2020

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	