

Engineering and Operations Update – April 2021 to June 2021



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Nipomo Community Services District
July 28, 2021

Projects in Construction

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

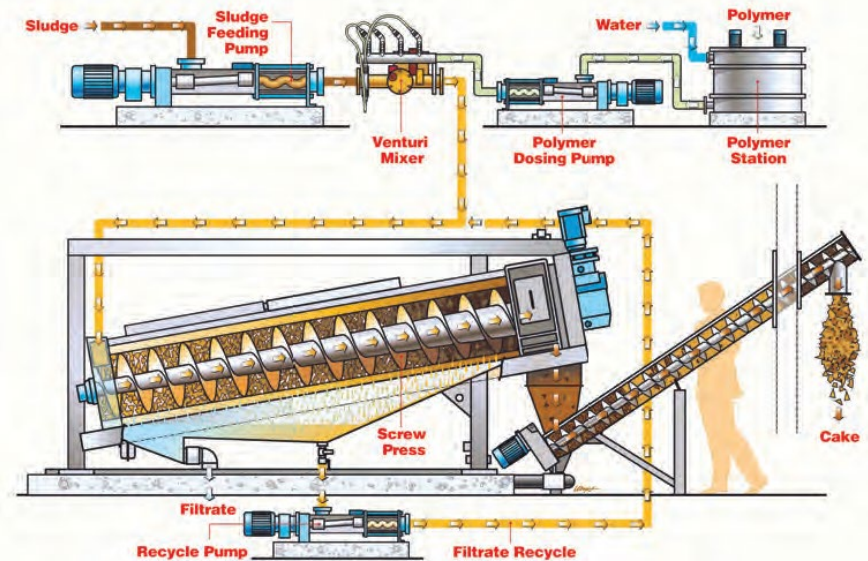
- Contract cost - \$385,149
- Notice to proceed issued – 8/19/2020
- Original projected completion date – 5/3/2021
- Revised projected completion date – 9/2021
- Pump delivery impacted by COVID-19
- Factory pump testing in progress



Projects in Construction

Southland WWTF Screw Press

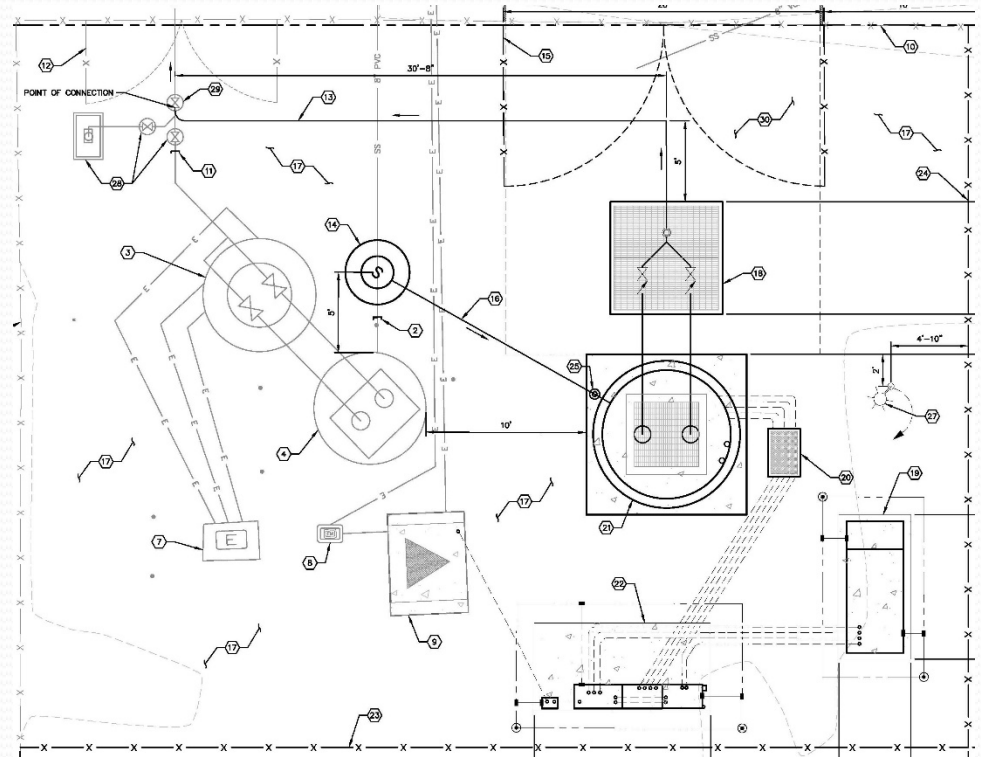
- Contract Cost – \$969,200
- Notice to Proceed Issued – 12/21/2020
- Projected Completion Date – 11/15/2021
- Performance testing pending



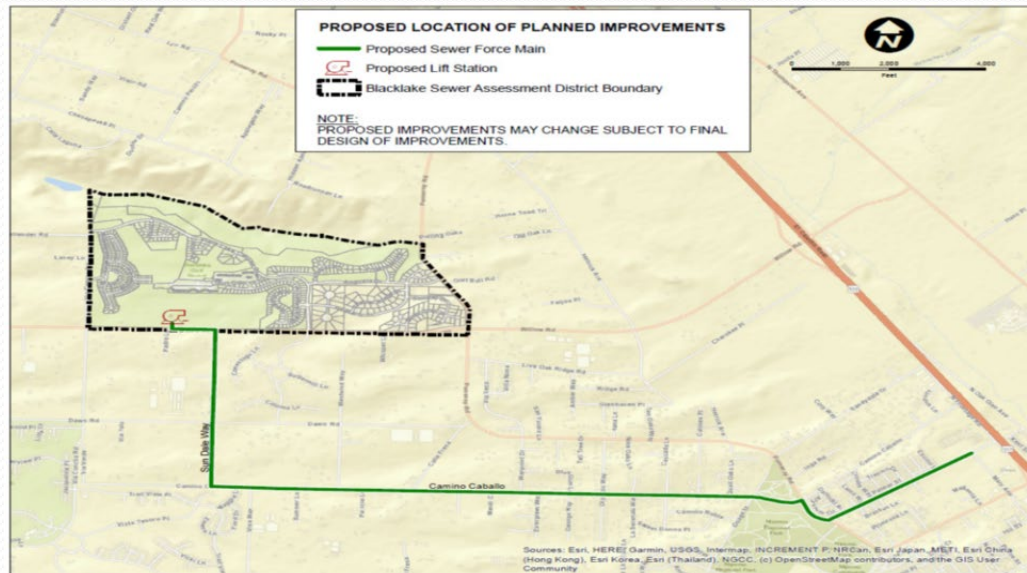
Projects in Construction

Nipomo Palms Lift Station Replacement

- Contracted awarded – 3/24/2021
- Notice to Proceed Issued – 5/17/2021
- Project completion date – 2/11/2022
- Submittal review 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
 - 60% design review in progress
- Flow monitoring contract approved – 10/2020
 - Completed
- CEQA contract approved – 12/2020
 - Initial study in progress

Blacklake Sewer System Consolidation Project

Schedule milestones

- Design completion – 12/2021
- Permitting completion – 12/2021
- Board authorization to bid – 1/2022
- Board construction contract award – 5/2022
- Construction completion date – 3/2024

Blacklake Sewer System Consolidation Project

California Environmental Quality Act (CEQA) Compliance

- Project Description and Notice of Preparation
- California Red Legged Frog habitat assessment
 - Survey in early April
 - Informal consultation with US Fish and Wildlife Service pending
- Botanical surveys
 - Field survey results pending
- Cultural resources
 - Native American Heritage Committee records search completed
 - Field survey results pending
 - Tribal consultation once field survey results are available

Other Projects in Design

Southland WWTF Blower #3

- Board authorization to purchase equipment – 1/13/2021
- Blower installed
- VFD installation in progress
- Completion anticipated – 8/2021

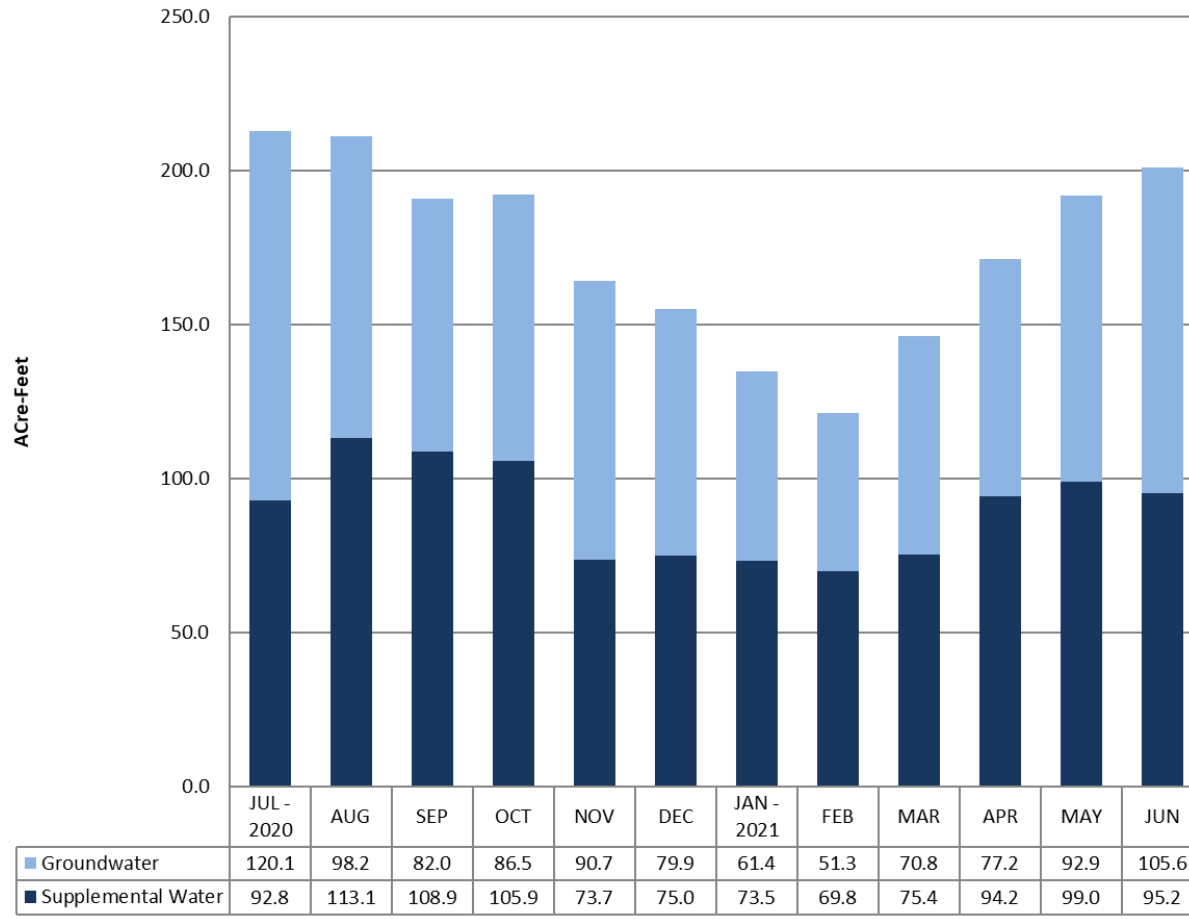


Other Projects in Design

- Eureka Well #2 Pump and Controls
 - 90% design review in progress
- Branch Street Watermain Replacement
 - 90% design in progress
- Woodgreen Lift Station
 - 90% design in progress
- Supplemental Water Project Interconnects
 - Woodlands easement pending
- District Office Generator
 - 30% design review in progress

Operations – Water System

FY 2020-2021 Water Production



Supplemental Water	1076.7 AF
Groundwater	1016.7 AF
FY 20-21 Total Production To Date	2093.4 AF

Operations – Water System

- **Regulatory**

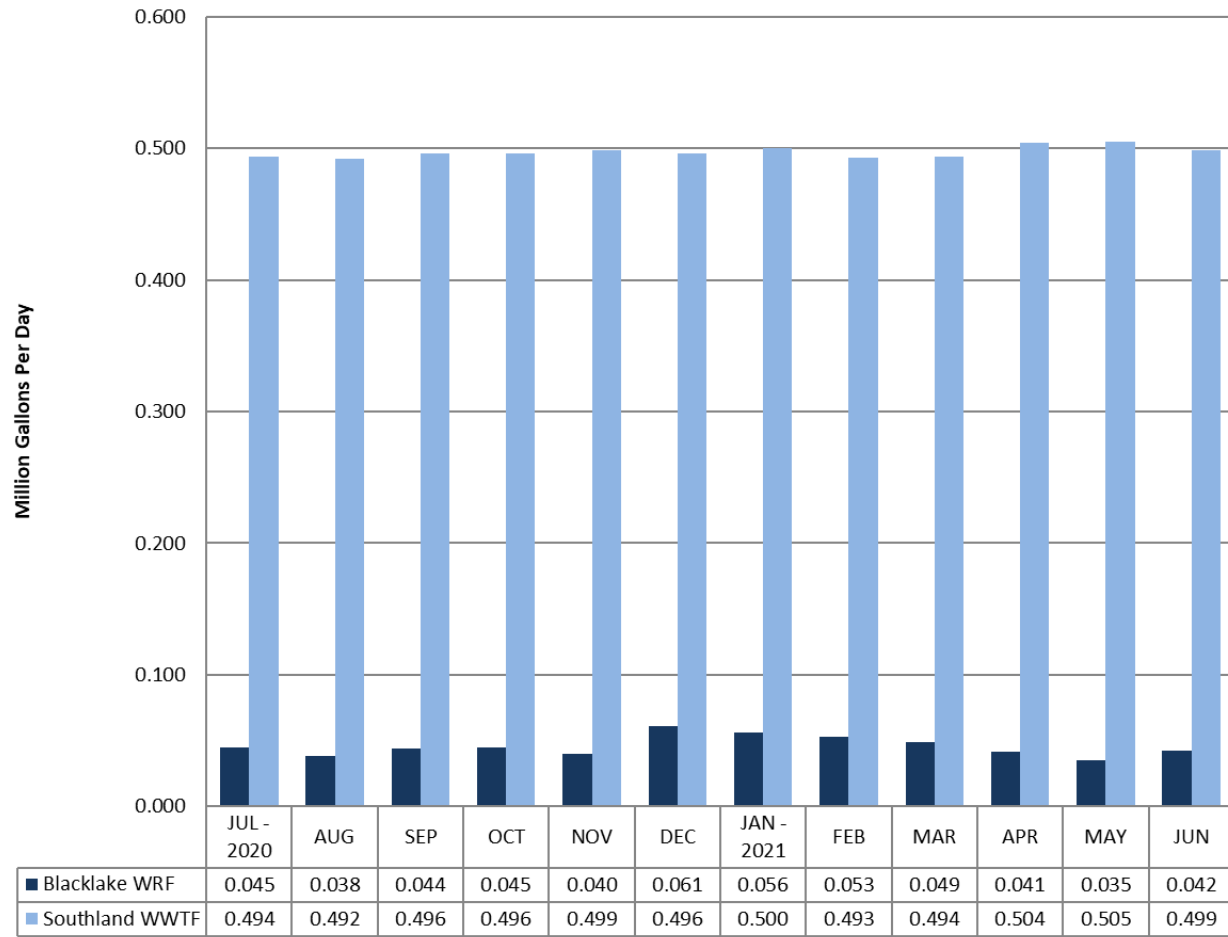
- State Water Resources Control Board Division of Drinking Water
 - Submitted routine monthly coliform, quarterly raw water coliform, quarterly nitrate, quarterly disinfection byproducts
 - Prepare and submitted annual water system report

- **Other Water Operations**

- Water system data management software implementation completed
- Completed water system risk assessment and submitted certification to USEPA

Operations – Wastewater

FY 2020-2021 Average Daily Flow



Blacklake WRF	16.5 MG
Southland WWTF	181.6 MG
FY 20-21 Total Wastewater Flow Treated To Date	198.1 MG or 608 AF

Operations – Wastewater System

- **Regulatory**

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

- **Other Wastewater Operations**

- Blower #1 back on line
- Blower #2 failure
- Plants installed along 101 frontage

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