

Engineering and Operations Update – April 2022 to June 2022



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Nipomo Community Services District
July 13, 2022

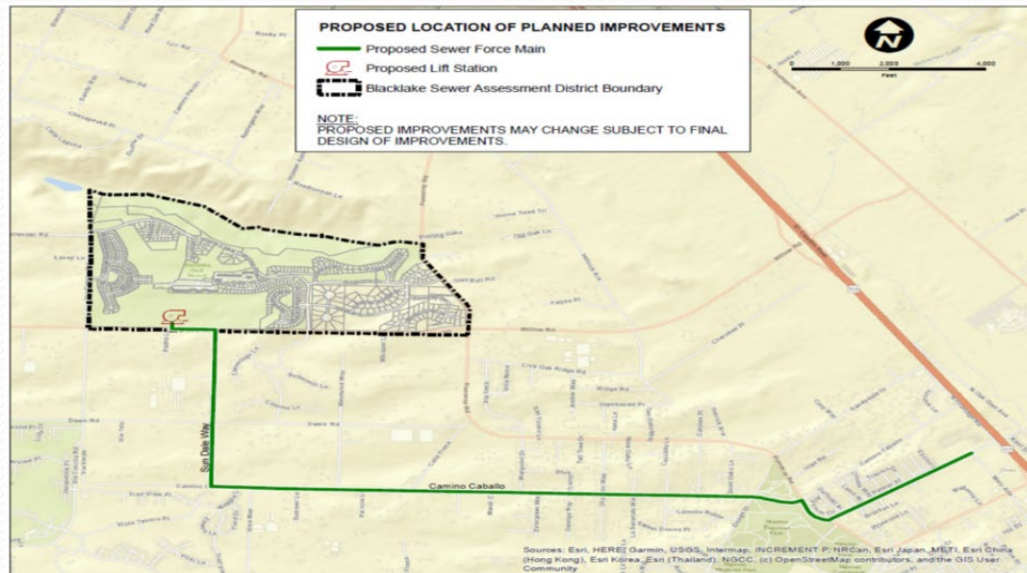
Projects in Construction

Nipomo Palms Lift Station Replacement

- Contract cost – \$918,368
- Notice to Proceed Issued – 5/17/2021
- Revised project completion date – 11/2022
- Pump delivery delayed
- Construction in progress



Blacklake Sewer System Consolidation Project



- Construction of lift station and force main to pump wastewater to Southland Wastewater Treatment Facility
- Decommission existing Blacklake Water Reclamation Facility

Blacklake Sewer System Consolidation Project

Major Task Status

- Southland WWTF and Blacklake WRF permitting in progress
 - Report of Waste Discharge for Blacklake WRF submitted to RWQCB
 - Report of Waste Discharge for Southland WWTF pending revision prior to submittal to RWQCB
- Lift station and force main design
 - Lift station and force main split into two bid packages
 - 100% force main design to be completed by 9/2022
 - 100% lift station design to be completed by 1/2023
- CEQA
 - Public Draft Mitigated Negative Declaration (MND) pending
 - California Red Legged Frog Habitat Conservation Plan (HCP) in progress

Blacklake Sewer System Consolidation Project

Schedule Milestones	Original	Revised Force Main	Revised Lift Station
Design Completion	12/2021	9/2022	1/2023
Construction Permitting Completion	12/2021	9/2022	1/2023
Board Authorization to Pre-Qualify	1/2022	7/2022	2/2023
Board Authorization to Bid	3/2022	9/2022	4/2023
Board Construction Contract Award	6/2022	12/2022	7/2023
Construction Completion	3/2024	9/2023	7/2024

Blacklake Sewer System Consolidation Project

Cost Summary as of 6/30/2022

Item	Description	Project Budget Costs	Actual Costs to Date	% Budget Actual Costs to Date
1	Blacklake Lift Station	\$ 605,550	\$ -	0.0%
2	Force Main	\$ 5,162,350	\$ -	0.0%
3	WRF Demolition	\$ 915,400	\$ -	0.0%
4	Construction Total	\$ 6,683,300	\$ -	0.0%
5	Permitting (CEQA)	\$ 116,240	\$ 50,368.77	43.3%
6	Engineering Design	\$ 871,800	\$ 563,349.39	64.6%
7	Construction Management and Inspection	\$ 871,800	\$ -	0.0%
8	Contingency	\$ 1,743,600	\$ -	0.0%
9	Total Project Cost	\$ 10,286,740	\$ 613,718.16	6.0%

Other Projects in Design

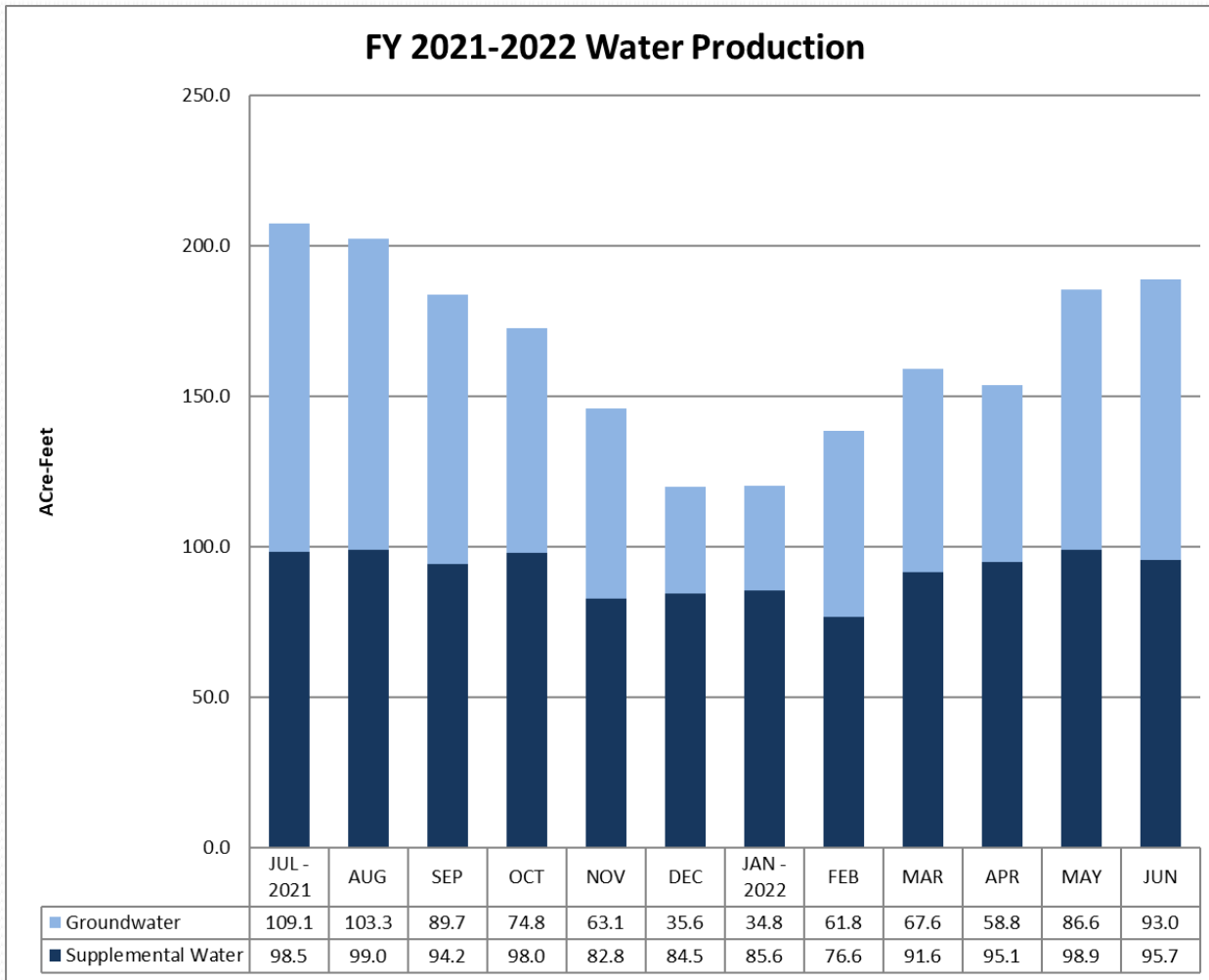
- Branch Street Watermain Replacement
 - Bidding of project pending
- Eureka Well #2 Pump and Controls
 - Contractor pre-qualification in progress
 - 100% design pending
- Woodgreen Lift Station
 - 90% design in progress

Other Projects in Design

- Frontage Road Trunk Sewer Replacement
 - Preliminary design initiated
- District Office Generator
 - Generator shipment delayed
- Foothill Tank Land Acquisition
 - Preparation of Mitigated Negative Declaration (MND) in progress

Operations – Water System

FY 2021-2022 Water Production



Supplemental Water	1100.4 AF
Groundwater	878.1 AF
FY 21-22 Total Production To Date	1978.5 AF

Operations – Water System

- **Regulatory**

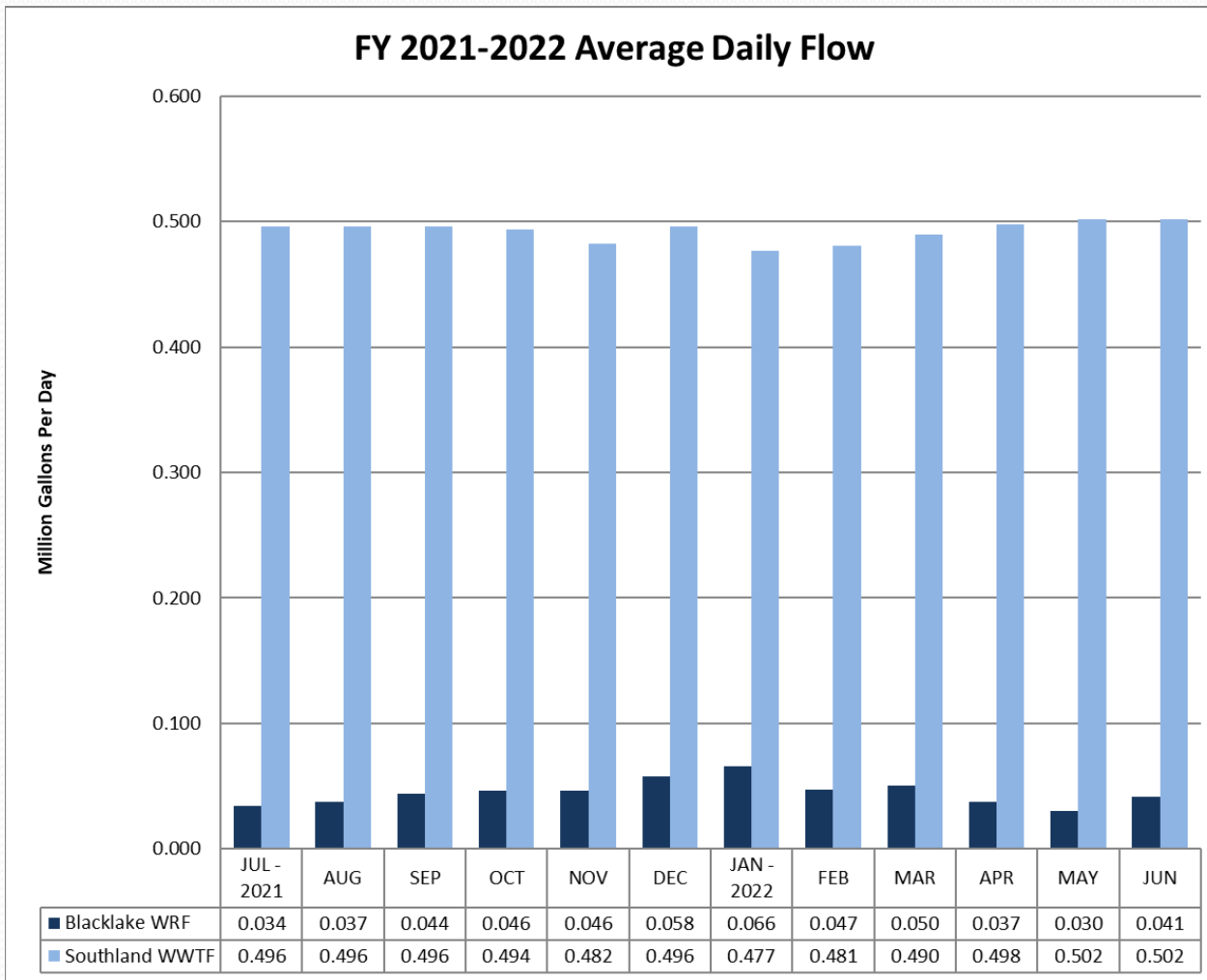
- State Water Resources Control Board Division of Drinking Water
 - Submitted routine monthly coliform, quarterly raw water coliform, quarterly nitrate, quarterly disinfection byproducts
 - Submitted annual Water System Report

- **Other Water Operations**

- Hired new Water Operator 1
- Completed installation of second AMI radio system
- Replaced two 4 inch water meters
- Completed annual tank cathodic protection system inspections

Operations – Wastewater

FY 2021-2022 Average Daily Flow



Blacklake WRF	15.5 MG
Southland WWTF	179.8 MG
FY 21-22 Total Wastewater Flow Treated To Date	195.3 MG or 599 AF

Operations – Wastewater System

- **Regulatory**

- State Water Resources Control Board
 - Routine monthly and quarterly reports submitted

- **Other Wastewater Operations**

- New SCADA tower completed and SCADA radio antennas installed on new tower
- Did not renew ELAP certification for in-house lab
- Replaced Pump #2 at Tefft Street Lift Station

Engineering and Operations

Questions