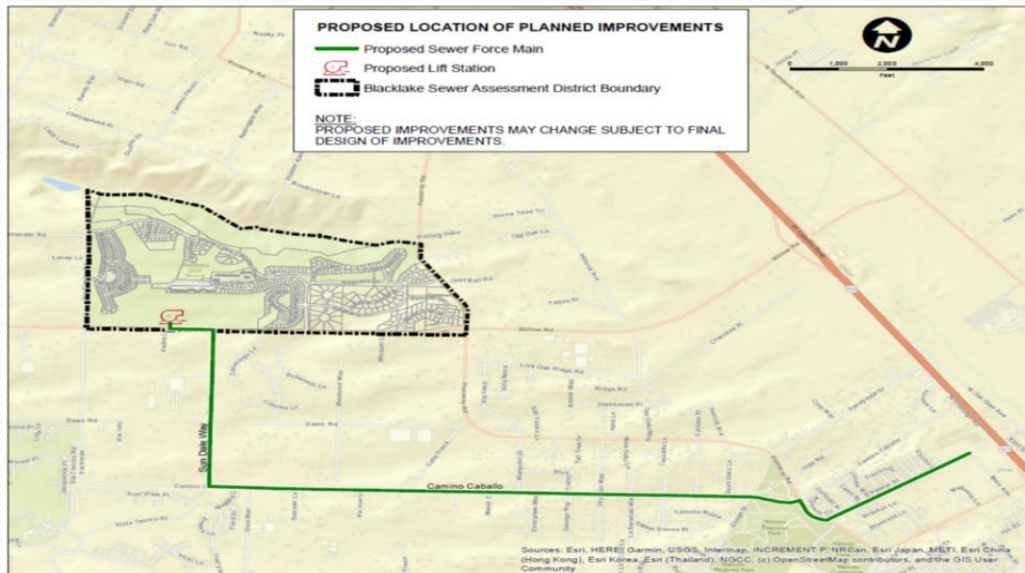


Engineering and Operations Update – July 2023 to September 2023



Peter V. Sevcik, PE
Director of Engineering and Operations
Nipomo Community Services District
October 25, 2023

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

- Blacklake WRF permitting in progress
 - RWQCB issued new permit on 5/31/2023 that was effective 6/1/2023 based on State general order for facilities with flows less than 100,000 gallons per day
 - Anticipate to cancel new permit once Blacklake WRF is decommissioned
- Southland WWTF permitting in progress
 - Submitted application to RWQCB in 4/2023 to enroll facility in general permit for facilities with flows greater than 100,000 gallons per day in order to accept flow from the Blacklake Sewer Service Area

Blacklake Sewer System Consolidation Project

Major Task Status

- Design Status
 - Force main design completed and construction underway
 - Final lift station plans and specifications underway and pending completion of permitting process
 - Lift station contractor prequalification in progress
- Environmental Status
 - Mitigated Negative Declaration (MND) complete - CEQA
 - California Red Legged Frog (CRLF) Habitat Conservation Plan (HCP) submitted to USFWS
 - HCP based on mitigating for potential CRLF habitat loss by paying into federal CRLF mitigation fund

Blacklake Sewer System Consolidation Project

Schedule Milestones	Original	Revised Force Main	Revised Lift Station
Design Completion	12/2021	10/2022	12/2023
Construction Permitting Completion	12/2021	10/2022	12/2023
Board Authorization to Pre-Qualify	1/2022	7/2022	9/2023
Board Authorization to Bid	3/2022	10/2022	12/2023
Board Construction Contract Award	6/2022	1/2023	3/2023
Construction Completion	3/2024	1/2024	7/2025

Blacklake Sewer System Consolidation Project

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	\$ 2,775,431	53.8%
3 WRF Demolition	\$ 915,400	\$ -	0.0%
4 Construction Subtotal	\$ 6,683,300	\$ 2,775,431	41.5%
5 Permitting (CEQA)	\$ 116,240	\$ 69,097	59.4%
6 Engineering Design	\$ 871,800	\$ 663,664	76.1%
7 Construction Management and Inspection	\$ 871,800	\$ 92,016	10.6%
8 CEQA/Design/CM Subtotal	\$ 1,859,840	\$ 824,777	44.3%
9 Contingency	\$ 1,743,600	\$ -	0.0%
10 Total Project Cost	\$10,286,740	\$ 3,600,208	35.0%
Status Report Date 9/27/2023			

Projects in Construction

- Blacklake Sewer System Consolidation Project Force Main
 - Scope includes 21,000 linear feet of sewer pipe installed by open cut and directional drilling methods, pavement restoration, and related appurtenances
 - Notice to Proceed issued – 5/9/2023
 - Tentative Contract Completion – 1/4/2024
 - Contract cost - \$4,775,196
 - Completed to date - \$3,383,260

Projects in Construction

- Branch Street Watermain Replacement Project
 - Scope includes 1560 linear feet of 8 inch diameter watermain, 3 fire hydrants, abandonment of 6 inch diameter watermain located in an alley, new water services, and reconnection of existing water services
 - Notice to Proceed issued – 4/25/2023
 - Tentative Contract Completion – 10/22/2023
 - Contract cost - \$893,662
 - Completed to Date - \$574,708

Projects in Construction

- Southland WWTF Influent Pump Station Repair
 - Scope includes repair and recoating of chemical resistant coatings in influent pump station wetwell, headworks structure, and approach manhole as well as removal and replacement of influent pump discharge piping and installation of odor control equipment
 - Notice to Proceed issued – 9/11/2023
 - Tentative Contract Completion – 12/20/2023
 - Contract cost - \$598,563
 - Completed to Date - \$25,834

Projects in Construction

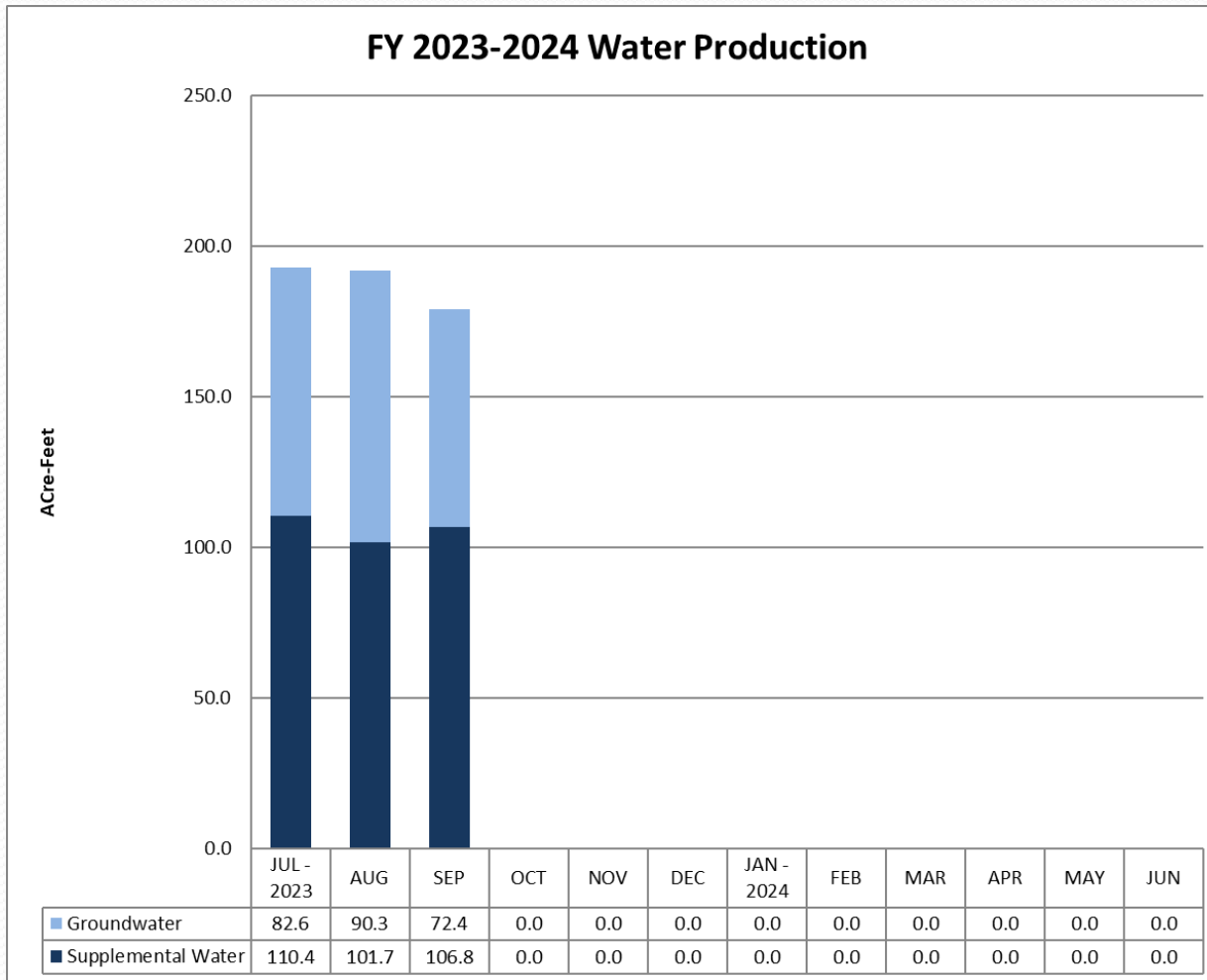
- District Office Generator
 - Generator and automatic transfer switch received
 - Concrete pad poured in-house
 - Work Order for generator installation on pad issued
 - Work Order for electrical work issued
- Operations Building Roof Replacement
 - Roof replacement completed
 - Gutter replacement pending

Projects in Design

- Frontage Road Trunk Sewer Replacement
 - 90% design review in progress
 - Caltrans Encroachment Permit application submitted
 - SLO County Encroachment Permit application submitted
- Woodgreen Lift Station Replacement
 - Final design in progress
 - Plan to bid with Blacklake Sewer System Consolidation Project Lift Station
- Foothill Tank Land Acquisition
 - Land acquisition in progress
- Supplemental Water Project Interconnects
 - Final design in progress

Operations – Water System

FY 2023-2024 Water Production



Supplemental Water	319 AF
Groundwater	245 AF
FY 23-24 Total Production To Date	564 AF

Operations – Water System

- **Regulatory**

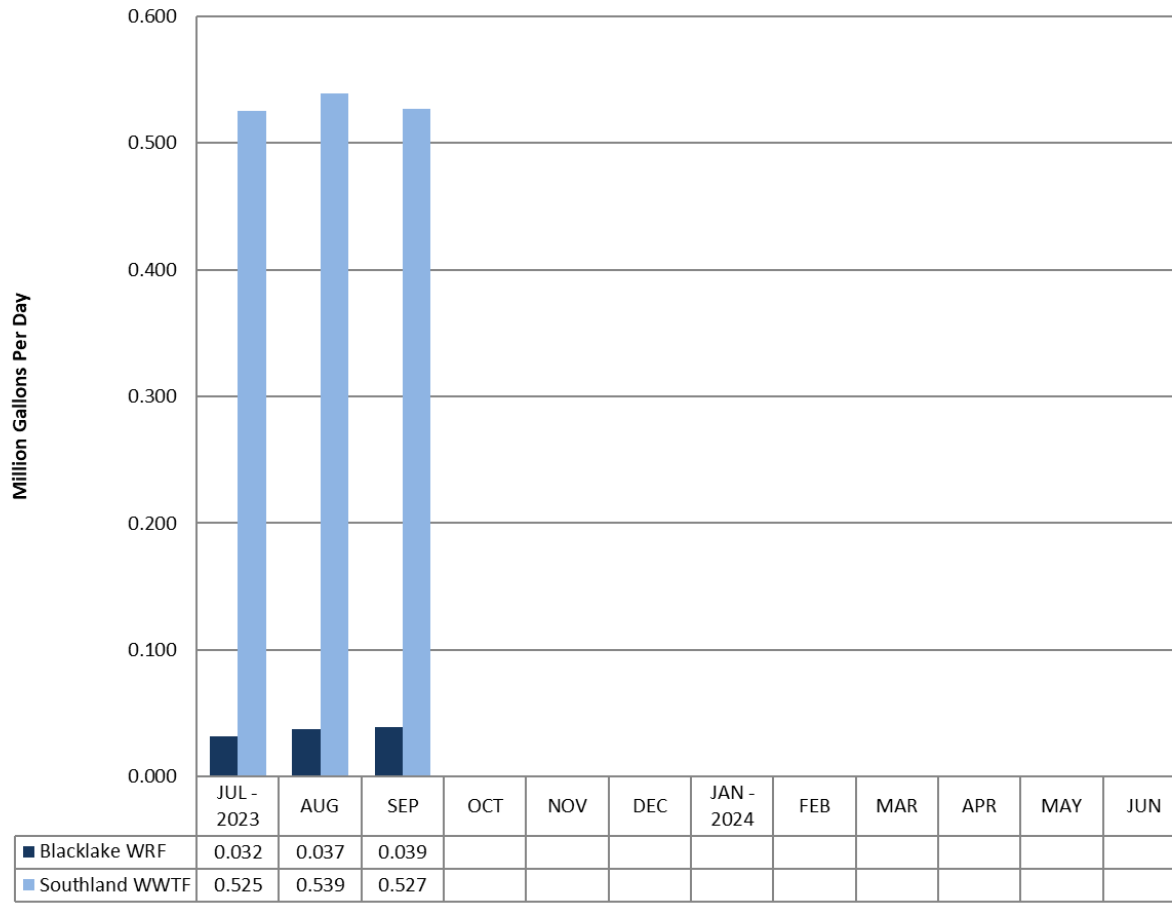
- State Water Resources Control Board Division of Drinking Water
 - Submitted routine monthly coliform, quarterly raw water coliform, quarterly nitrate, quarterly disinfection byproducts

- **Other Water Operations**

- Completed annual calibration of water production meters
- Completed inspections of 6 water tanks
- Completed annual preventive maintenance on all instrumentation and SCADA control panels

Operations – Wastewater

FY 2023-2024 Average Daily Flow



Blacklake WRF	3.2 MG
Southland WWTF	48.8 MG
FY 23-24 Total Wastewater Flow Treated To Date	52.0 MG or 160 AF

Operations – Wastewater System

- **Regulatory**

- State Water Resources Control Board
 - Routine monthly and quarterly reports submitted for Southland WWTF
 - New semi-annual report submitted for the Blacklake WRF

- **Other Wastewater Operations**

- Modified Southland WWTF Blower #1 and #2 air discharge piping to reduce vibration issues
- Completed annual preventive maintenance on all instrumentation and SCADA control panels

Engineering and Operations

Questions