

# CAPITAL PROJECTS QUARTERLY UPDATE

Board Meeting

First Quarter - FY 2019/2020

## I – Meadowlark Reclamation Water Facility (MRF) Biological Selector Improvements

**Description** MRF treats primary sewer effluent through its secondary process of a roughing filter, aeration basins, and secondary clarifiers. Currently the existing membrane panels in the aeration basin, which are no longer manufactured, are failing and need replacement. The District has been studying ways to improve efficiency with use of an anaerobic selector zone to remove nutrient from the secondary effluent and improve treatment efficiency. This project will tackle both issues by making modifications to the aeration basin, including replacing the failing membrane panels with ceramic disc diffusers and adding geo-membrane baffling, a new compressed air mixing system, and process control probes to create and monitor the new anaerobic selector zone.

### Quarterly Update

- 60% Design Specifications and Plans submitted for review

### Change Orders

- None

### Schedule

Task	Status
Planning Study	Completed
Project Design	Estimated 12/19
Project Bid	Estimated 02/20
Construction Start	Estimated 03/20
Construction End	Estimated 9/20

### Financial

PROJECT	MRF Biological Selector
Project #	2019100002
W.O.#	209696
Budget Amount	\$1,666,000
<b>DESIGN SUPPORT</b>	
Contract Amount	\$110,537.00
Paid to Date	\$93,063.51
% Paid	84.19%

### Outstanding Issues

- Complete Design and Specifications
- Begin Construction

### Vicinity Map

