Wildfire Preparation

BPU

July 17, 2025

Joe Schiavone

Deputy Director -

Water & Sewer Operations

Santa Rosa WATER

OUR FUTURE IN EVERY DROP

2025 Fire Season

- June 2, 2025
- Above Average Rainfall
- Acres Burned - CA
  - 2024 – 1,050,012
  - 2025 – 182,197

Santa Rosa WATER

OUR FUTURE IN EVERY DROP

Fire Potential

Santa Rosa WATER

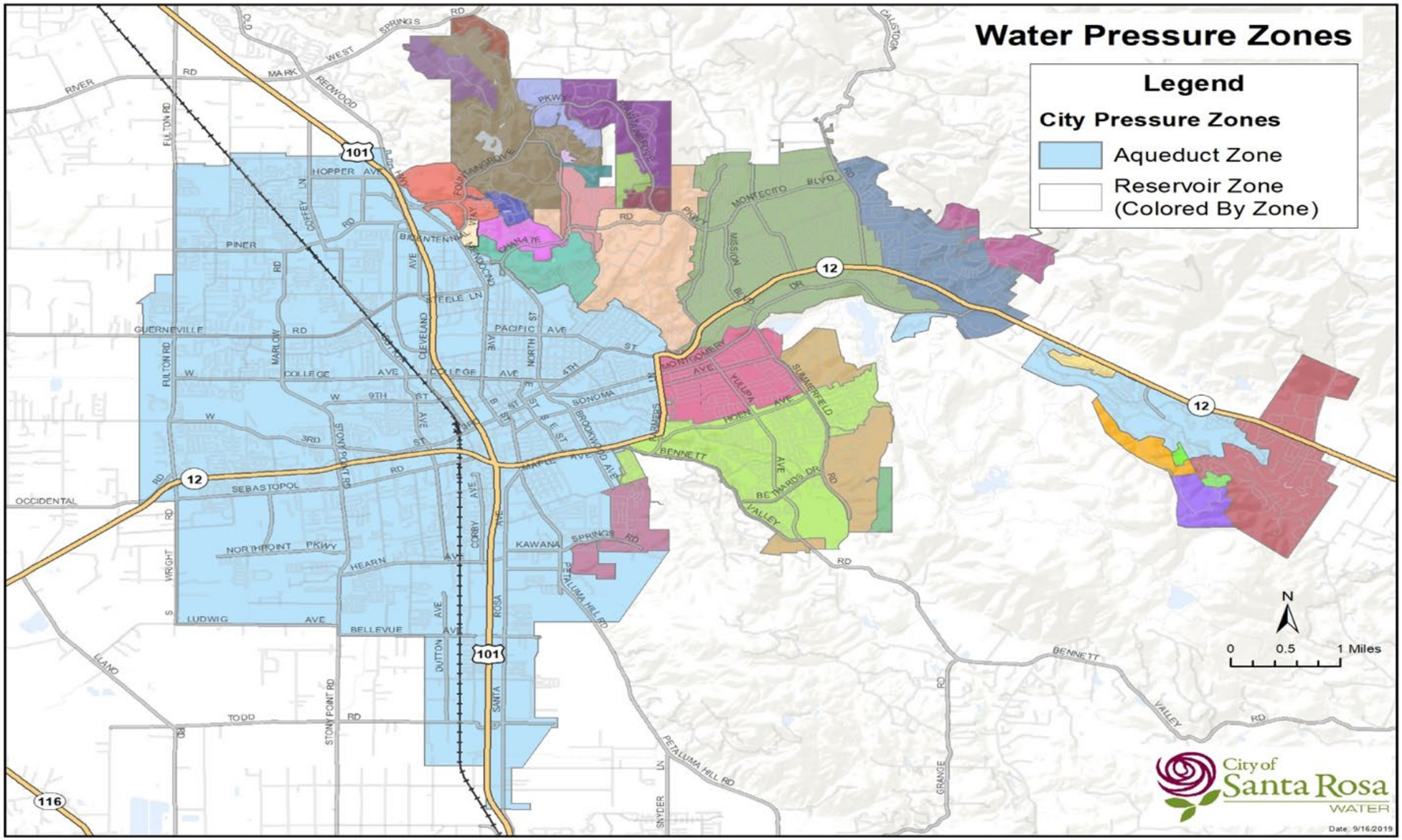
OUR FUTURE IN EVERY DROP

Fire Damage & Interrupted Power Supply

- Damaged Infrastructure
- Denied Access During the Emergency
- Communication Interruptions
- PG&E Cut Power for Safety
- PSPS
- Excessive Demand
- Water and Sewer Service Disruptions

Santa Rosa WATER

OUR FUTURE IN EVERY DROP


Water Pressure Zones
Legend
City Pressure Zones
Aqueduct Zone
Reservoir Zone
(Colored By Zone)
N
0
0.5
1 Miles
City of
Santa Rosa
WATER
Date: 9/16/2019

System Resiliency

- Stationary Generators
- SCADA
- Hardened Facilities
- Standardized Equipment
- Redundancy

Santa Rosa WATER

OUR FUTURE IN EVERY DROP

Mobile Equipment

Santa Rosa WATER

OUR FUTURE IN EVERY DROP

Preparation and Planning

- Training Staff
- Infrastructure Improvements
- Preparing Trucks and Equipment
- Stocking Supplies
- Communication

Santa Rosa WATER

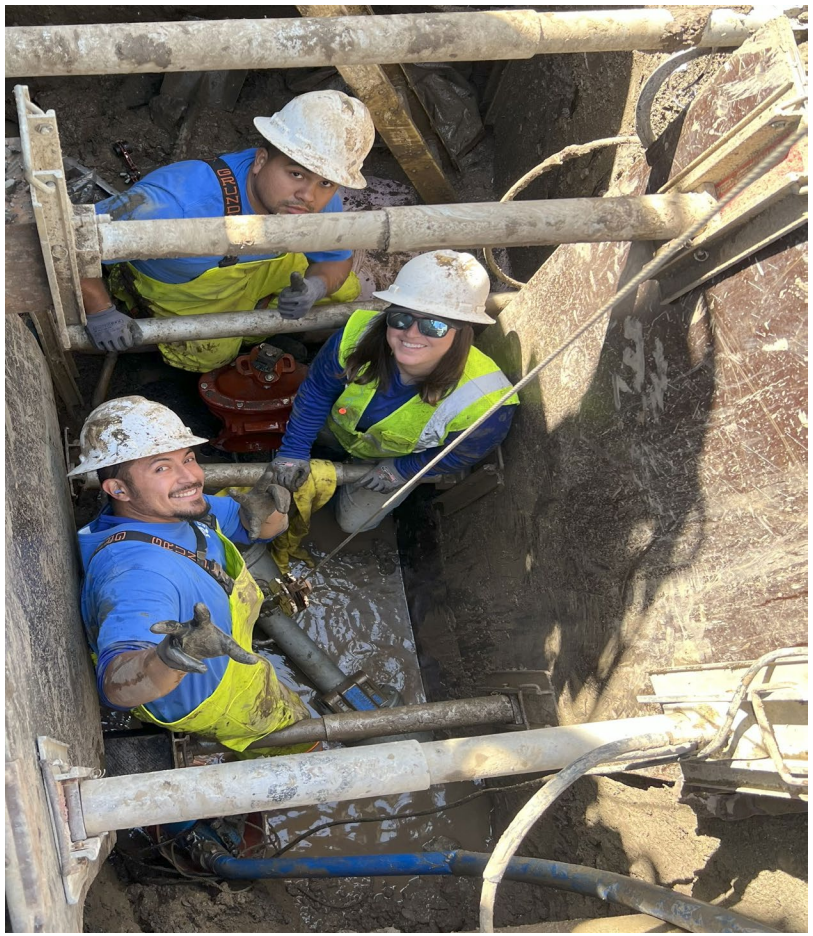
OUR FUTURE IN EVERY DROP

Communication

- Bi-Monthly Water Operations Coordination –Sonoma Water and Water Contractors
- Emergency Coordination Committee
- Weekly Meetings DEM/NWS/Regional Partners
- Internal
  - Water and Fire Communications Coordination
  - Capital Projects Engineering
- External

Completed Improvements

- Controller (PLC) and Radio Upgrades
- Backup Generator Replacement



Santa Rosa WATER

OUR FUTURE IN EVERY DROP

Questions