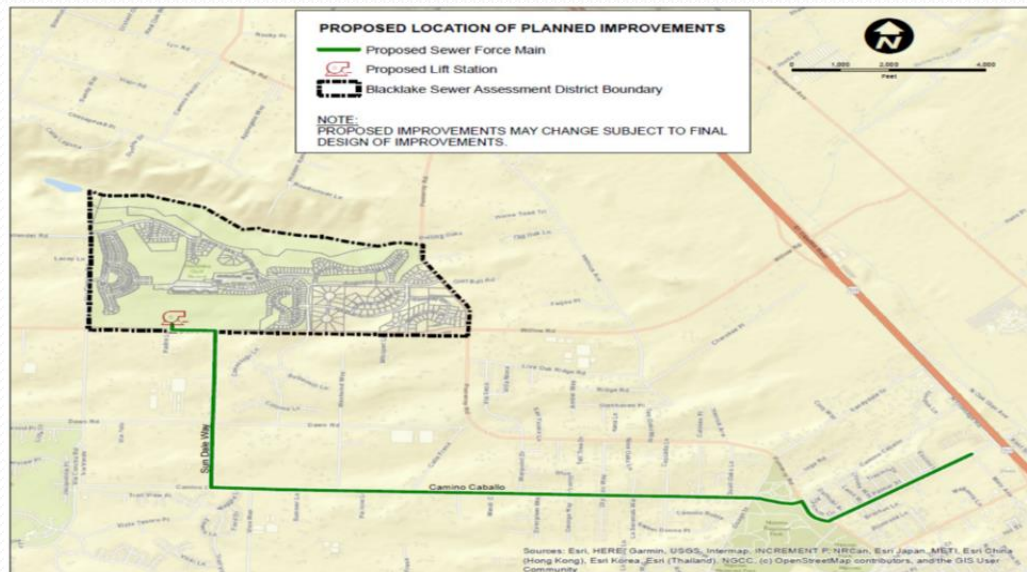


# Engineering and Operations Update – October 2023 to December 2023



Peter V. Sevcik, PE  
Director of Engineering and Operations  
Nipomo Community Services District  
January 24, 2024

# 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

- Southland WWTF Permit
  - Submitted application to RWQCB in 4/2023 to enroll facility in general permit for facilities with flows greater than 100,000 gallons per day in order to accept flow from the Blacklake Sewer Service Area

# Blacklake Sewer System Consolidation Project

## Major Task Status

- Design
  - Final Blacklake and Woodgreen lift station plans and specifications pending completion of permitting process
  - Lift station contractor prequalification completed
- Environmental Review
  - 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	3/2024
Construction Permitting Completion	12/2021	10/2022	2/2024
Board Authorization to Pre-Qualify	1/2022	7/2022	9/2023
Board Authorization to Bid	3/2022	10/2022	12/2023
Board Construction Contract Award	6/2022	1/2023	5/2024
Construction Completion	3/2024	1/2024	7/2025

# Blacklake Sewer System Consolidation Project

Item Description	Project Budget Costs	Contract Costs to Date	% Budget Contract Costs to Date
1 Blacklake Lift Station	\$ 605,550	\$ -	0.0%
2 Force Main	\$ 5,162,350	\$ 4,881,812	94.6%
3 WRF Demolition	\$ 915,400	\$ -	0.0%
<b>4 Construction Subtotal</b>	<b>\$ 6,683,300</b>	<b>\$ 4,881,812</b>	<b>73.0%</b>
5 Permitting (CEQA)	\$ 116,240	\$ 87,110	74.9%
6 Engineering Design	\$ 871,800	\$ 808,916	92.8%
7 Construction Management and Inspection	\$ 871,800	\$ 467,727	53.7%
<b>8 CEQA/Design/CM Subtotal</b>	<b>\$ 1,859,840</b>	<b>\$ 1,363,753</b>	<b>73.3%</b>
9 Contingency	\$ 1,743,600	\$ -	0.0%
<b>10 Total Project Cost</b>	<b>\$10,286,740</b>	<b>\$ 6,245,565</b>	<b>60.7%</b>
Status Report Date 1/18/2024			

# Projects in Construction

- Blacklake Sewer System Consolidation Project Force Main
  - Scope includes 21,000 linear feet of sewer pipe installed by open cut and directional drilling methods, pavement restoration, and related appurtenances
  - Project close out in progress
  - Contract cost - \$4,881,812

# Projects in Construction

- Branch Street Watermain Replacement Project
  - Scope includes 1560 linear feet of 8 inch diameter watermain, 4 fire hydrants, abandonment of 6 inch diameter watermain located in an alley, new water services, and reconnection of existing water services
  - Project close out in progress
  - Contract cost - \$862,390



# Projects in Construction

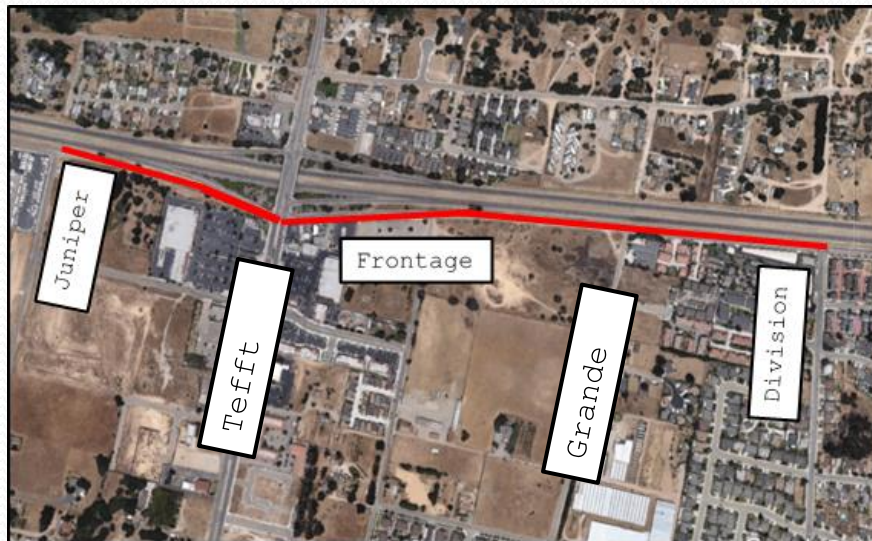
- Southland WWTF Influent Pump Station Repair
  - Scope includes repair and recoating of chemical resistant coatings in influent pump station wetwell and approach manhole as well as removal and replacement of influent pump discharge piping and installation of odor control equipment
  - Wetwell coating completed and bypass operations completed
  - Odor control equipment installation still to be completed
  - Contract cost - \$607,083

# Projects in Construction

- District Office Generator
  - Completion of electrical work anticipated in 4/2024 pending receipt of new service panel
- Operations Building Roof Replacement
  - Gutter replacement pending completion in 2/2024

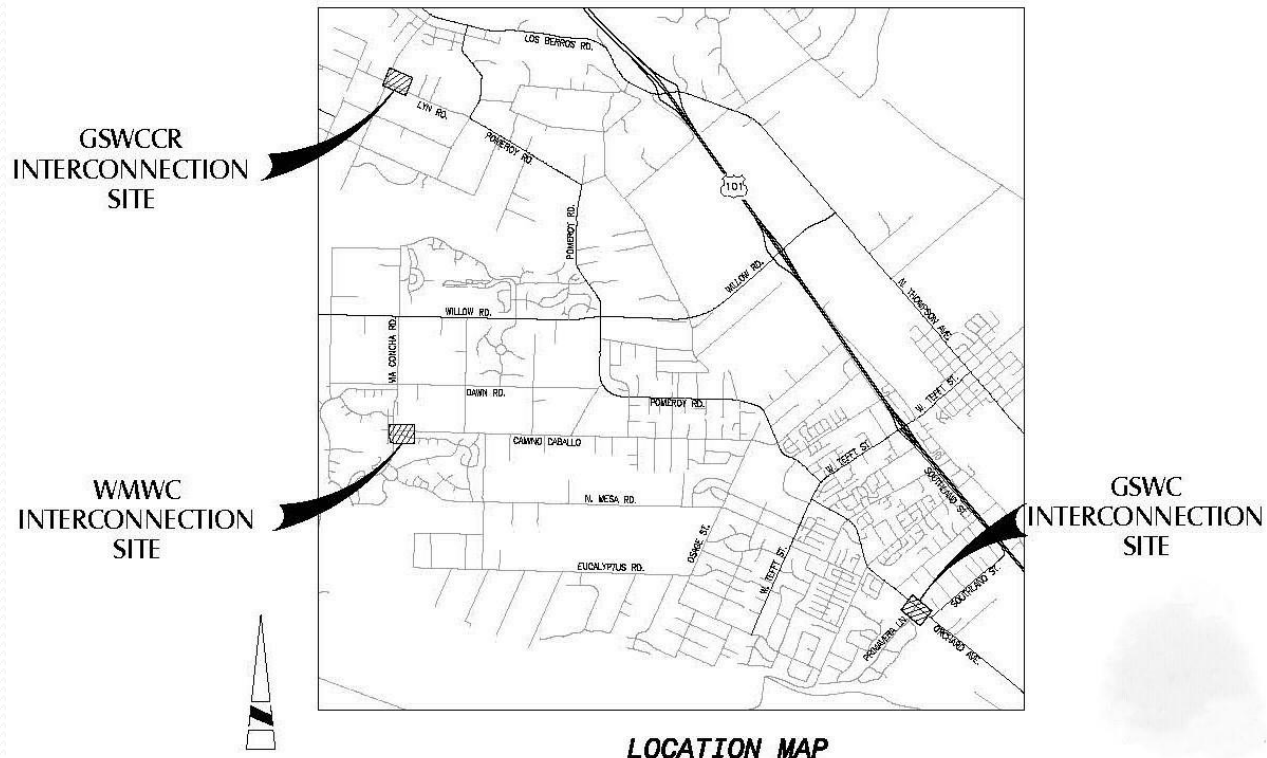
# Projects in Design

- Frontage Road Trunk Sewer Replacement
  - 100% design completion pending receipt of encroachment permits
  - Caltrans Encroachment Permit pending
  - SLO County Encroachment Permit pending



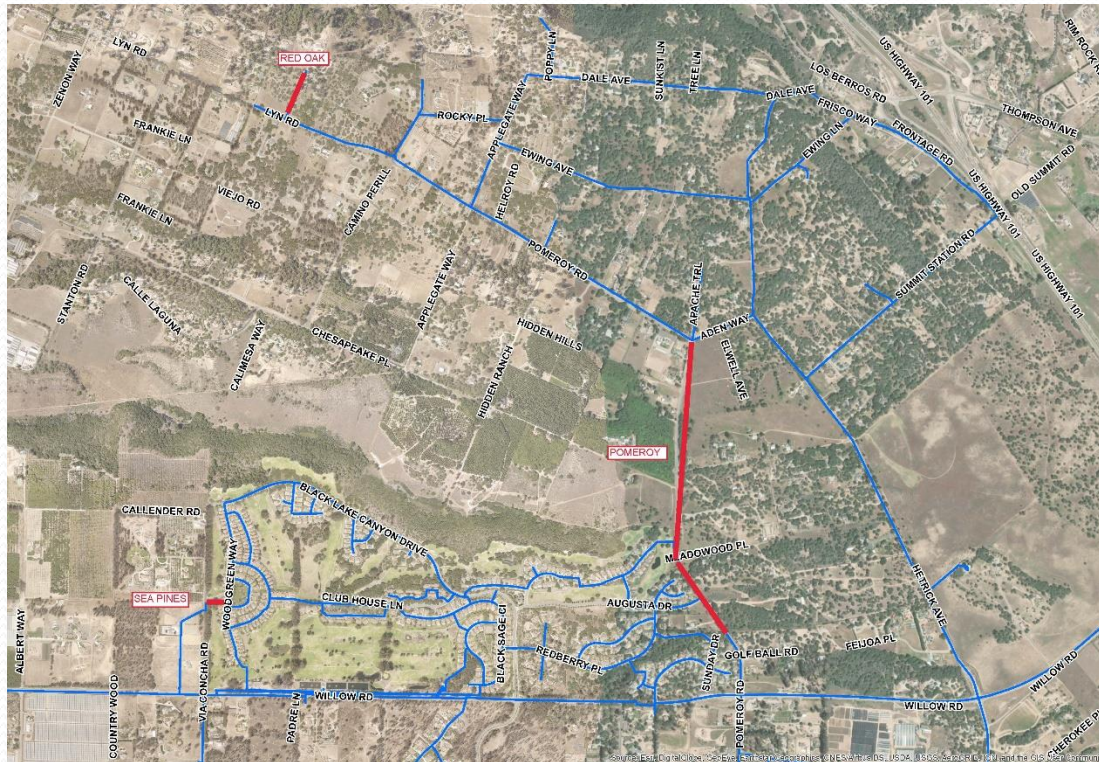
# Projects in Design

- Supplemental Water Project Interconnects
  - Final design in progress

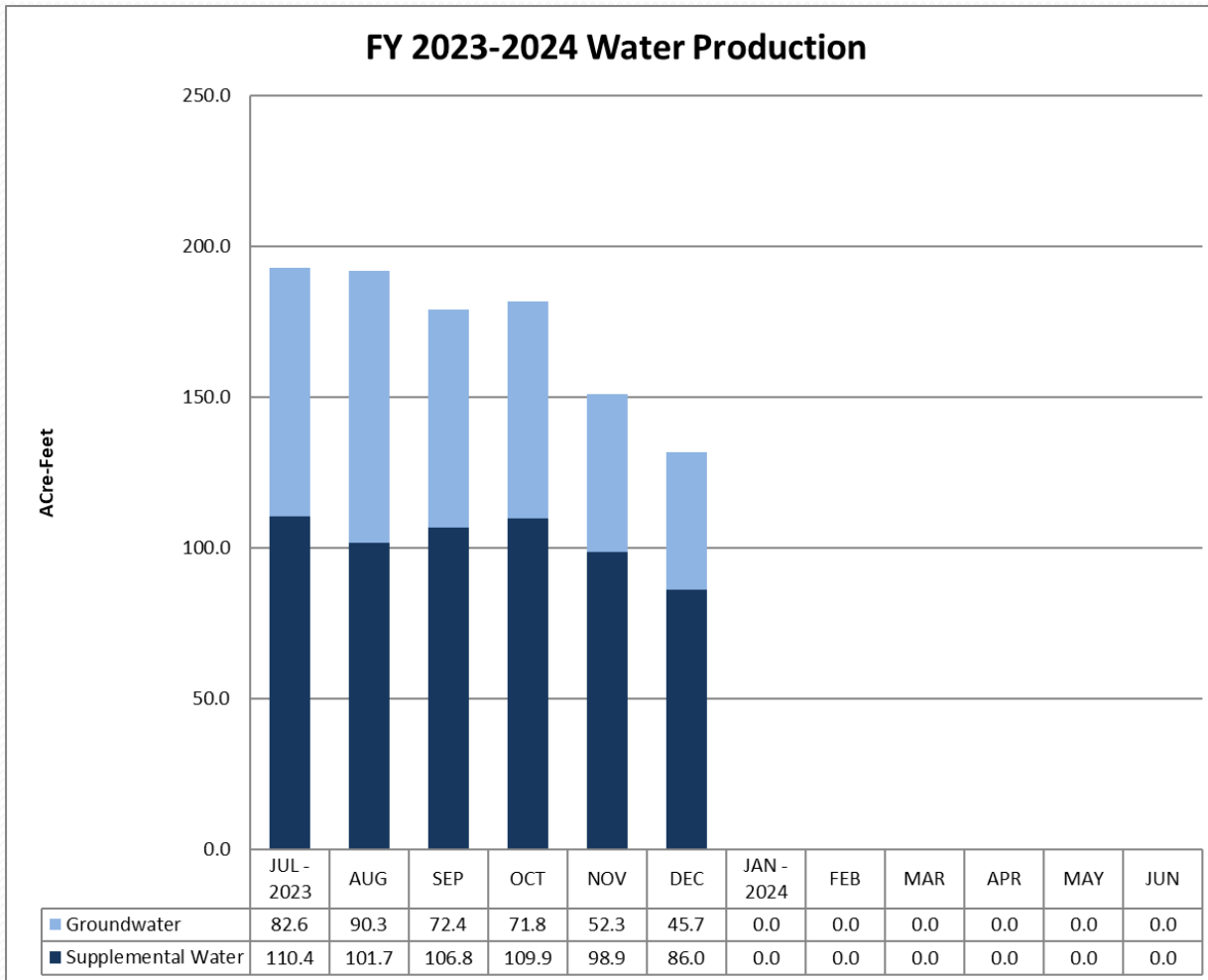


# Projects in Design

- 2023 Water Distribution System Improvements
  - Initial design in progress

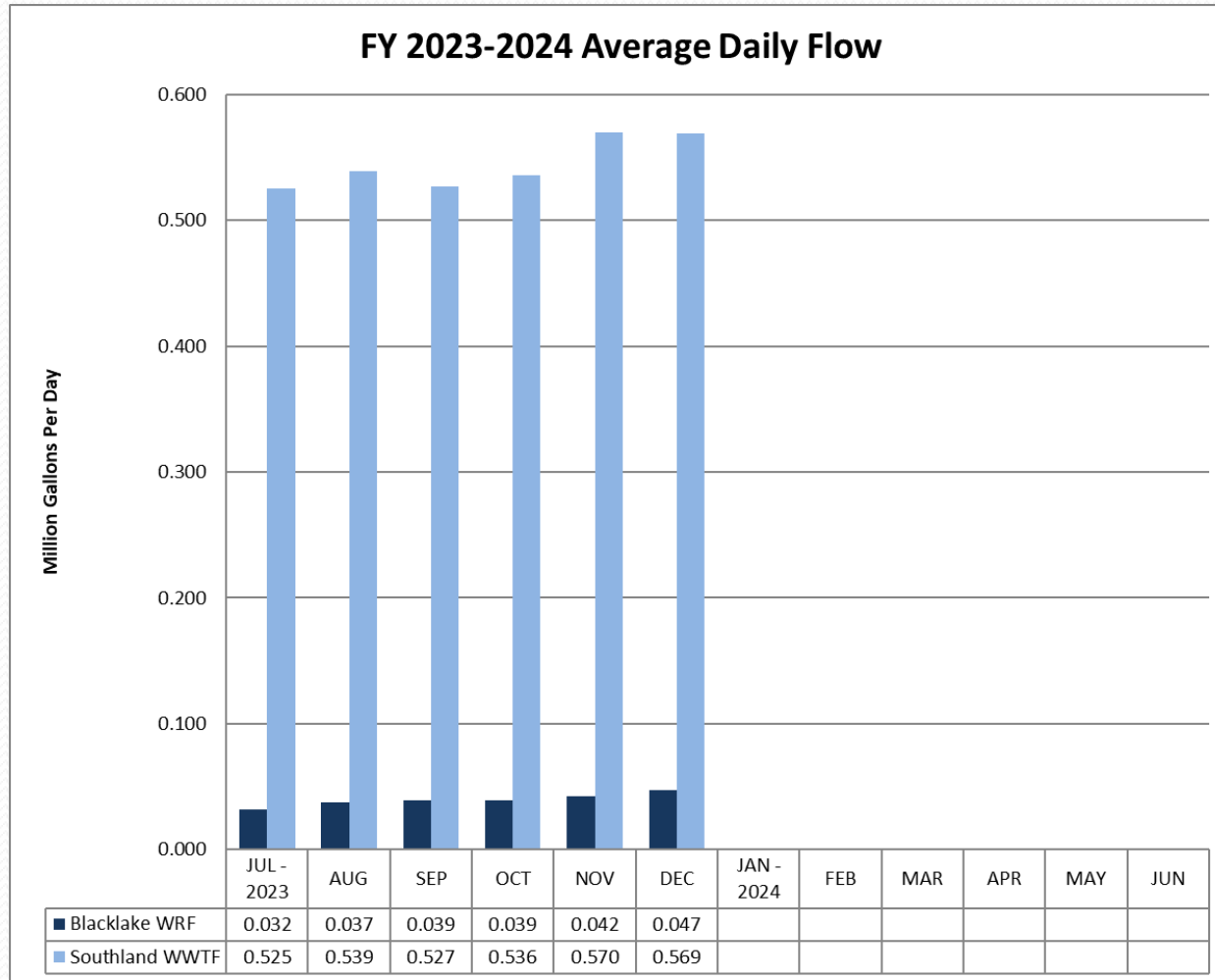


# Operations – Water System



<b>Supplemental Water</b>	<b>614 AF</b>
Groundwater	415 AF
<b>FY 23-24 Total Production To Date</b>	<b>1029 AF</b>

# Operations – Wastewater



<b>Blacklake WRF</b>	<b>7.1 MG</b>
Southland WWTF	100 MG
FY 23-24 Total Wastewater Flow Treated To Date	107.1 MG or 329 AF

# Engineering and Operations

## Questions