



Water Resources ♦ Flood Control ♦ Water Rights

MEMORANDUM

July 10, 2019

TO: Reclamation District No. 2026
FROM: Nathan Hershey, Mike Kynett
SUBJECT: **July 2019 Engineer's Report**

Described below are the engineering items to be discussed at your July 10, 2019 meeting.

Subventions 2017-18 – The District submitted an application for participation in the Program in the amount of \$550,000. \$14.5 million has been approved for Program funding for FY 2017-18. The District's final claim was submitted in the amount of \$156,175.70. Reimbursement has been received in the amount of \$104,507.00.

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.

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 2018-19. We believe \$10 million is likely not sufficient to fully fund the Program and have expressed our concerns to DWR and the Central Valley Flood Protection Board.

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

Jersey Island Bridge – Bridge repairs are scheduled to begin August 1. The County is having a preconstruction meeting with the contractor later this week, and the plan is for the contractor to mobilize to the site during the last week in July.

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 – Contra Costa County's consultant, Michael Baker International (MB), submitted a draft of the Local Flood Safety Plan for review and comment. We have reviewed the Plan and have provided MB with comments. MB is working with the County, continuing to progress the plans for each RD. We will keep you posted as we receive additional updates.

SB 88 – Work under Phase 2 of the measurement experiment (work plan for 2019) is progressing and coordination with the Delta Measurement Experimentation Consortium continues. Eight of the nine existing test sites appear to be functioning properly and collecting flow data.

Siphon logs for calendar year 2018 have been summarized and were used for water right reporting calculations. 2019 siphon logs have been received for the month of May and collection of June logs is in

progress. Site visits were limited during the month due to non-use of siphons. Portable meter testing is scheduled to continue during the irrigation season.

Site visits were conducted on Bacon Island on 6/14/19 and 6/27/19 to troubleshoot and replace various sensors. Site visits were conducted on Bouldin Island on 6/6/19 and 6/21/19 to continue troubleshooting various sensor related issues including loss of power, corrosion, and communications related issues. The new flow meters recently ordered are in the process of being delivered and installed.

Reclamation District No. 2026 Webb Tract
Issue Tracking Summary
7/3/2019

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	