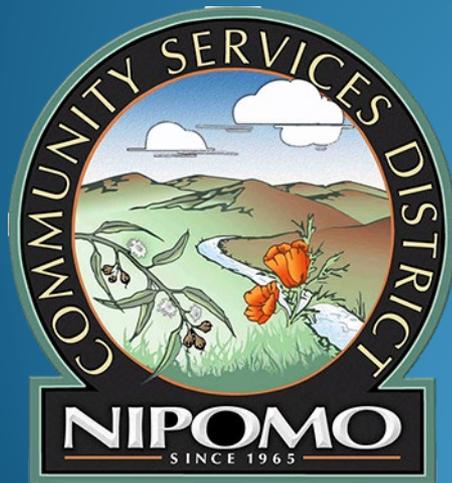


Engineering and Operations Update – October 2020 to December 2020



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

COVID-19 Response Current Status

- Following CDC, state and local guidance
- Monitoring health of staff
- Operations office access restricted to District staff
- 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

Projects in Construction

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

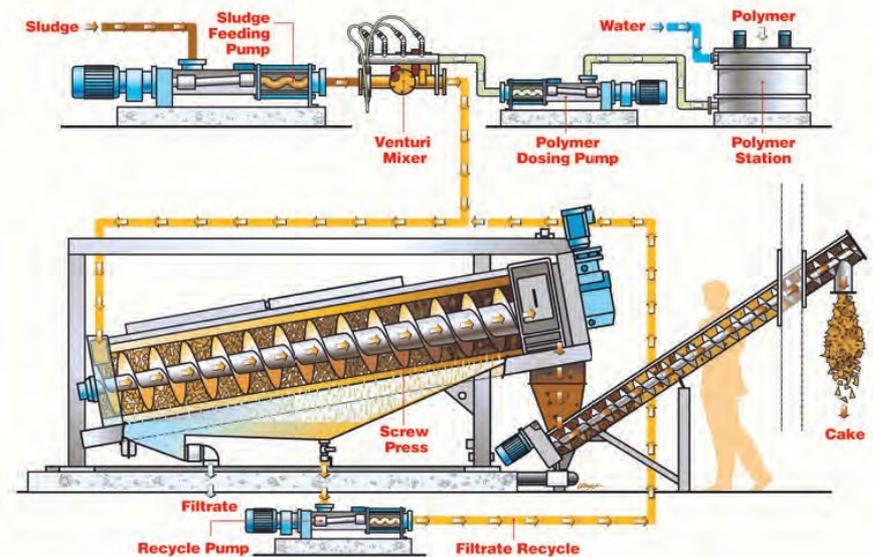
- Board bid award –
7/22/2020
- Contract cost - \$385,149
- Notice to proceed issued –
8/19/2020
- Original projected completion date
– 5/3/2021
- Revised projected completion date –
9/2021



Projects in Construction

Southland WWTF Screw Press

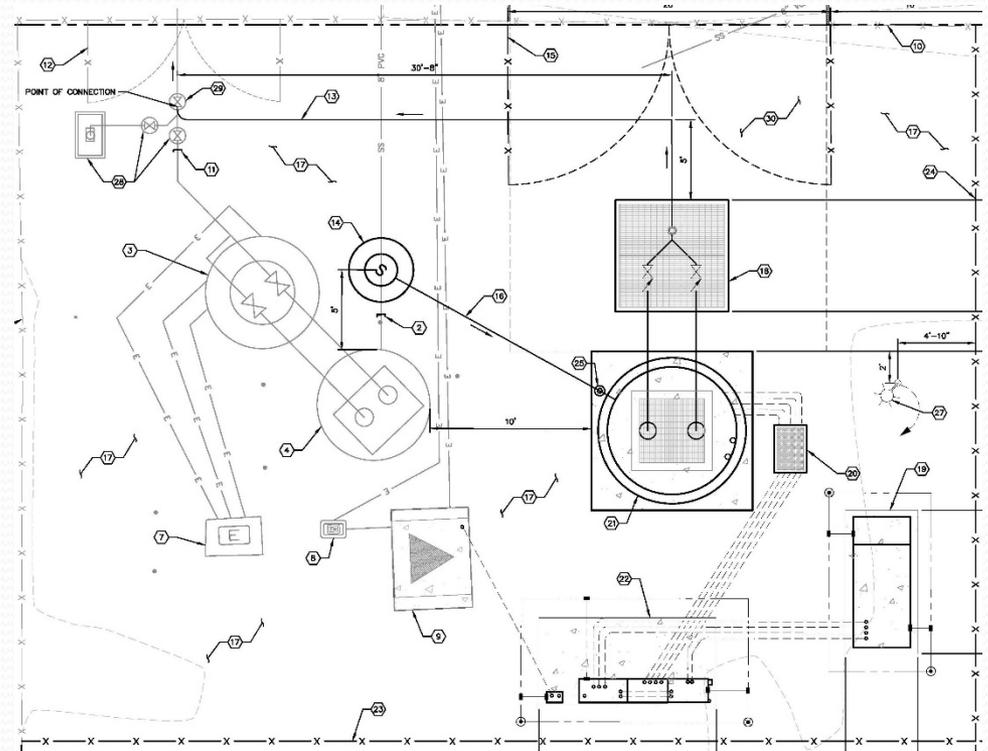
- Bid date – 9/2020
- Contract Cost – \$969,200
- Notice to Proceed Issued – 12/21/2020
- Projected Completion Date – 11/15/2021
- Submittal review completed and equipment ordered



Projects in Bid Phase

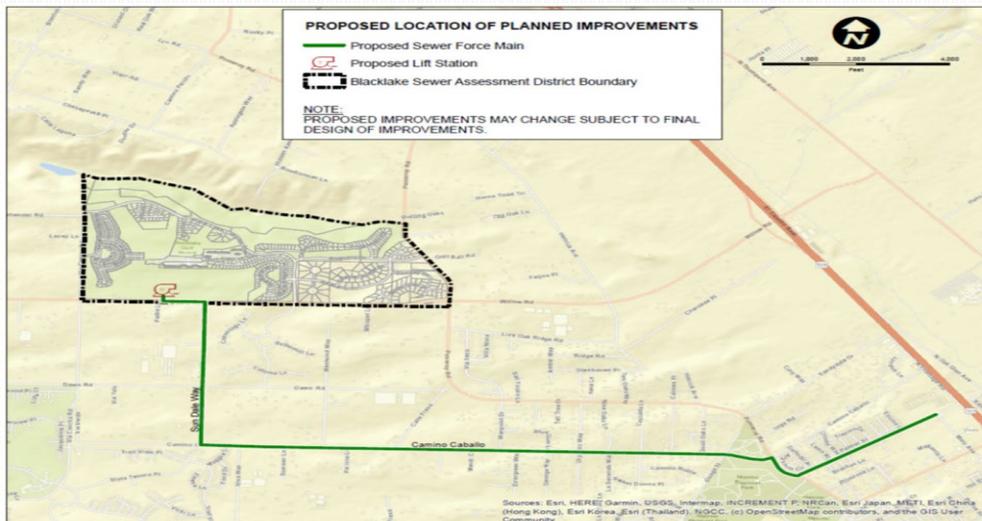
Nipomo Palms Lift Station Replacement

- Out to bid – 1/2021
- Tentative Board contract award – 3/2021



Projects in Design

Blacklake Sewer System Consolidation Project



- Construction of lift station and forcemain to pump wastewater to Southland Wastewater Treatment Facility
- Decommission existing Blacklake Water Reclamation Facility

Projects in Design

Blacklake Sewer System Consolidation Project

- 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
 - 30% design in progress
- CEQA contract approved – 12/2020
 - Initial study in progress

Projects in Design

Blacklake Sewer System Consolidation Project

Current Schedule

- 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

Projects in Design

Blacklake Sewer System Consolidation

BLACKLAKE SEWER SYSTEM CONSOLIDATION PROJECT STATUS REPORT DATE 12/31/2020

Item	Description	Project Budget Costs	Contract Costs Authorized to Date	% Budget Contract Costs Authorized to Date	Actual Costs to Date	% Budget Actual Costs to Date
1	Blacklake Lift Station	\$ 605,550	\$ -	0.0%	\$ -	0.0%
2	Force Main	\$ 5,162,350	\$ -	0.0%	\$ -	0.0%
3	WRF Demolition	\$ 915,400	\$ -	0.0%	\$ -	0.0%
4	Construction Total	\$ 6,683,300	\$ -	0.0%	\$ -	0.0%
5	Permitting (CEQA)	\$ 116,240	\$ 32,351	27.8%	\$ -	0.0%
6	Engineering Design	\$ 871,800	\$ 647,090	74.2%	\$ 117,773.68	13.5%
7	Construction Management and Inspection	\$ 871,800	\$ -	0.0%	\$ -	0.0%
8	Contingency	\$ 1,743,600	\$ -	0.0%	\$ -	0.0%
9	Total Project Cost	\$ 10,286,740	\$ 679,441	6.6%	\$ 117,773.68	1.1%

Notes:

- 1
- 2
- 3
- 4
- 5 SWCA \$32,351
- 6 Cannon \$594,612; MKN \$44,828; Downstream Services \$7650
- 7
- 8
- 9 Estimated Project Cost Included in Assessment Engineer's Report \$10,286,740

Projects in Design

Southland WWTF Blower #3

- Board authorization to purchase equipment – 1/13/2021
- Equipment ordered
- Waiting for confirmation of delivery schedule
- Board authorization for equipment installation – March 2021

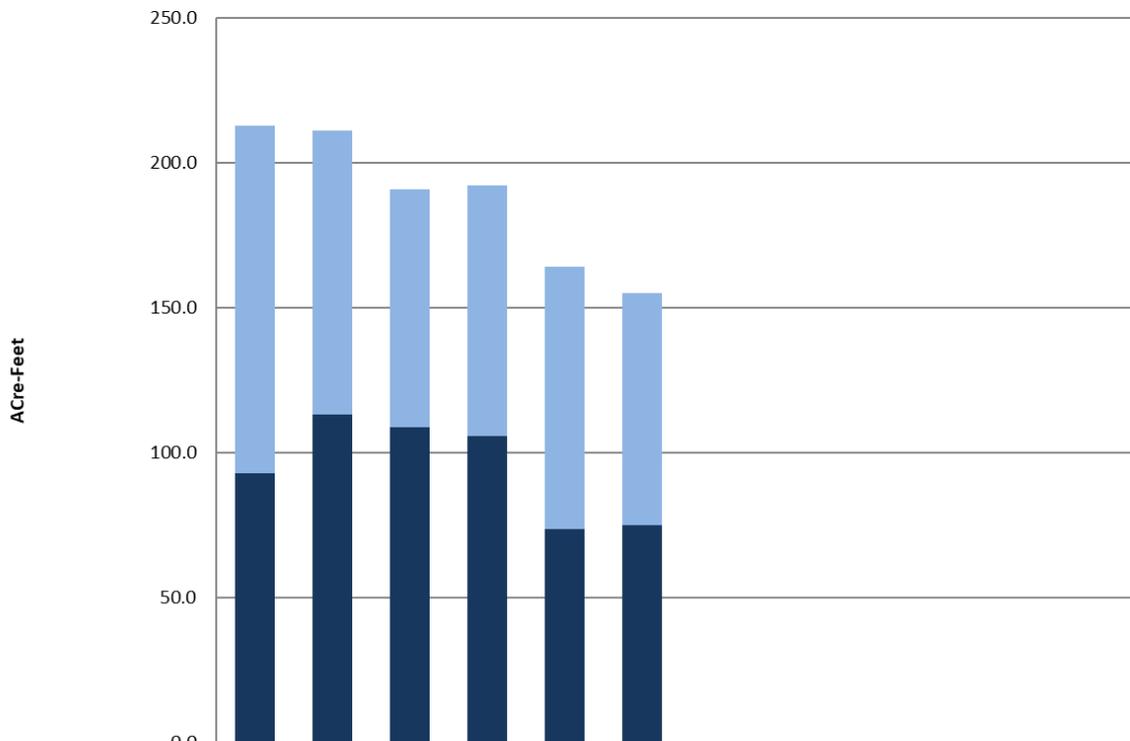


Other Projects in Design

- Supplemental Water Project Interconnects
 - Woodlands easement negotiations on-going
- Woodgreen Lift Station
 - 90% design in progress
- Branch Street Watermain Replacement
 - 90% design in progress
- District Office Generator
 - 30% design in progress
- Eureka Well #2 Pump and Controls
 - 60% design in progress

Operations – Water System

FY 2020-2021 Water Production



■ Groundwater	120.1	98.2	82.0	86.5	90.7	79.9	0.0	0.0	0.0	0.0	0.0	0.0
■ Supplemental Water	92.8	113.1	108.9	105.9	73.7	75.0	0.0	0.0	0.0	0.0	0.0	0.0

Supplemental Water	569.5 AF
Groundwater	557.4 AF
FY 20-21 Total Production To Date	1126.9 AF

Operations – Water System

- **State Water Resources Control Board Division of Drinking Water**
 - Submitted routine monthly coliform, quarterly raw water coliform, quarterly nitrate, quarterly disinfection byproducts
 - Triannual nitrite, triannual general mineral and general physical, triannual inorganic chemical, triannual volatile organic chemical
- **Other Water Operations**
 - Water system data management software implementation
 - Hired new Water Operator 1
 - Annual electrical system preventive maintenance

Operations – Water System

- **Example Electrical Issue**



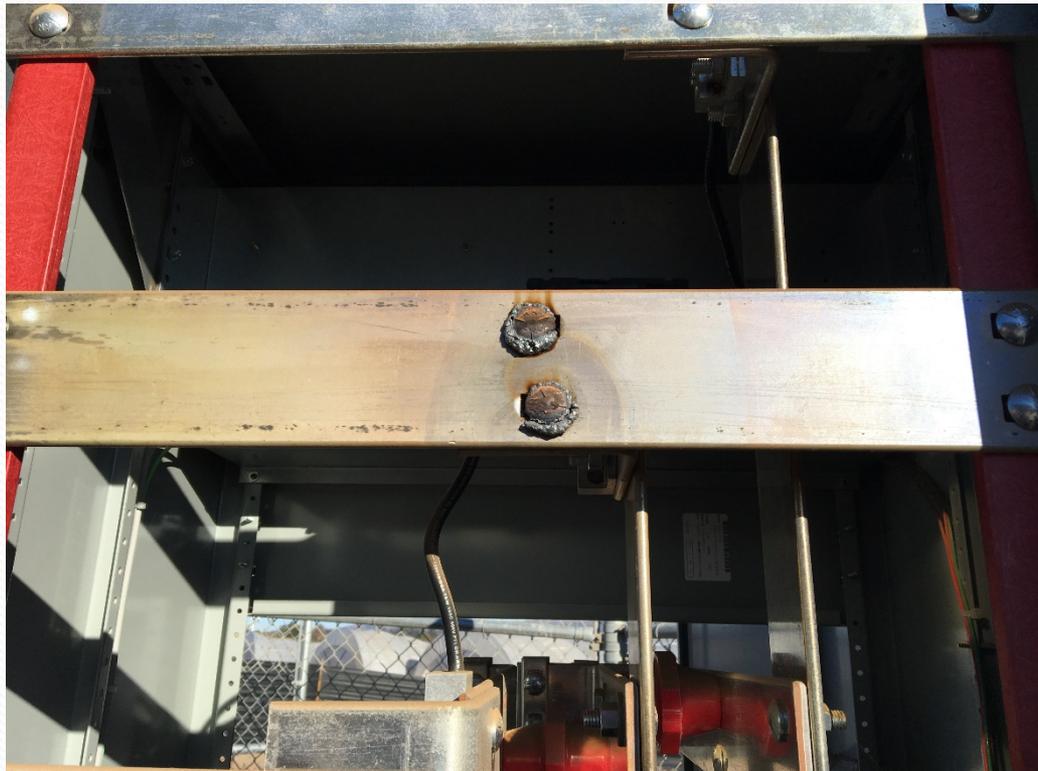
Operations – Water System

- **Example Electrical Issue**



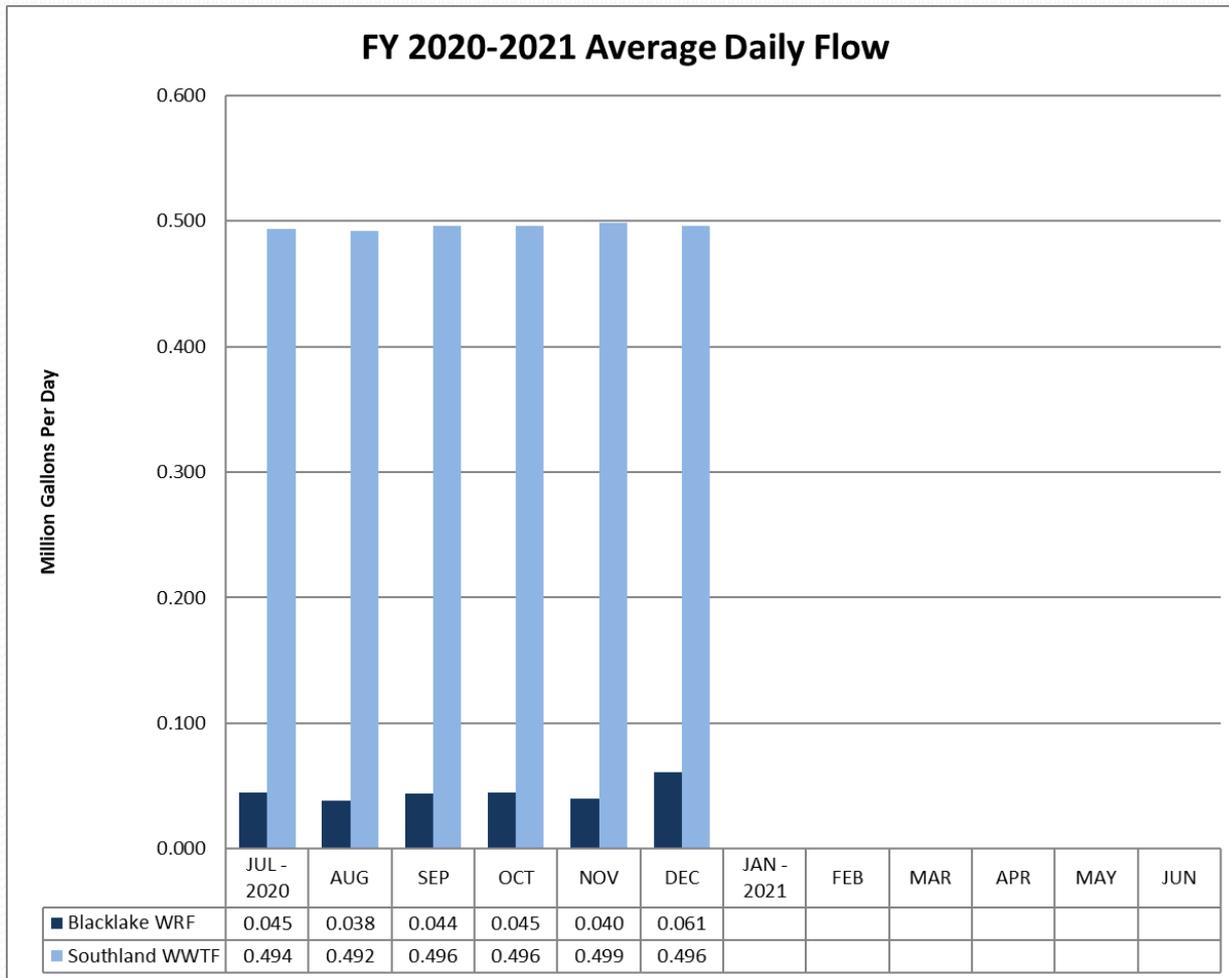
Operations – Water System

- **Example Electrical Issue**



Operations – Wastewater

FY 2020-2021 Average Daily Flow



Blacklake WRF	8.3 MG
Southland WWTF	91.2 MG
FY 20-21 Total Wastewater Flow Treated To Date	99.5 MG or 305 AF

Operations – Wastewater System

- **State Water Resources Control Board**
 - Routine monthly and quarterly reports submitted
- **Other Wastewater Operations**
 - Evaluating options to repair corrosion damage in Southland WWTF influent pump station as well as develop mitigation measures to limit future corrosion issues

Engineering and Operations

Questions