

# Engineering and Operations Update – January 2023 to March 2023



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Nipomo Community Services District  
April 26, 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 – 5/2023
- Construction completed



# 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
  - Construction contract awarded – 12/2022
  - Contract cost - \$793,864
  - Notice to Proceed anticipated – 4/2023

# Projects in Construction

- Blacklake Sewer System Consolidation Project
  - Scope includes 21,000 linear feet of sewer pipe installed by open cut and directional drilling methods, pavement restoration, and related appurtenances
  - Construction contract awarded – 1/2023
  - Contract cost - \$4,705,801.50
  - Notice to Proceed anticipated – 4/2023

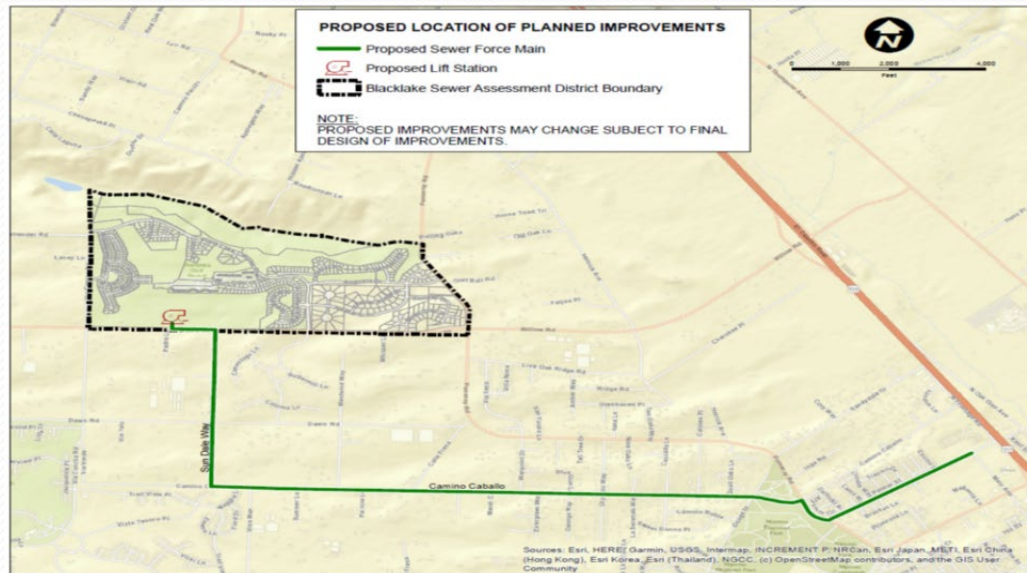
# Projects in Construction

- Sundale Well Nitrate Analyzer
  - Scope includes installation of on-line nitrate analyzer and modification of controls as well as SCADA
  - Construction contract awarded – 1/2023
  - Contract cost - \$24,340
  - Installation in progress

# Projects in Bid Stage

- District Office Generator
  - Generator and automatic transfer switch received
  - Anticipated bid award for installation – 6/2023
- Southland WWTF Influent Pump Station Repair
  - Tentative Board Authorization to Bid 4/2023
  - 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 in 5/2022 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
  - 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
  - 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. 1/2023
  - 100% lift station plans and specifications pending completion of permitting process
  - Lift station contractor prequalification pending completion of permitting process
- 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	7/2023
Construction Permitting Completion	12/2021	10/2022	7/2023
Board Authorization to Pre-Qualify	1/2022	7/2022	7/2023
Board Authorization to Bid	3/2022	10/2022	9/2023
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	0.2%
3 WRF Demolition	\$ 915,400	\$ -	0.0%
<b>4 Construction Subtotal</b>	<b>\$ 6,683,300</b>	<b>\$ 9,400</b>	<b>0.1%</b>
5 Permitting (CEQA)	\$ 116,240	\$ 67,739	58.3%
6 Engineering Design	\$ 871,800	\$ 602,462	69.1%
7 Construction Management and Inspection	\$ 871,800	\$ 2,090	0.2%
<b>8 CEQA/Design/CM Subtotal</b>	<b>\$ 1,859,840</b>	<b>\$ 672,291</b>	<b>36.1%</b>
9 Contingency	\$ 1,743,600	\$ -	0.0%
<b>10 Total Project Cost</b>	<b>\$ 10,286,740</b>	<b>\$ 681,691</b>	<b>6.6%</b>

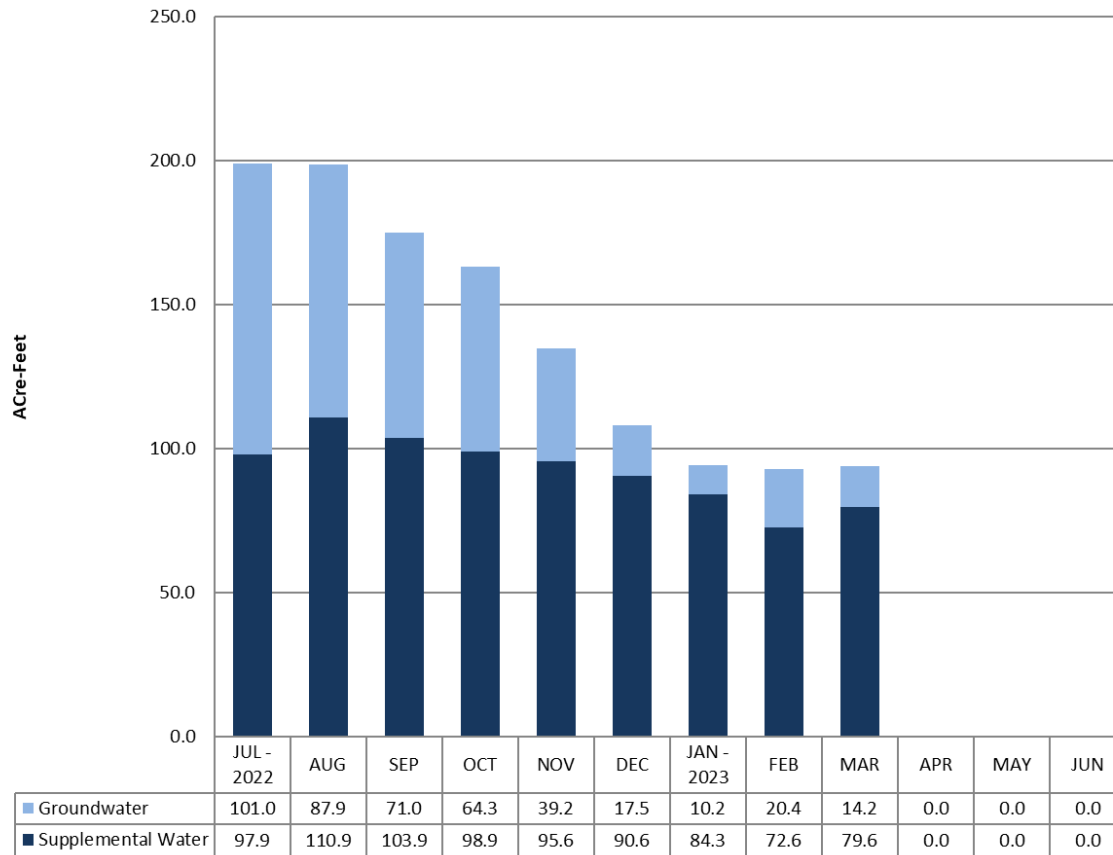
Status Report Date 3/31/2023

# Other Projects in Design

- Woodgreen Lift Station Replacement
  - Final design in progress
- Frontage Road Trunk Sewer Replacement
  - Project Design Report Pending
- Foothill Tank Land Acquisition
  - Land Acquisition in progress
- Supplemental Water Project Interconnects
  - Final design in progress

# Operations – Water System

**FY 2022-2023 Water Production**



<b>Supplemental Water</b>	<b>834.4 AF</b>
<b>Groundwater</b>	<b>425.7 AF</b>
<b>FY 22-23 Total Production To Date</b>	<b>1260.1 AF</b>

# Operations – Water System

- **Regulatory**

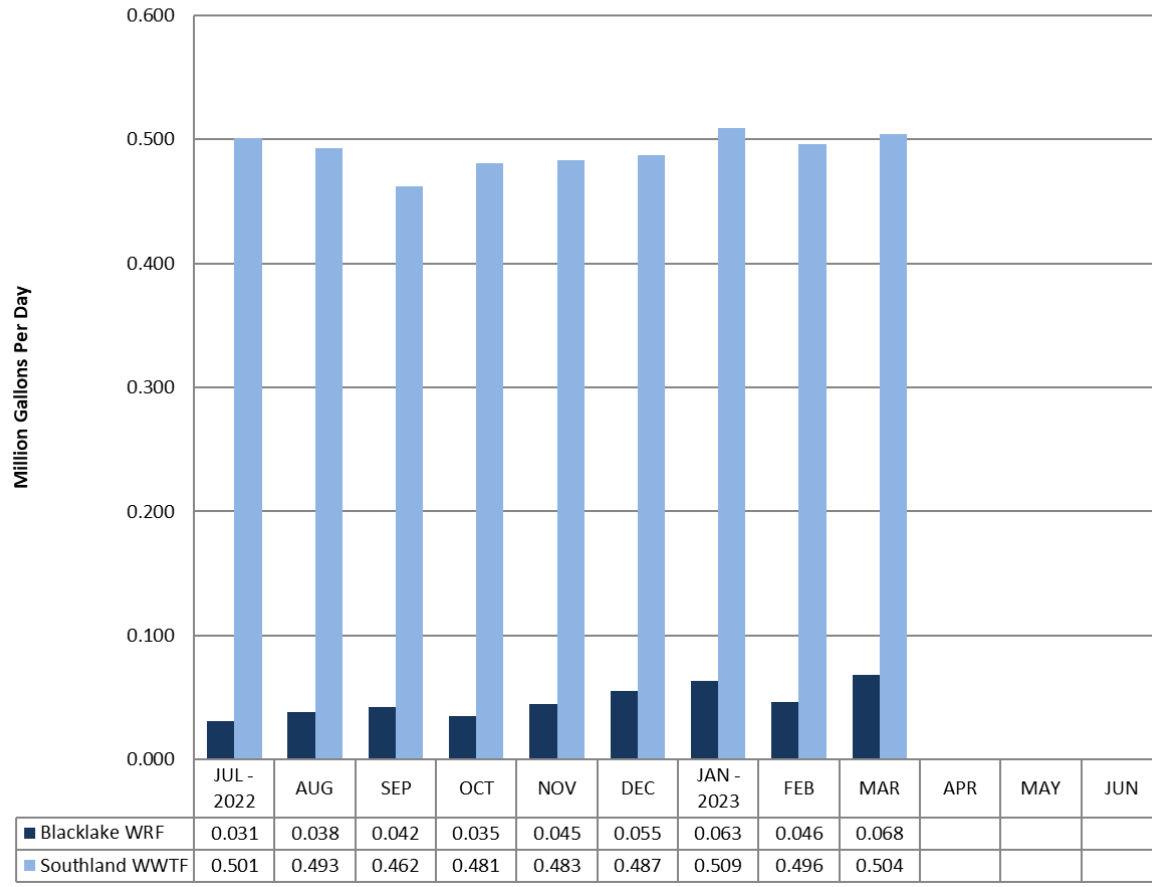
- State Water Resources Control Board Division of Drinking Water
  - Submitted routine monthly coliform, quarterly raw water coliform, quarterly nitrate, quarterly disinfection byproducts

- **Other Water Operations**

- Hired two new Water Operator 1's
- Migrated WIMS to District server
- Replaced 9 distribution valves in Old Town

# Operations – Wastewater

**FY 2022-2023 Average Daily Flow**



<b>Blacklake WRF</b>	<b>12.9 MG</b>
<b>Southland WWTF</b>	<b>134.5 MG</b>
<b>FY 22-23 Total Wastewater Flow Treated To Date</b>	<b>147.4 MG or 452 AF</b>

# Operations – Wastewater System

- **Regulatory**

- State Water Resources Control Board
  - Routine monthly and quarterly reports submitted
  - Submitted annual reports for the Southland Wastewater Treatment Facility and Blacklake Reclamation Facility

- **Other Wastewater Operations**

- Commissioned new Nipomo Palms lift station
- Hired new Wastewater Operator 1
- Migrated WIMS to District server



# Engineering and Operations

## Questions