

Engineering and Operations Update – October 2022 to December 2022



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Acting District Engineer
Nipomo Community Services District
February 8, 2023

Projects in Construction

Nipomo Palms Lift Station Replacement

- Contract cost – \$918,368
- Revised contract cost - \$866,827
- Notice to Proceed Issued – 5/17/2021
- District furnishing pumps - \$53,000
- Revised project completion date – 2/2023
- Construction in progress



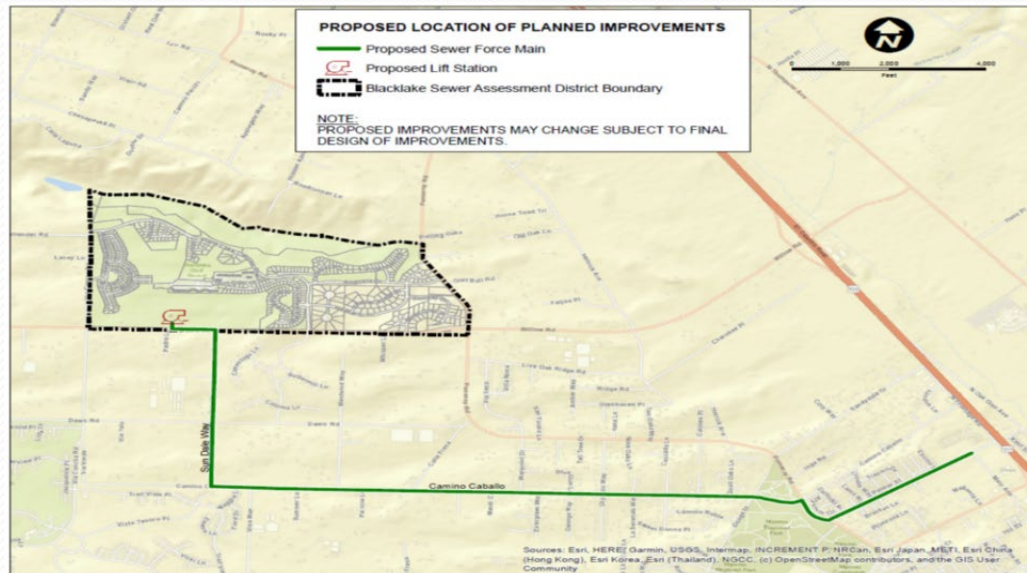
Projects in Construction

- Branch Street Watermain Replacement
 - Construction contract awarded – 12/2022
 - Contract cost - \$793,864
 - Notice to Proceed anticipated – 2/13/2023
- Branch Street Watermain Replacement
 - Construction contract awarded – 1/2023
 - Contract cost - \$4,705,801.50
 - Notice to Proceed anticipated – 2/2023

Projects in Bid Stage

- District Office Generator
 - Generator and automatic transfer switch received
 - Anticipated bid award – 3/2023
- Southland WWTF Influent Pump Station Repair
 - Bid documents complete
 - Anticipated bid award – 6/2023

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
 - Submitted application to RWQCB to enroll facility in general order for facilities with flows less than 100,000 gallons per day in order to minimize compliance costs for existing facility
 - Anticipate to cancel new permit once Blacklake WRF is decommissioned
- Southland WWTF permitting in progress
 - RWQCB has advised District that facility needs new permit in order to accept flow from Blacklake Sewer Service area and suggested enrollment in general permit for facilities with flows greater than 100,000 gallons per day
 - Finalizing Report of Waste Discharge for Southland WWTF for submittal to RWQCB

Blacklake Sewer System Consolidation Project

Major Task Status

- Design Status
 - Project plans and specifications separated so that force main and lift station can be bid separately
 - Force main construction contract awarded to R. Baker, Inc.
 - 100% lift station plans and specifications pending completion of CEQA process
 - Lift station contractor prequalification pending completion of CEQA process
- CEQA
 - Mitigated Negative Declaration (MND) complete
 - 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	3/2023
Construction Permitting Completion	12/2021	10/2022	5/2023
Board Authorization to Pre-Qualify	1/2022	7/2022	5/2023
Board Authorization to Bid	3/2022	10/2022	7/2023
Board Construction Contract Award	6/2022	1/2023	11/2023
Construction Completion	3/2024	1/2024	3/2025

Blacklake Sewer System Consolidation Project

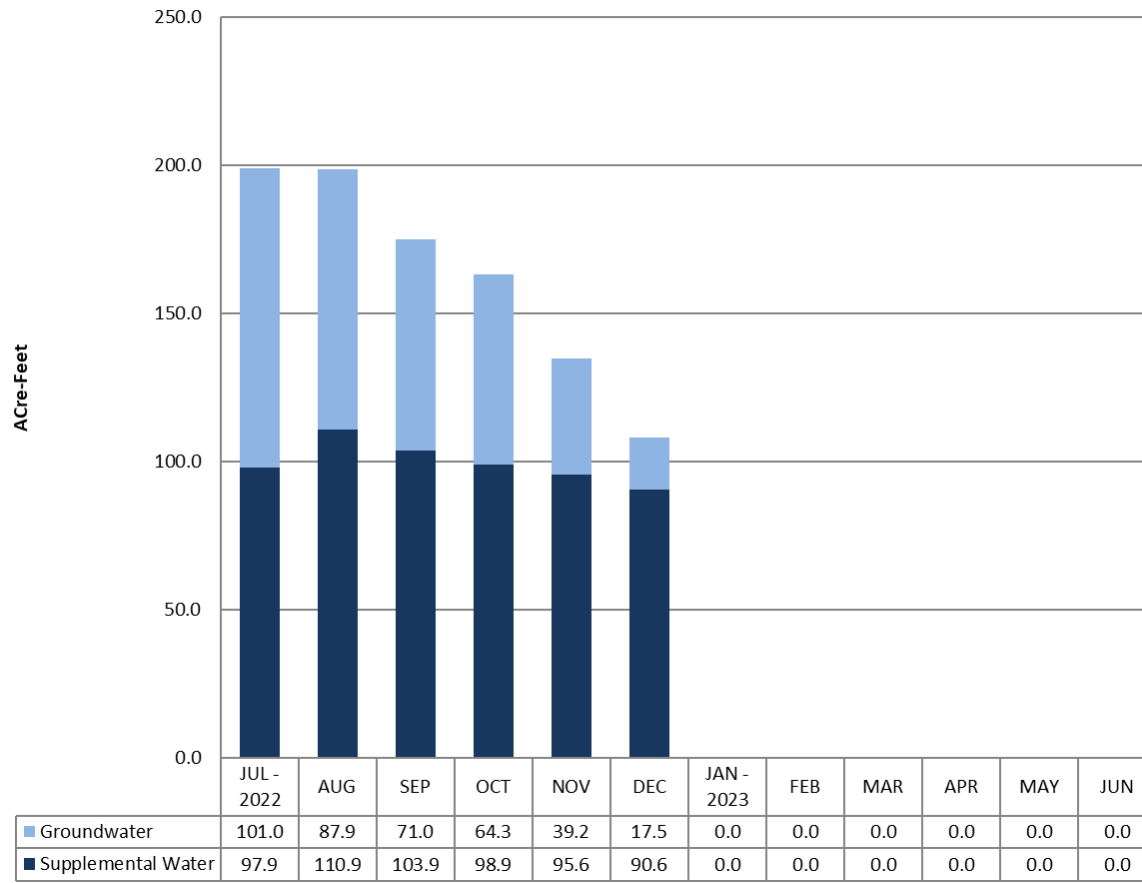
Item Description	Project Budget Costs	Actual Costs to Date	% Budget Actual Costs to Date
1 Blacklake Lift Station	\$ 605,550	\$ -	0.0%
2 Force Main	\$ 5,162,350	\$ 9,400.00	0.2%
3 WRF Demolition	\$ 915,400	\$ -	0.0%
4 Construction Subtotal	\$ 6,683,300	\$ 9,400.00	0.1%
5 Permitting (CEQA)	\$ 116,240	\$ 57,168.64	49.2%
6 Engineering Design	\$ 871,800	\$ 592,260.62	67.9%
7 Construction Management and Inspection	\$ 871,800	\$ 2,090.00	0.2%
8 CEQA/Design/CM Subtotal	\$ 1,859,840	\$ 651,519.26	35.0%
9 Contingency	\$ 1,743,600	\$ -	0.0%
10 Total Project Cost	\$ 10,286,740	\$ 660,919.26	6.4%
Status Report Date 12/31/2022			

Other Projects in Design

- Frontage Road Trunk Sewer Replacement
 - Preliminary design initiated
- Foothill Tank Land Acquisition
 - Mitigated Negative Declaration (MND) complete
- Sundale Well Nitrate Analyzer
 - Design initiated

Operations – Water System

FY 2022-2023 Water Production



Supplemental Water	597.9 AF
Groundwater	381.0 AF
FY 21-22 Total Production To Date	978.8 AF

Operations – Water System

- **Regulatory**

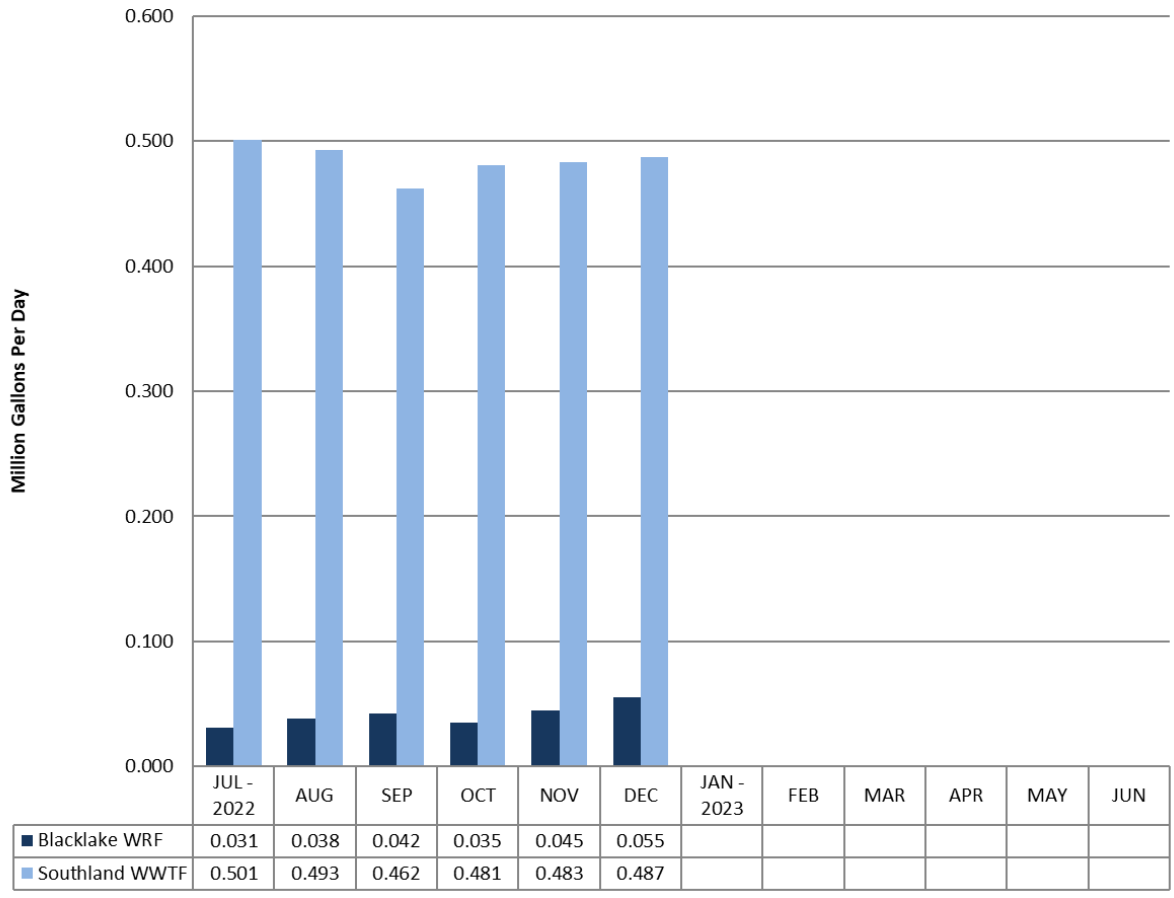
- State Water Resources Control Board Division of Drinking Water
 - Submitted routine monthly coliform, quarterly raw water coliform, quarterly nitrate, quarterly disinfection byproducts

- **Other Water Operations**

- Completed annual electrical system preventative maintenance
- Completed extended pump test for Sundale Well
- Valve replacement project scheduled 2/2023

Operations – Wastewater

FY 2022-2023 Average Daily Flow



Blacklake WRF	7.6 MG
Southland WWTF	89.2 MG
FY 22-23 Total Wastewater Flow Treated To Date	96.8 MG or 297 AF

Operations – Wastewater System

- **Regulatory**

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

- **Other Wastewater Operations**

- Completed annual electrical system preventative maintenance
- Completed annual clarifier maintenance and inspection
- Continued Biobot sampling
- Emergency replacement of discharge piping at Bracken Lift Station

Engineering and Operations

Questions