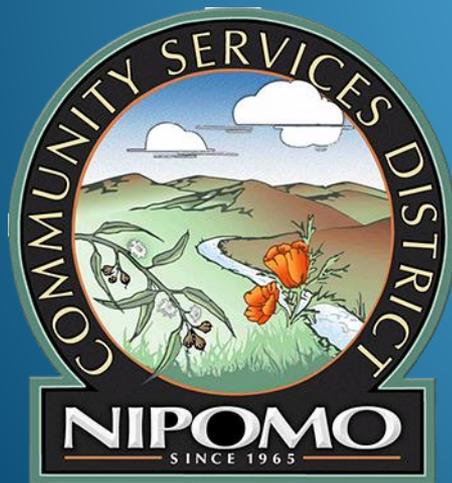


Engineering and Operations Update – July 2020 to September 2020



Peter V. Sevcik, P.E.
Director of Engineering and Operations
Nipomo Community Services District
October 14, 2020

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

Completed Projects

Southland WWTF Storage Building

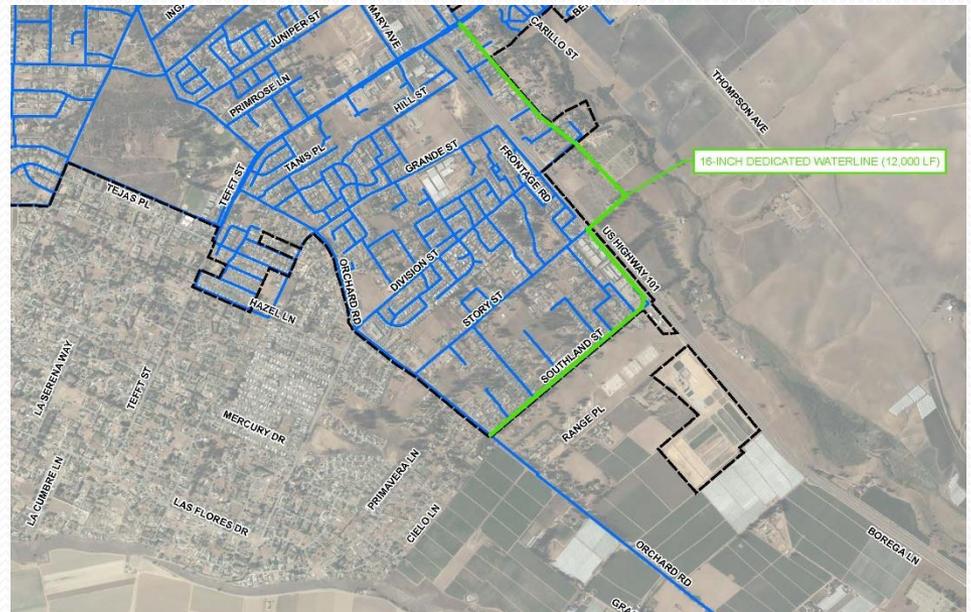
- 1440 sf steel storage building
- Original contract cost - \$175,000
- Final contract cost - \$188,114
- Board accepted 9/9/2020



Completed Projects

Supplemental Water Project Nipomo Area Pipeline Improvements

- 12,000 linear feet of 16 inch diameter water line
- Original contract cost - \$2,902,107
- Final contract Cost - \$3,024,853
- Board acceptance recommended 10/14/2020



Completed Projects

Eureka Well #2

- Replacement water supply well drilled to depth of 615 feet
- 1000 gpm capacity anticipated
- Original contract cost - \$738,678
- Final contract Cost – \$773,453
- Board acceptance recommended 10/14/2020



Projects in Construction

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

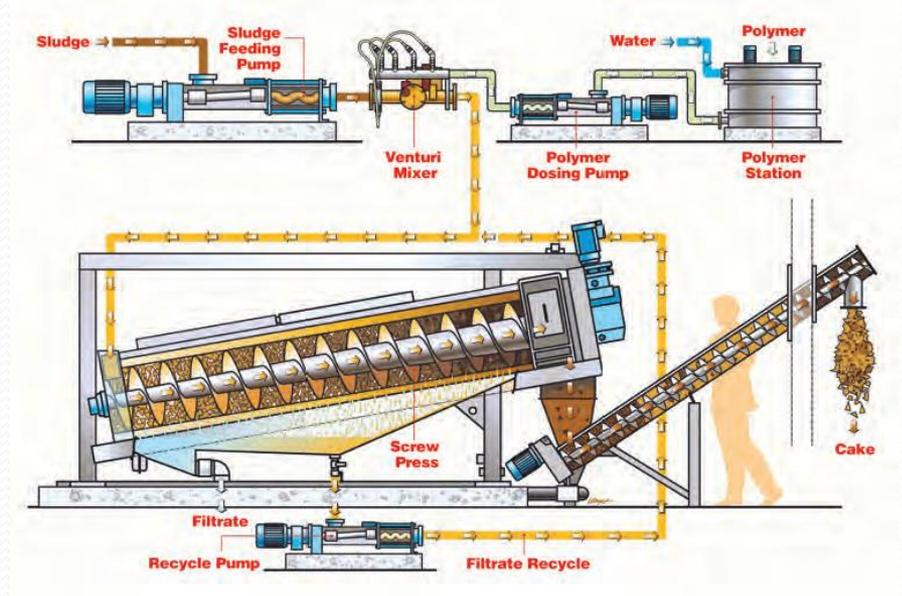
- Board bid award –
7/22/2020
- Contract cost - \$385,149
- Notice to proceed issued –
8/19/2020
- Projected completion date –
5/3/2021
- Submittal review in progress



Projects in Bid Phase

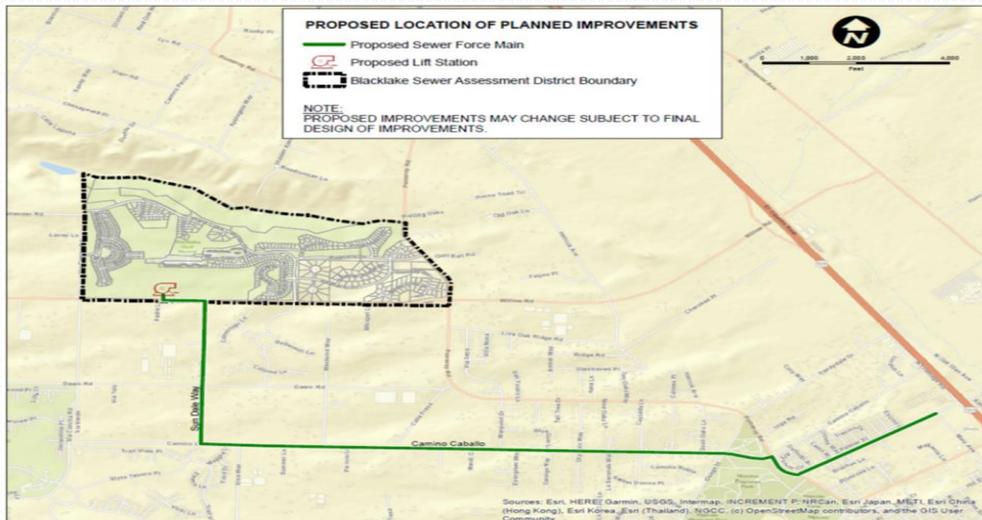
Southland WWTF Screw Press

- Bid date – 9/2020
- Board bid award – 10/14/2020
- Tentative Completion Date – 10/2021
- Contract Cost – \$969,200



Projects in Design

Blacklake Sewer System Consolidation Project



- Tentative Board authorization to bid – 1/2022
- Tentative Board construction contract award – 5/2022
- Tentative construction completion date – 3/2024

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
 - Preliminary design in progress
- Authorization to issue CEQA RFP pending Board approval – 10/4/2020
- Tentative Board approval of CEQA consultant – 12/2020

Projects in Design

Blacklake Sewer System Consolidation

BLACKLAKE SEWER SYSTEM CONSOLIDATION PROJECT
STATUS REPORT DATE 10/14/2020

Item	Description	Project Budget Costs	Contract Costs Authorized to Date	% Budget of Costs to Date	Actual Costs to Date	% 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	\$ -	0.0%	\$ -	0.0%
6	Engineering Design	\$ 871,800	\$ 639,440	73.3%	\$ 38,620.25	4.4%
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	\$ 639,440	6.2%	\$ 38,620.25	0.4%

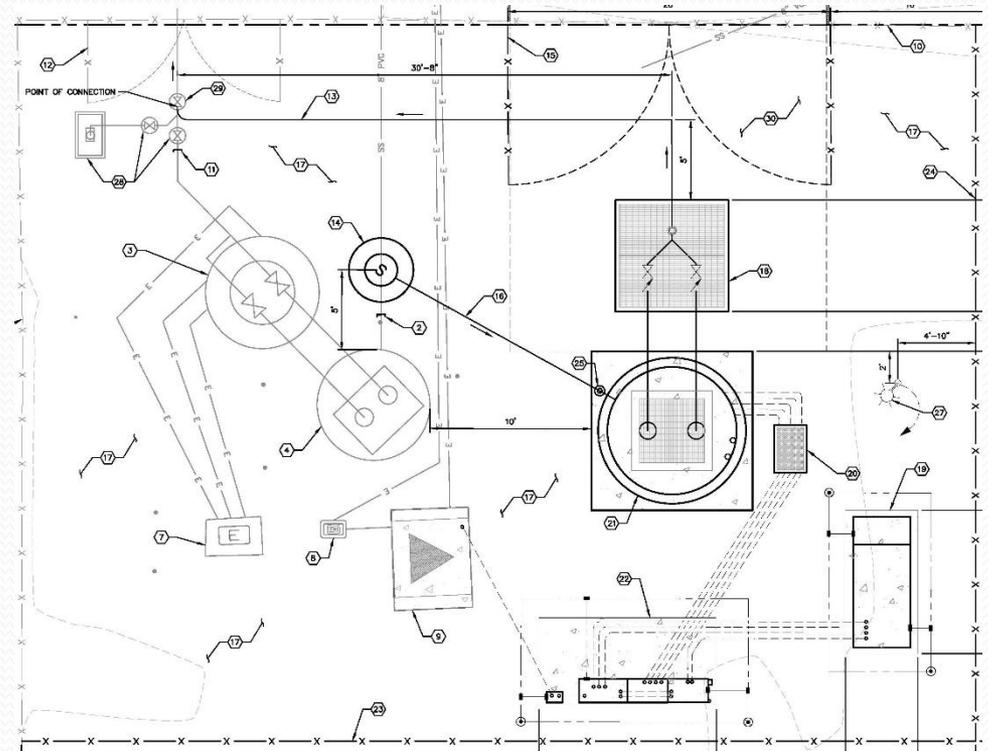
Notes:

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

Projects in Design

Nipomo Palms Lift Station Replacement

- Tentative bid date – 10/2020
- Tentative Board contract award – 12/2020



Projects in Design

Southland WWTF Blower #3

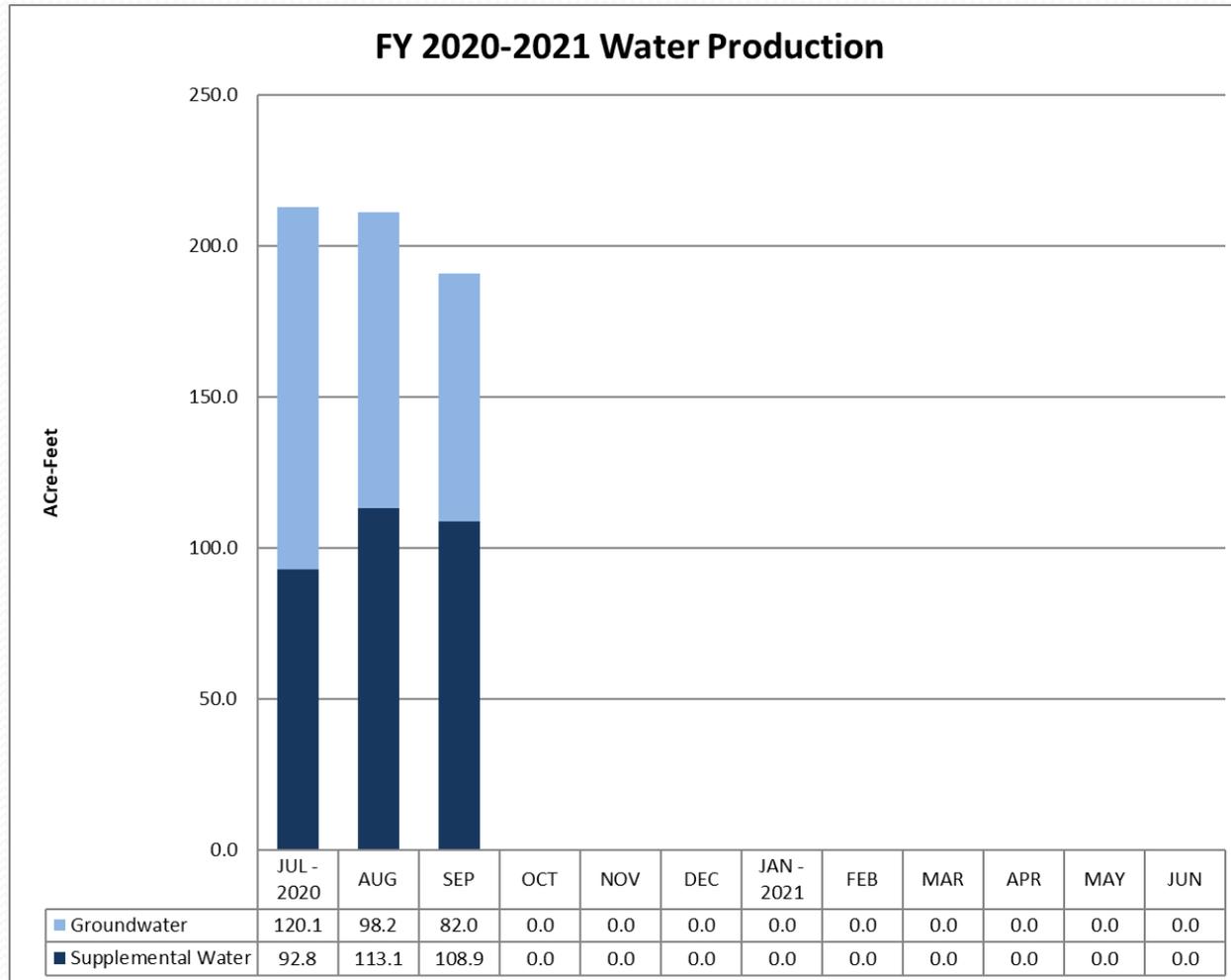
- Design in progress
- Tentative Board authorization to bid – 11/2020
- Tentative bid date – 12/2020
- Tentative Board construction contract award – 2/2021



Other Projects in Design

- Supplemental Water Project Interconnects
- Woodgreen Lift Station
- Branch Street Watermain Replacement
- District Office Generator
- Eureka Well #2 Pump and Controls

Operations – Water System

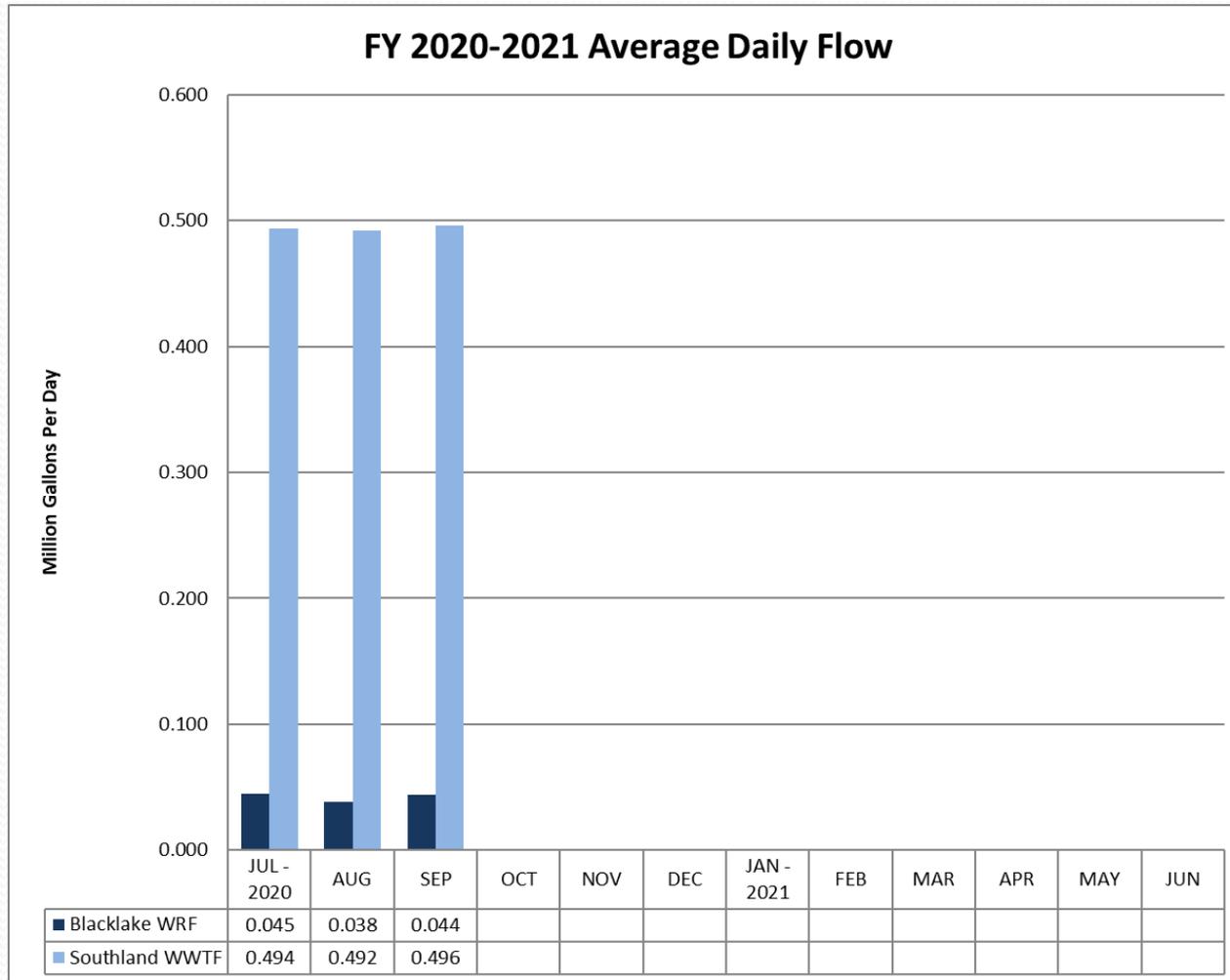


Supplemental Water	314.9 AF
Groundwater	300.4 AF
FY 20-21 Total Production To Date	615.3 AF

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**
 - Evaluated and selected vendor for water system data management software
 - Ordered replacement trucks – tentative delivery 10/2020
 - Ordered water truck – tentative delivery 2/2021
 - Annual steel tank cathodic protection system maintenance

Operations – Wastewater



Blacklake WRF	3.8 MG
Southland WWTF	45.4 MG
FY 20-21 Total Wastewater Flow Treated To Date	49.2 MG or 151 AF

Operations – Wastewater System

- **State Water Resources Control Board**
 - Routine monthly and quarterly reports submitted
- **Other Wastewater Operations**
 - Evaluating newly adopted general waste discharge order provisions for impact on operation of Southland and Blacklake wastewater treatment plants
 - 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