

**MEMORANDUM**

October 16, 2019

**TO:** Reclamation District No. 2026

**FROM:** Nathan Hershey

**SUBJECT: October 2019 Engineer's Report**

Described below are the engineering items to be discussed at your October 16, 2019 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. We are working on compiling the District's final claim. The deadline for submittal is November 1.

**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.

**Jersey Island Bridge** – Bridge repairs are in progress, and we continue to monitor the situation closely. The contractor has encountered unexpected field conditions that have caused the project to be delayed. Our hope is the project will be complete by the end of the month.

**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. At the last Delta Working Group meeting, we were informed the plans are being printed and we should see the final product soon.

**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. No additional test sites were added during September but one more additional test site is still planned for installation at Bouldin Island Siphon No. 27. After a site visit to troubleshoot flow meters, flow measurement equipment at all 11 tests sites is currently operational. Coordination with contractors is ongoing for installation and maintenance of water level sensing equipment at 4 of the test sites.

2019 siphon logs have been received for the months of July and August, collection of September logs is in progress. Portable meter testing was conducted in early September, with tests performed on several new siphons. MBK is coordinating with Dave Forkel to capture the fall/winter flooding with portable meter testing on siphons.

Site visits were conducted on Bacon Island on 9/19/19, 9/20/19, and 10/4/19 to survey siphons, conduct portable meter testing, and troubleshoot/program equipment. Site visits were conducted on Bouldin Island on 9/24/19, 9/26/19 and 10/11/19 to survey siphons, conduct portable meter testing, and download data.

Survey data was collected on four site visits that include pipe slopes and landside reference elevations. Common issues still being experienced include corrosion, durability of equipment, and communication related issues.

# Reclamation District No. 2026 Webb Tract

## Issue Tracking Summary

10/11/2019

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	