

MEMORANDUM

May 17, 2023

TO: Reclamation District No. 2026

FROM: Nathan Hershey

SUBJECT: May 2023 Engineer's Report

Described below are the engineering items to be discussed at your May 17, 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 – The District submitted an application for participation in the Program in the amount of \$665,000.

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

FEMA – The Recovery Scoping Meeting (RSM) with FEMA and CalOES took place at MBK's office on 4/20. MBK has continued to coordinate with FEMA and is in the process of compiling documentation supporting the claim. Once all documentation has been provided, FEMA will submit the project to their management for review.

Special Projects – A concept proposal was submitted to DWR for the Projects Solicitation Package (PSP) for multi-benefit projects. DWR has invited select applicants to submit a full application. The RD's concept proposal was not selected for further consideration.

SB 88 – MBK has obtained the quotes for the equipment required at the 51 remaining metering sites. It is currently estimated that the purchase orders for this equipment will be placed sometime in June or July. 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 the flow meters, Bovee Environmental identified 3 sites on Bacon Island and 1 site on Bouldin Island that tested positive for hazardous materials on the exterior coating on the pipes. The hazardous materials in the pipe coating at these 4 sites were abated by W.C. Maloney on April 26th. A report documenting the abatement, including photos of the sites before and after the work was completed, was provided to MWD and MBK shortly after the work was completed.

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.

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.

RD 2026 - Webb Tract

Issue Tracking Summary
May 15, 2023

| Issue ID | Priority | Report Date | Reporter | Location | Issue Type | Description | Action | Field Notes |
|----------|----------|----------------------------|---------------|---------------------------------|------------------|--|-------------|--|
| 003 | Medium | October 3, 2016 5:00 PM | Jaime Barajas | Station 614 | Broken Equipment | Pump station platform pile appears to have buckled. | Repair | Dino to investigate and repair; Schedule TBD. See photos. |
| 019 | Medium | January 31, 2017 5:00 PM | 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. |
| 050 | Low | July 20, 2017 5:00 PM | Russ Ryan | Station 180 | Crack | Possible small crack between WS crown and AB splash berm | Monitor | |
| 061 | Medium | January 19, 2018 1:00 AM | Dave Forkel | 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 | | June 10, 2019 12:00 AM | | | | | | Seepage berm construction complete. RD forces placed 6,026 cy of material. Continue to monitor. |
| 069 | | July 10, 2018 12:00 AM | AndrewReece | Station 408 | Sloughing | Approx. 200ft of rip rap sloughing | Monitor | |
| 105 | Medium | December 10, 2020 11:31 AM | Dave Forkel | Sta 378+00 | Crack | 40 ft crack in center of levee | Monitor | |
| 106 | Medium | February 3, 2023 10:13 AM | Dave Forkel | Sta 445+00 | Boil | Boil about halfway down slope, toe very wet. Sandbags installed. | Investigate | Sandbags |