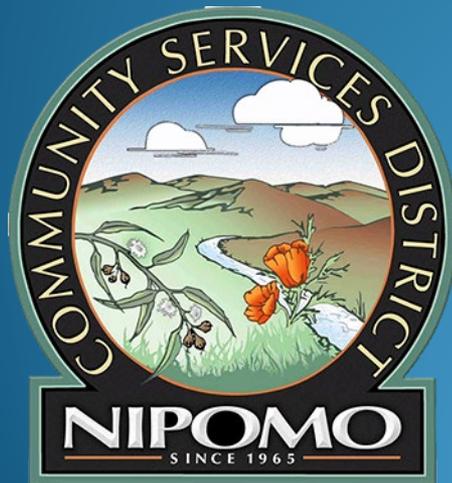


# Engineering and Operations Update – July 2021 to September 2021



Peter V. Sevcik, P.E.  
Director of Engineering and Operations  
Nipomo Community Services District  
October 27, 2021

# Completed Project

## Southland WWTF Blower #3

- Total construction cost - \$126,470
- Completed 8/2021



# Project in Close Out Stage

## Southland WWTF Screw Press

- Contract Cost – \$978,523
- Notice to Proceed Issued – 12/21/2020
- Contract close out pending



# Projects in Construction

## Supplemental Water Project Joshua Road Pump Station Pump #1-4 Improvements

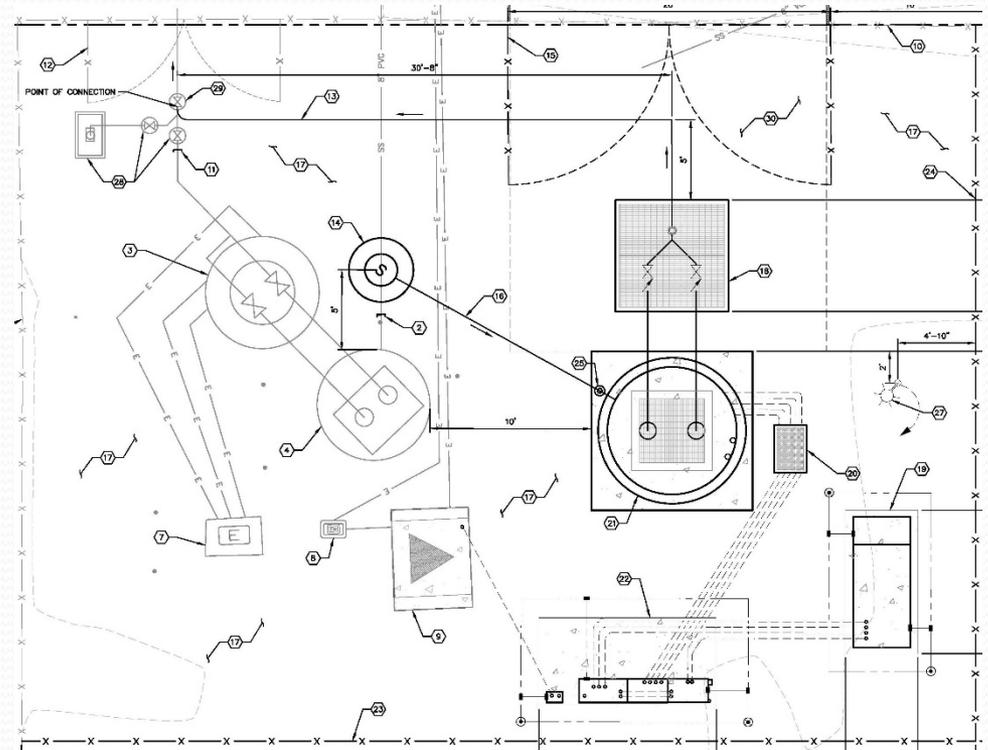
- Contract cost - \$396,059
- Notice to proceed issued – 8/19/2020
- Revised projected completion date – 1/18/2022
- Pump delivery impacted by COVID-19
- Factory pump testing completed



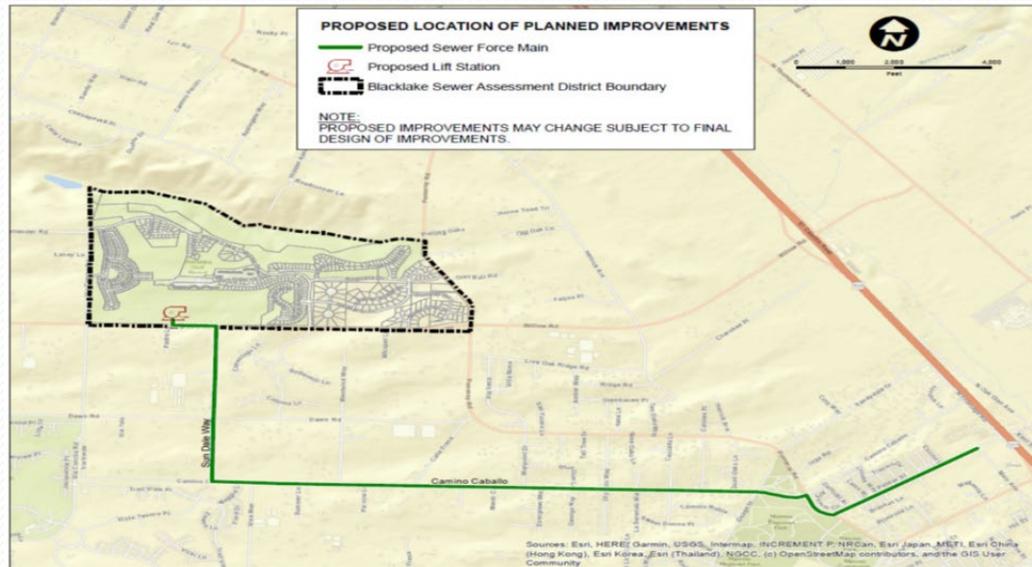
# Projects in Construction

## Nipomo Palms Lift Station Replacement

- Contract cost – \$918,368
- Notice to Proceed Issued – 5/17/2021
- Revised project completion date – 3/23/2022
- Pump and generator delivery impacted by COVID-19
- 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

## Contracts to Date

- Permitting assistance contract approved – 7/2020
  - Southland WWTF and Blacklake WRF permitting in progress
- Design contract for lift station and force main approved – 8/2020
  - 90% design review in progress
- Flow monitoring contract approved – 10/2020
  - Completed
- CEQA contract approved – 12/2020
  - Preparation of Mitigated Negative Declaration (MND) in progress

# Blacklake Sewer System Consolidation Project

## California Environmental Quality Act (CEQA) Compliance

- Preparation of Mitigated Negative Declaration (MND) in progress
- California Red Legged Frog (CRLF) habitat assessment
  - Field survey identified CRLF in effluent discharge pond on golf course
  - District will need to obtain USFWS Section 10 Incidental Take Permit before construction can begin
  - Expected to delay bidding for 12 months
- Botanical surveys
  - Field surveys did not identify protected species
- Cultural resources
  - Native American Heritage Committee records search completed
  - Field survey did not identify cultural resources
  - Tribal consultation is pending

# Blacklake Sewer System Consolidation Project

<b>Schedule milestones</b>	<b>Original</b>	<b>New</b>
• Design completion –	12/2021	12/2022
• Permitting completion –	12/2021	12/2022
• Board authorization to bid –	1/2022	1/2023
• Board construction contract award –	5/2022	5/2023
• Construction completion date –	3/2024	3/2025

# Other Projects in Design

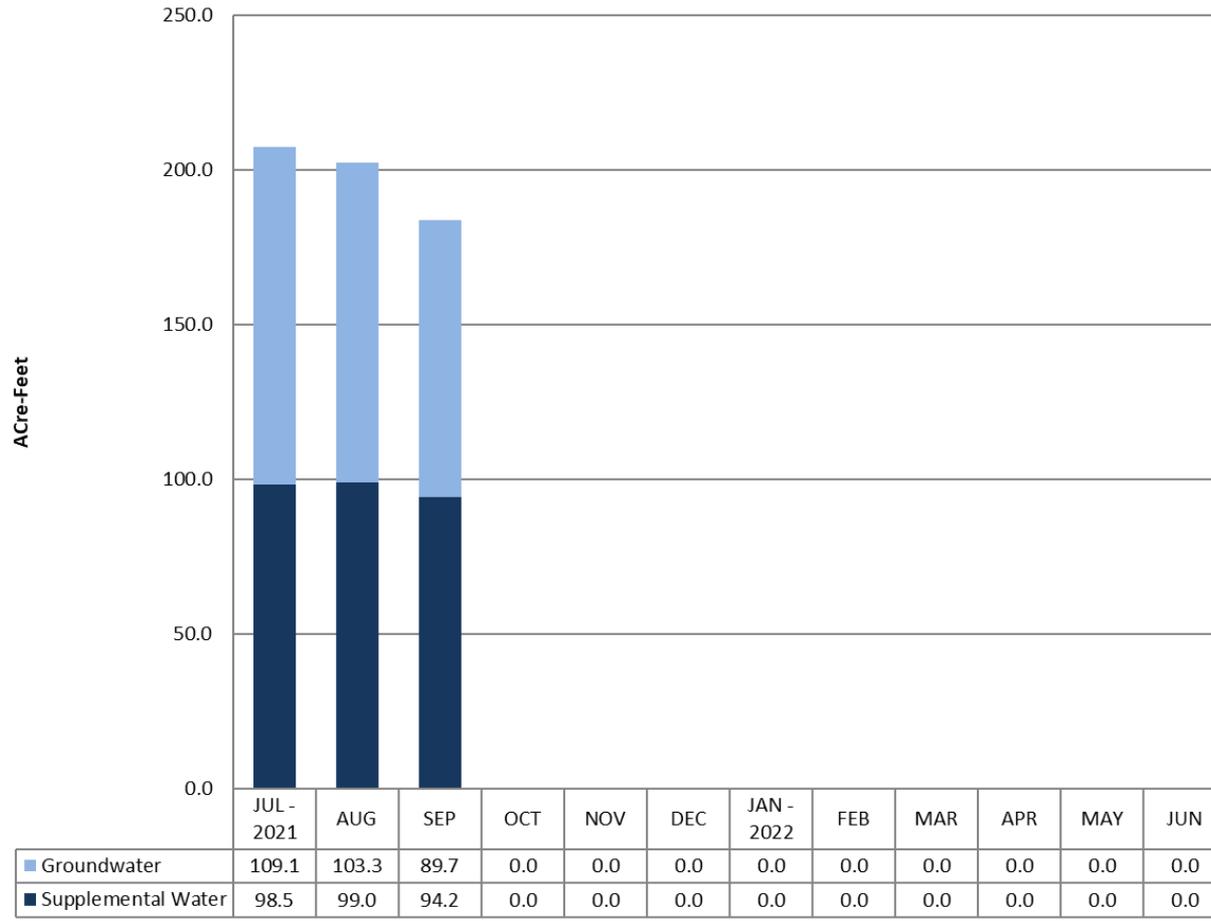
- Eureka Well #2 Pump and Controls
  - 100% design in progress
- Branch Street Watermain Replacement
  - 100% design in progress
- Woodgreen Lift Station
  - 90% design in progress

# Other Projects in Design

- District Office Generator
  - 100% design in progress
- Supplemental Water Project Interconnects
  - Woodlands easement recorded
  - Design on hold
- Foothill Tank Land Acquisition
  - Preparation of Mitigated Negative Declaration (MND) in progress

# Operations – Water System

**FY 2021-2022 Water Production**



<b>Supplemental Water</b>	<b>291.7 AF</b>
<b>Groundwater</b>	<b>302.0 AF</b>
<b>FY 21-22 Total Production To Date</b>	<b>593.7 AF</b>

# Operations – Water System

- **Regulatory**

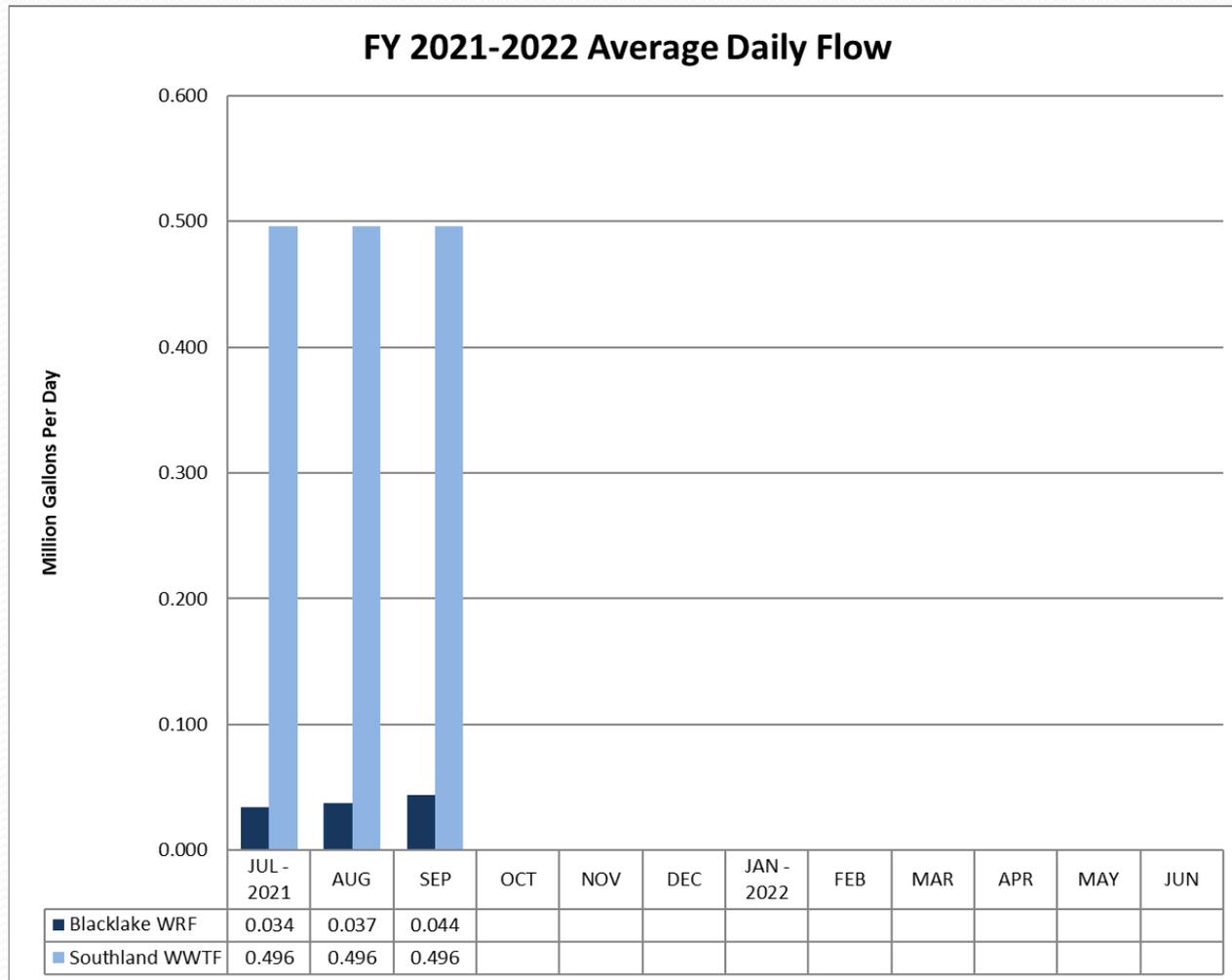
- State Water Resources Control Board Division of Drinking Water
  - Submitted routine monthly coliform, quarterly raw water coliform, quarterly nitrate, quarterly disinfection byproducts
  - Submitted triannual lead and copper sampling report
  - Submitted 6 year radiological sample report for Knollwood Well
  - Water system inspection - 2021 Sanitary Survey

- **Other Water Operations**

- Completed annual instrumentation preventive maintenance
- 3 water main leaks

# Operations – Wastewater

**FY 2021-2022 Average Daily Flow**



<b>Blacklake WRF</b>	<b>3.5 MG</b>
<b>Southland WWTF</b>	<b>45.6 MG</b>
<b>FY 21-22 Total Wastewater Flow Treated To Date</b>	<b>49.1 MG or 151 AF</b>

# Operations – Wastewater System

- **Regulatory**

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

- **Other Wastewater Operations**

- Completed annual instrumentation preventive maintenance
- Southland WWTF Gravity belt thickener out of service due to failed drive belt motor – parts ordered

# COVID-19 Response Current Status

- Following CDC, state and local guidance
- Most operations employees vaccinated
- Staff working normal schedule
- Performing normal operations and maintenance tasks
- Monitoring inventory and availability of critical services, materials and supplies
- Continuing work on construction projects but schedules are being impacted due to delivery delays of equipment

# Engineering and Operations

## Questions