

MEMORANDUM

May 6, 2020

TO: Reclamation District No. 2026

FROM: Nathan Hershey

SUBJECT: May 2020 Engineer's Report

Described below are the engineering items to be discussed at your May 6, 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 been 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.

Subventions 2020-21 – Applications for participation in the Program were due April 1. The District submitted an application in the amount of \$2,395,000. We have received notice from DWR that \$12,000,000 is being committed to the Program for FY 2020-21.

Annual Maintenance – Attached are the current maintenance items we are tracking. We recommend reviewing the waterside slope conditions via drone and performing any routine maintenance required prior to the flood season.

Five Year Plan – Work on the Five-Year Plan is currently in progress. A draft of the plan has been distributed via email. The Plan must be complete by the end of 2020.

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 February 2020) has been completed. All the data collected during this period has been reviewed and analyzed. MBK has prepared a draft report to update last year's experiment summary report. This draft was provided to MWD for final review and will be finalized as soon as comments are received. Work under Phase 3 of the measurement experiment (February 2020 through February 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. MBK conducted site visits to each of the proposed sites during April to check installation locations and pipe conditions. All proposed sites will include telemetry equipment, with the intent to post data to the Reclamation District websites for each island. MBK has obtained quotes for equipment and installation costs, which will be provided to MWD for review soon.

The Delta Measurement Experiment Consortium has not yet scheduled its next meeting and MBK has not received any updates on the status of the Open ET beta testing.

Reclamation District No. 2026 Webb Tract
Issue Tracking Summary
5/1/2020

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	