

MEMORANDUM

February 22, 2023

TO: Reclamation District No. 2026

FROM: Nathan Hershey

SUBJECT: February 2023 Engineer's Report

Described below are the engineering items to be discussed at your February 22, 2023 meeting.

Subventions 2021-22 – The District submitted an application for participation in the Program in the amount of \$665,000. An additional \$2 million was approved by the Central Valley Flood Protection Board, for a total of \$12 million approved for the Program for FY 2021-22. A final claim was submitted in the amount of \$212,397.57.

Subventions 2022-23 – The District submitted an application for participation in the Program in the amount of \$665,000. \$12 million was approved by the Central Valley Flood Protection Board for the Program for FY 2022-23.

Subventions 2023-24 – Applications for the Program are due April 1. Subject to Board approval, our intent is to submit an application similar to the submittal for the prior fiscal year.

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

Special Projects – DWR recently released a Projects Solicitation Package (PSP) for multi-benefit projects. A multi-benefit project would be a levee rehabilitation project with a habitat component incorporated into the design. We have drafted a concept proposal for the solicitation and will submit the proposal subject to Board approval. Proposals are due March 3.

Five Year Plan – Work on the Five-Year Plan is complete. We have addressed DWR's comments and have submitted the final version of the Plan. We have also uploaded the final document to the RD's website.

SB 88 – Work under Phase 4 of the measurement experiment is complete. Data is now being collected at 38 sites across all four islands.

MBK has obtained quotes for the equipment required at the 51 remaining sites. These flow meters will be installed over the next two years due to the number of sites and levee projects that begin in 2023. Prior to installation of flow meters, MBK has identified 12 sites that need to be tested for asbestos or tar coating by Bovee Environmental Management. Any sites that test positive for hazardous materials will be abated by W.C. Maloney prior to any flow meter installation.

MWD and the RDs are in compliance for calendar year 2023 under an approved extension of time. The extension was approved by the Delta Watermaster on January 13th, 2022 and will expire on January 1st, 2024. The extension of time included a Plan for Compliance which provides details regarding the methods to estimate diversions on siphons without flow meters and provides a measurement equipment installation

schedule. MWD currently anticipates that installing all the flow meters will take five years. Therefore, MBK has provided cost estimates for flange magnetic meters with telemetry equipment installed on the water side of all active siphons.

Development of the Delta-wide ACP by the Delta Measurement Experiment Consortium to utilize Open ET for measuring and reporting diversions continues. Place of use polygons for each island have been completed and will be used in conjunction with Open ET to report on diversions. MBK and MWD continue to participate in the Consortium.

Reclamation District No. 2026 Webb Tract
Issue Tracking Summary
2/17/2023

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	Dave Forkel	Sta 378+00	Crack		Monitor	

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2/17/2023

IssueID	Priority	Report Date	Reporter	Location	Issue Type	Description	Action	Field Notes
106	Medium	2/3/2023	DaveForkel	Sta 445+00	Boil	Boil about halfway down slope, toe very wet. Sandbags installed.	Investigate	Sandbags