

MEMORANDUM

September 18, 2024

TO: Reclamation District No. 2026

FROM: Nathan Hershey

SUBJECT: **September 2024 Engineer's Report**

Described below are the engineering items to be discussed at your September 18, 2024 meeting.

Subventions 2022-23 – The District submitted an application for participation in the Program in the amount of \$665,000. A total of \$12.5 million has been approved by the Central Valley Flood Protection Board for the Program for FY 2022-23. A final claim was submitted in the amount of \$414,596.01.

Subventions 2023-24 – The District submitted an application for participation in the Program in the amount of \$665,000. A total of \$14 million has been approved by the Central Valley Flood Protection Board for the Program for FY 2023-24.

Subventions 2024-25 – The District submitted an application for participation in the Program in the amount of \$665,000. A total of \$14 million has been approved by the Central Valley Flood Protection Board for the Program for FY 2024-25.

Future Subventions Funding – DWR has indicated that funding has not been secured yet for fiscal years 2025-26 and beyond. Delta advocates, including the California Central Valley Flood Control Association and others, are considering ways to increase awareness and gain support for securing funding for this highly successful and vital program. We have prepared a draft funding request letter for the RD to consider and possibly submit to state legislators.

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

FEMA – The District's claim is currently under review at FEMA. MBK will continue to check in with FEMA personnel regarding status updates. The total claim amount is \$65,256.11.

SB 88 – All Phase 4 meters have been installed and certified by MBK Engineers. Data is currently being collected at 37 sites across all four islands. MBK will continue to monitor all sites monthly during the winter season and weekly during the irrigation season via Wildeye's website. All Wildeye units are currently working with the exception of Bouldin Island Siphon No. 30, which was damaged by driftwood (equipment will be reinstalled when Phase 5 installations occur at nearby siphons). All meters are currently working, with the exception of (1) Bouldin Island Siphon No. 2, (2) Bouldin Island Siphon No. 26, and (3) Bacon Island Siphon No. 25. See previous RD update for details.

All Phase 5 flow meters were delivered and inventoried January 4th on Bacon Island. MWD has posted a bid package and will be requesting bids until September 19th for the installation of the Phase 5 meters. The Phase 5 telemetry equipment has been purchased, and will be delivered at the time of installation, following

flow meter installations at each site. MBK is working to acquire a 14-inch conversion kit for Bouldin Island Siphon No. 26 and expects to have the equipment ready during the installation period.

MBK plans to attend and present on the behalf of MWD during the September 24th Delta Consortium meeting. MBK has also provided MWD staff with a draft summary technical report on the 2023 OpenET and measured diversion comparison for review and comments. MWD and MBK met on September 4th to discuss Water Year 2024 annual reporting requirements and methodology. MBK will begin collecting data and preparing draft reports on October 1, 2024, for review by MWD staff in December.

RD 2026 - Webb Tract

Issue Tracking Summary
September 15, 2024

| Issue ID | Priority | Report Date | Reporter | Location | Issue Type | Description | Action | Field Notes |
|----------|----------|----------------------------|--------------|--|------------------|--|-------------|--|
| 003 | Medium | October 3, 2016 5:00 PM | JaimeBarajas | 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 | JaimeBarajas | 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 |
| 107 | Medium | October 18, 2023 12:48 PM | Jack Cronin | Station marker just north of fisherman's cut. Just on water side of marker. Can't see marker from water. | Sloughing | Sloughing, appears old. Not likely from earthquake. | Monitor | |