

MEMORANDUM

July 10, 2019

TO: Reclamation District No. 2025

FROM: Nathan Hershey, Mike Kynett

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

Described below are the engineering items to be discussed at your July 10, 2019 meeting.

Subventions 2017-18 – The District submitted an application for participation in the Program in the amount of \$605,000. \$14.5 million has been approved for Program funding for FY 2017-18. The District's final claim was submitted in the amount of \$105,064.66. Reimbursement has been received in the amount of \$67,460.00.

Subventions 2018-19 – The District submitted an application for participation in the Program in the amount of \$645,000. \$12 million has been approved for Program funding for FY 2018-19, consistent with recent previous years.

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 2018-19. We believe \$10 million is likely not sufficient to fully fund the Program and have expressed our concerns to DWR and the Central Valley Flood Protection Board.

Annual Maintenance – Attached are the current maintenance items we are tracking. We received a response from Contra Costa County regarding the planned maintenance for Holland Tract Road this year. The road is scheduled to receive a single chip seal treatment, likely sometime between July and October.

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 – Contra Costa County's consultant, Michael Baker International (MB), submitted a draft of the Local Flood Safety Plan for review and comment. We have reviewed the Plan and have provided MB with comments. MB is working with the County, continuing to progress the plans for each RD. We will keep you posted as we receive additional updates.

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. Eight of the nine existing test sites appear to be functioning properly and collecting flow data.

Siphon logs for calendar year 2018 have been summarized and were used for water right reporting calculations. 2019 siphon logs have been received for the month of May and collection of June logs is in progress. Site visits were limited during the month due to non-use of siphons. Portable meter testing is scheduled to continue during the irrigation season.

Site visits were conducted on Bacon Island on 6/14/19 and 6/27/19 to troubleshoot and replace various sensors. Site visits were conducted on Bouldin Island on 6/6/19 and 6/21/19 to continue troubleshooting various sensor related issues including loss of power, corrosion, and communications related issues. The new flow meters recently ordered are in the process of being delivered and installed.

Reclamation District No. 2025 Holland Tract

Issue Tracking Summary

7/3/2019

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
7	Medium	10/31/2016	Contra Costa County	Station 519-550	Crack	Pavement cracking on levee crown roadway; sloughing on landside hinge	Repair	NH and DF to schedule site visit and develop plan; Proposal received from Hultgren-Tillis; field work complete; geotechnical report finalized and issued
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
40	Low	3/22/2017	Dave Forkel	Station 465	Encroachment	Abandoned 8" siphon	Repair	Investigate and remove
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.
87	Medium	6/5/2019	DaveForkel	Sta 478+00	Encroachment	Abandoned 6" siphon observed low in levee, see Jaime email for photo.	Investigate	Schedule removal during County road repaving