

MEMORANDUM

May 19, 2021

TO: Reclamation District No. 2025

FROM: Nathan Hershey

SUBJECT: May 2021 Engineer's Report

Described below are the engineering items to be discussed at your May 19, 2021 meeting.

Subventions 2019-20 – The District submitted an application for participation in the Program in the amount of \$845,000. DWR has lowered the Program funding amount to \$10 million for FY 2019-20. The District submitted a claim in the amount of \$211,282.60 for the fiscal year.

Subventions 2020-21 – The District submitted an application in the amount of \$845,000. \$12 million has been approved for Program funding for FY 2020-21.

Subventions 2021-22 – The District submitted an application for participation in the Program in the amount of \$465,000. DWR has informed us they will be seeking \$10 million for the Program for FY 2021-22.

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

Five Year Plan – Work on the Five-Year Plan is currently in progress. A draft of the plan was distributed via email and we have incorporated the comments received to date. We have also addressed anticipated DWR comments and will be sending a draft to DWR staff for review and comment this month. DWR has extended the expiration date of the funding agreements to December 31, 2021.

SB 88 – Work under Phase 3 of the measurement experiment has been extended and is currently underway. Phase 3 efforts primarily involve installing 8 additional flange magnetic meters on the water side of the highest use siphons, with at least one flow meter on each island. MWD has received the new equipment which is currently stored on Bacon Island. A pre-bid walk through on Bouldin Island occurred on March 3, 2021. MWD has since selected a contractor, Gornto Ditching, and conducted a pre-construction meeting on May 10th on Bacon Island to discuss the details and schedule for installing the 8 new meters. Work will begin on Bacon Island with the goal of finishing those three meter installations by May 21, 2021. Installations on the other islands will follow. MBK plans to be on site during the first few installations to oversee the work and advise as necessary. Gornto Ditching will send weekly updates detailing their progress on the installation efforts.

MWD and the RDs are in compliance for calendar year 2021 under an approved extension of time. Current direction by MWD is to proceed with strict compliance. Therefore, MBK has provided cost estimates for flange magnetic meters installed on the water side of all active siphons and is currently developing a draft plan for compliance, which will be refined with specific plans for individual siphons as operational details and legal direction are confirmed. MBK, MWD, and legal staff met on May 12th to discuss and a follow up meeting is scheduled for May 19th.

Development of the Delta-wide ACP by the Delta Measurement Experiment Consortium to utilize Open ET for measuring and reporting diversions continues. MBK, the RDs, and MWD met with CDWA for a demonstration to create place of use polygons within Open ET. RD staff are currently in the process of creating these polygons for each of the islands. MBK and MWD continue to participate in the Consortium and provided an update to the group at the meeting on April 29, 2021. The next Consortium meeting has not yet been scheduled.

Reclamation District No. 2025 Holland Tract
Issue Tracking Summary
5/16/2021

IssueID	Priority	Report Date	Reporter	Location	Issue Type	Description	Action	Field Notes
2	Medium	9/13/2016	Russ Ryan	Station 185	Crack	Crack in splash cap near leak	Monitor	Monitor; See photos
22	Low	2/10/2017	Nate Hershey	Station 545+80	Boil	Boil in landside slope	Monitor	Directed Asta to build a containment berm; Berm constructed; continue to monitor. 2/13/17 No flow coming through levee, relatively dry
25	Medium	2/13/2017	Nate Hershey	Station 105	Erosion	Erosion site	Repair	Repair; Monitor and repair when feasible
28	Low	2/18/2017	Russ Ryan	Station 315+75	Rodent Activity	Rodent Activity	Repair	Repair; Monitor and repair when feasible
60	Medium	1/18/2018	Brian Janowiak	Station 414-417	Other	Rodent activity	Monitor	Minor squirrel activity, mostly on upper LS slope. One larger void in levee crest (Sta 417) may need to be excavated.
98	Medium	6/10/2020	RalphHeringer	Sta 470 to 480 from LS of county road to toe ditch	Other	Fire	Monitor	Fire
98.1		8/11/2020	Nate Hershey	July 4 fire reported at Marina #1				
98.2		8/11/2020	Nate Hershey	July 20 fire reported at Mainstone property				