

Engineering and Operations Update – July 2022 to September 2022



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Nipomo Community Services District
October 12, 2022

Projects in Construction

Nipomo Palms Lift Station Replacement

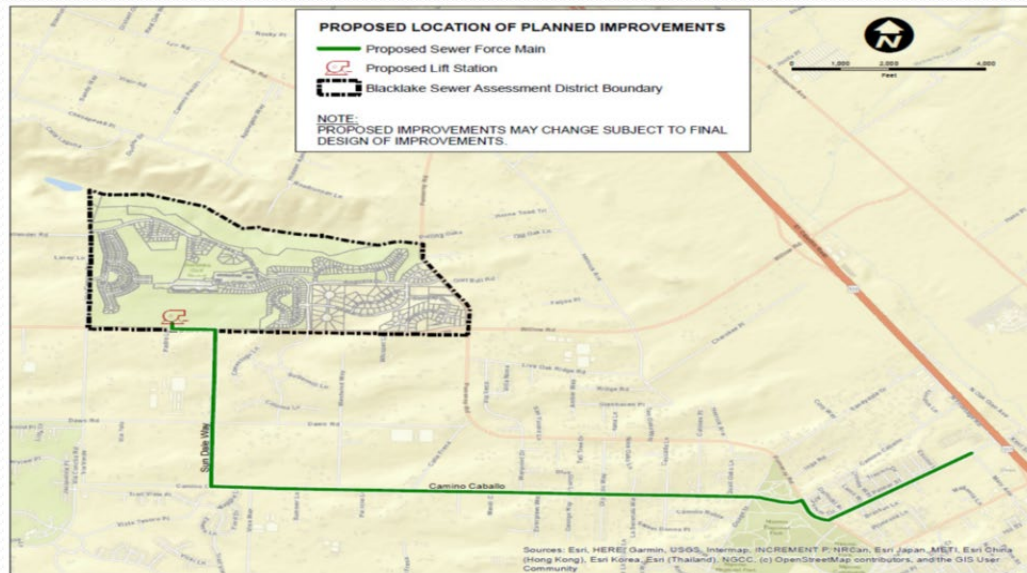
- Contract cost – \$918,368
- Revised contract cost - \$861,795
- Notice to Proceed Issued – 5/17/2021
- District furnishing pumps - \$53,000
- Revised project completion date – 1/2023
- Construction in progress



Projects in Bid Stage

- Eureka Well #2 Pump and Controls
 - Completed contractor pre-qualification process
 - Bid documents completed
 - Anticipated bid award – 12/2022
- Branch Street Watermain Replacement
 - Bid document completion pending
 - Anticipated bid award – 12/2022
- District Office Generator
 - Generator and automatic transfer switch received
 - Anticipated bid award – 11/2022

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
 - 100% force main plans completed
 - 100% force main specifications pending completion of CEQA process
 - Force main contractor prequalification package submittals were due 9/30/2022 and are being evaluated
- CEQA
 - Public Draft Mitigated Negative Declaration (MND) circulation completed
 - 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 | 3/2023 |
| Board Authorization to Pre-Qualify | 1/2022 | 7/2022 | 3/2023 |
| Board Authorization to Bid | 3/2022 | 10/2022 | 6/2023 |
| Board Construction Contract Award | 6/2022 | 1/2023 | 9/2023 |
| Construction Completion | 3/2024 | 1/2024 | 3/2025 |

Blacklake Sewer System Consolidation Project

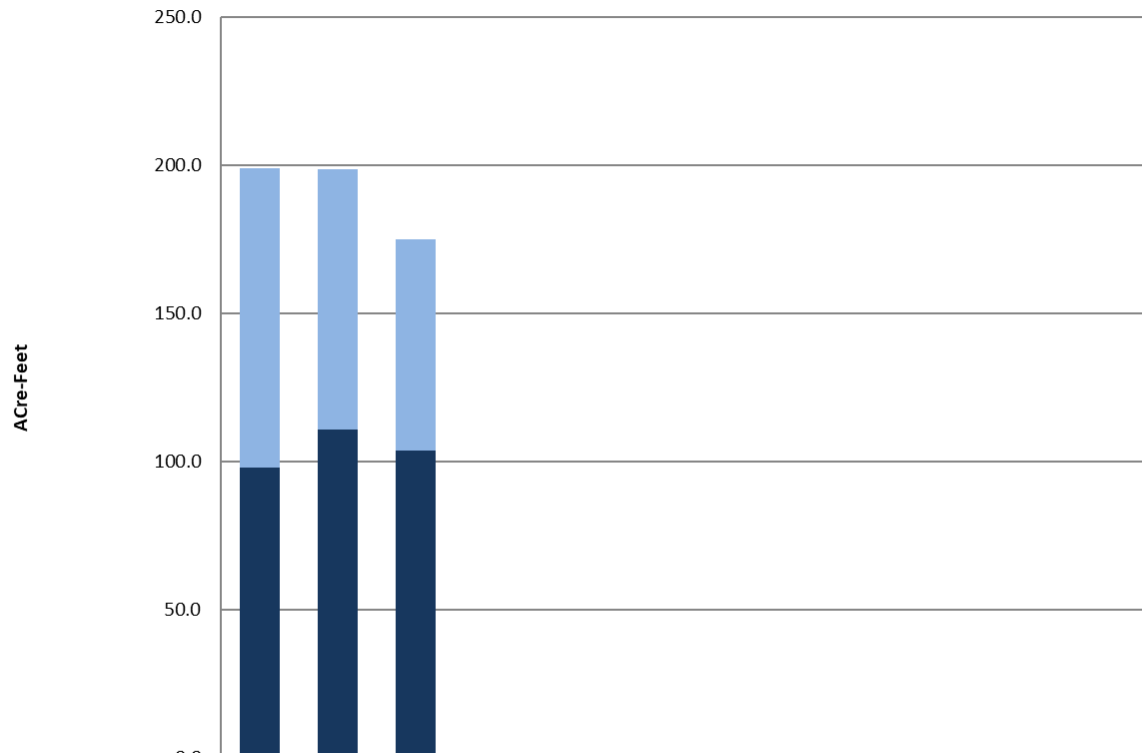
| Item Description | Project Budget Costs | Actual Costs to Date | % Budget Actual Costs to Date |
|--|----------------------|----------------------|-------------------------------|
| 1 Blacklake Lift Station | \$ 605,550 | \$ - | 0.0% |
| 2 Force Main | \$ 5,162,350 | \$ - | 0.0% |
| 3 WRF Demolition | \$ 915,400 | \$ - | 0.0% |
| 4 Construction Subtotal | \$ 6,683,300 | \$ - | 0.0% |
| 5 Permitting (CEQA) | \$ 116,240 | \$ 54,569.15 | 46.9% |
| 6 Engineering Design | \$ 871,800 | \$554,000.96 | 63.5% |
| 7 Construction Management and Inspection | \$ 871,800 | \$ 2,090.00 | 0.2% |
| 8 CEQA/Design/CM Subtotal | \$ 1,859,840 | \$610,660.11 | 32.8% |
| 9 Contingency | \$ 1,743,600 | \$ - | 0.0% |
| 10 Total Project Cost | \$10,286,740 | \$610,660.11 | 5.9% |
| Status Report Date 9/28/2022 | | | |

Other Projects in Design

- Frontage Road Trunk Sewer Replacement
 - Preliminary design initiated
- Foothill Tank Land Acquisition
 - Mitigated Negative Declaration (MND) completed
- Southland WWTF Influent Pump Station Repair
 - Final design in progress

Operations – Water System

FY 2022-2023 Water Production



| | |
|--|-----------------|
| Supplemental Water | 312.7 AF |
| Groundwater | 259.9 AF |
| FY 21-22 Total Production To Date | 572.7 AF |

Operations – Water System

- **Regulatory**

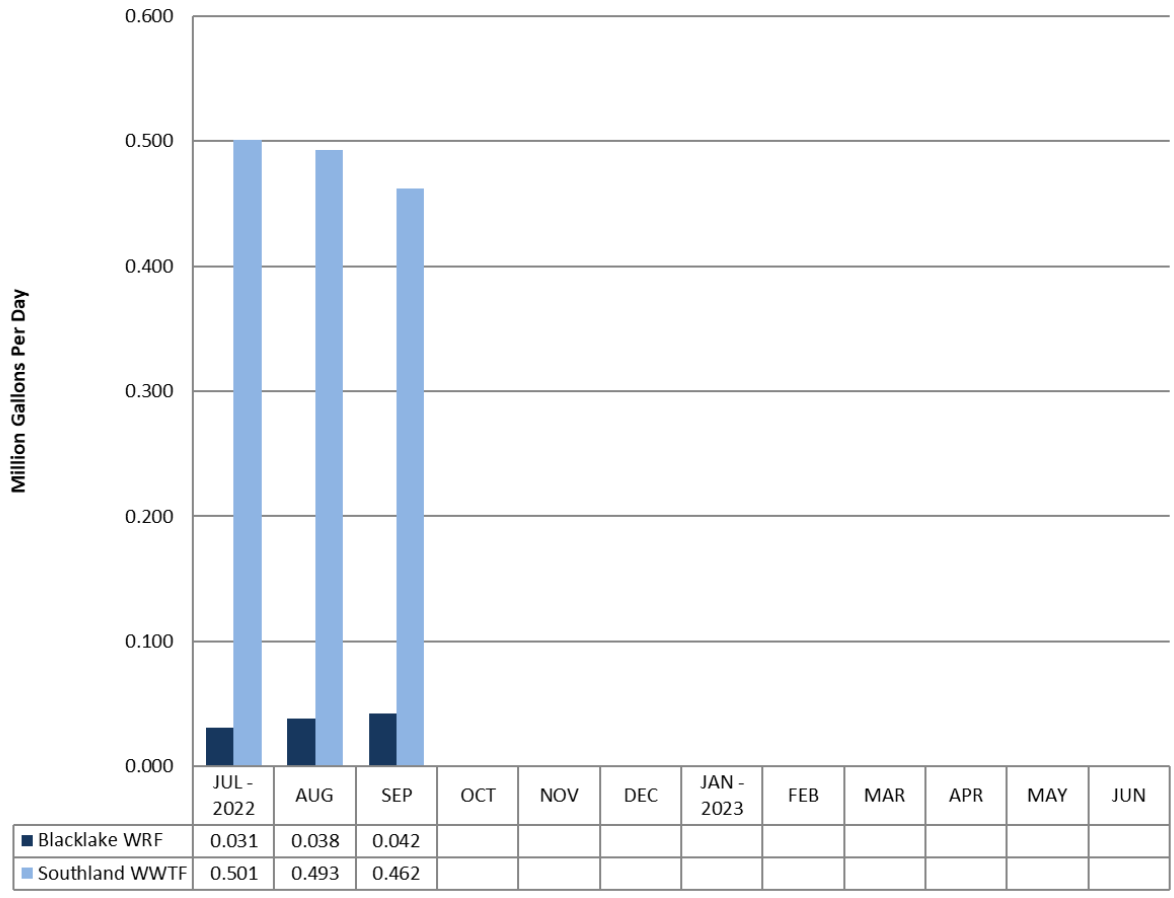
- State Water Resources Control Board Division of Drinking Water
 - Submitted routine monthly coliform, quarterly raw water coliform, quarterly nitrate, quarterly disinfection byproducts

- **Other Water Operations**

- Hired new Water Operator 1
- Outfitted new truck for Customer Service Specialist
- Developed plan for extended pump test of Sundale Well

Operations – Wastewater

FY 2022-2023 Average Daily Flow



| | |
|---|--------------------------|
| Blacklake WRF | 3.4 MG |
| Southland WWTF | 44.7 MG |
| FY 22-23 Total Wastewater Flow Treated To Date | 48.1 MG or 148 AF |

Operations – Wastewater System

- **Regulatory**

- State Water Resources Control Board
 - Routine monthly and quarterly reports submitted
 - Spill report for 9/2/2022 sewer overflow

- **Other Wastewater Operations**

- Rebuilt Maria Vista Lift Station Pump #2
- Emergency repair of sewer line upstream and downstream of Manhole 390 on Blue Spring

Engineering and Operations

Questions