Wildfire Preparation

Board of Public Utilities Meeting

August 3, 2023

Joe Schiavone

Deputy Director -

Water & Sewer Operations

2023 Fire Season

- Started June 5, 2023
- Late Rains
- Increased Moisture
- Shorter Season

Santa Rosa WATER

OUR FUTURE IN EVERY DROP

Impacts from Fires and Interrupted Power Supply

- Damaged Infrastructure
- Denied Access
- Service Disruptions
- PG&E Cut Power for Safety
- PSPS
- Excessive Demand

Santa Rosa WATER

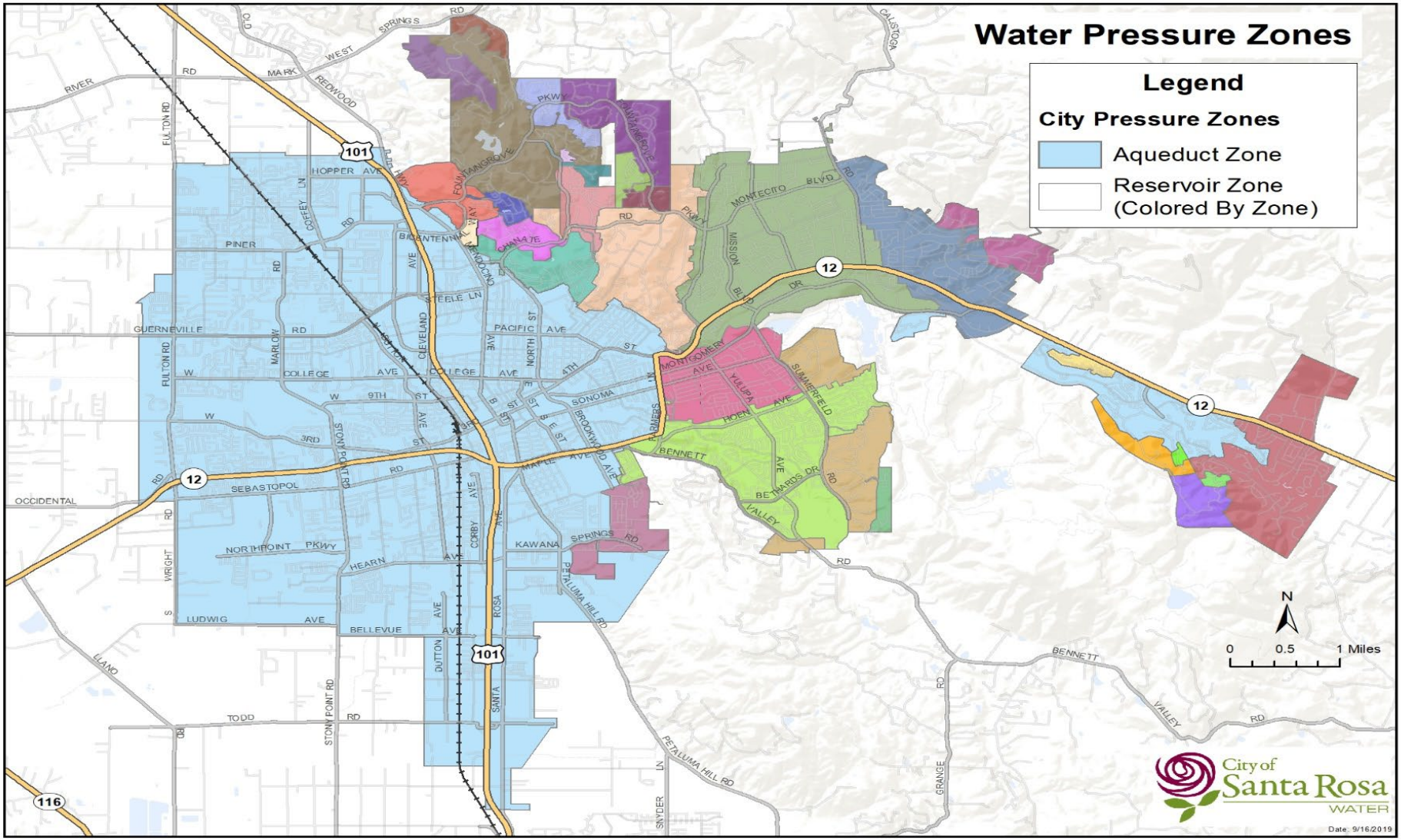
OUR FUTURE IN EVERY DROP

Local Operations

- Water Supply
- Water Distribution System
- Sewer Collection System
- Facilities

Water Supply

Water Distribution System



Water Reservoirs

Water Pump Stations

Sewer Collection System

Facilities

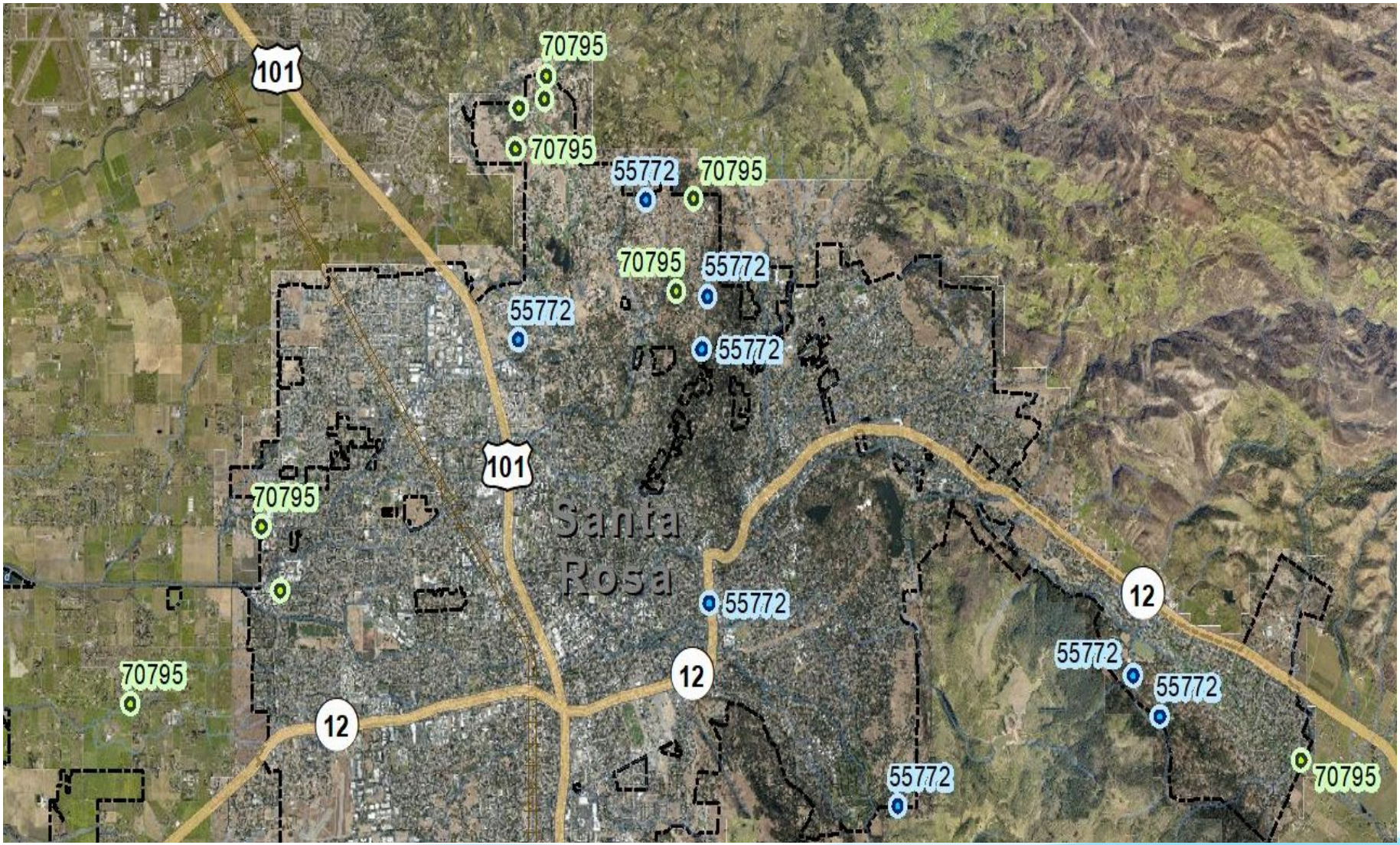
Infrastructure Improvements

- Planning
  - High-Flow Pumps at Water Stations
- On Going
  - Fiber Optic Communication
  - Water/Wastewater Pump Station Hardening
- Construction
  - Controller (PLC) and Radio Upgrades
  - Backup Generator Replacement

Santa Rosa WATER

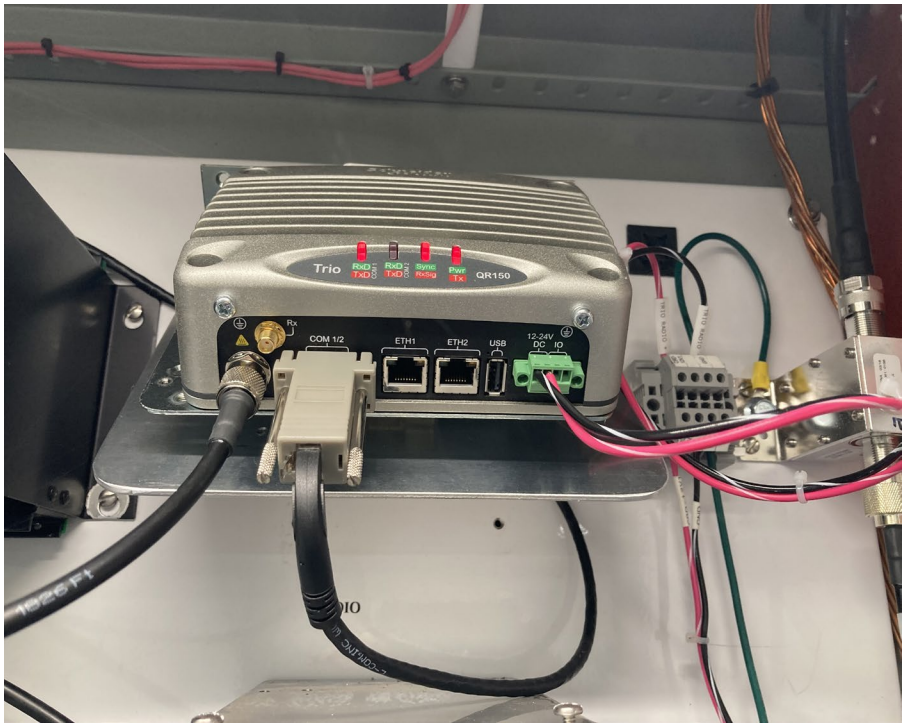
OUR FUTURE IN EVERY DROP

Generator Replacement Project HMGP



Generator Replacement Project HMGP

Controller and Radio Upgrade Project



Santa Rosa WATER

OUR FUTURE IN EVERY DROP

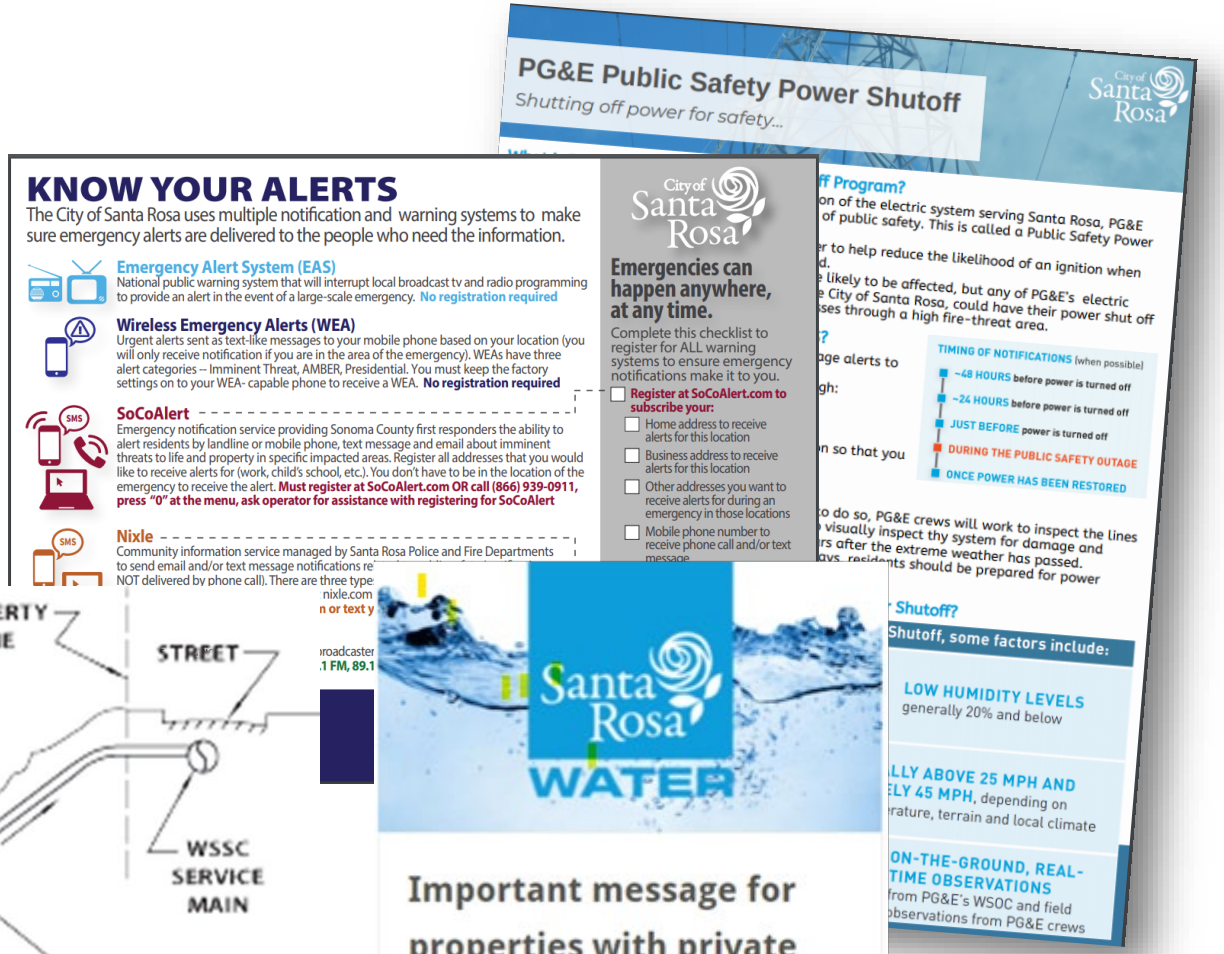
COMMUNICATION

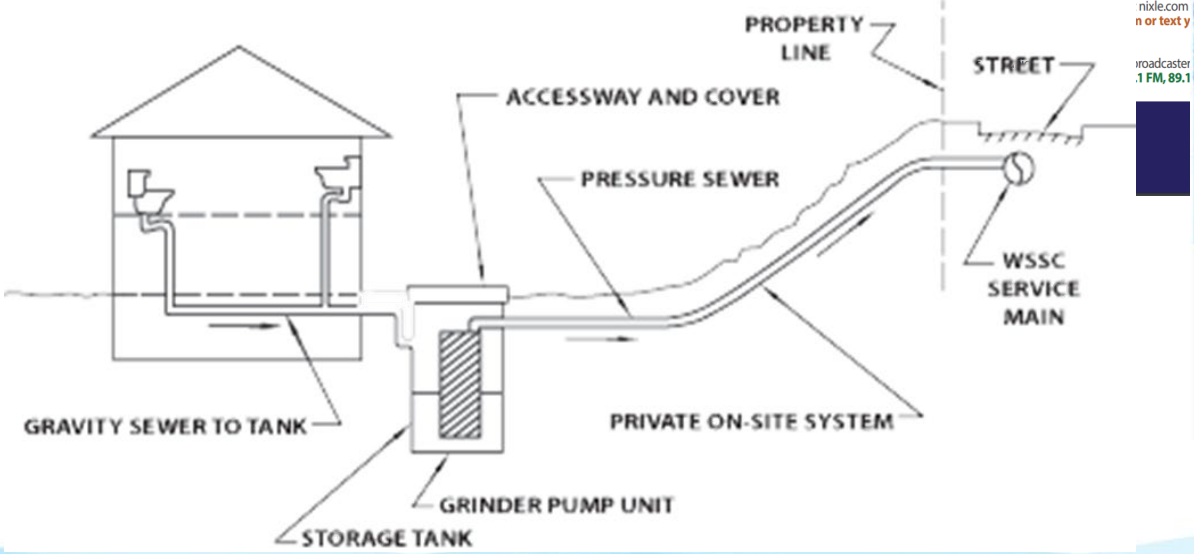
- Monthly Water Operations Meeting –Sonoma Water and Contractors.
- Water and Fire Operations Communications Meeting
- PG&E Webinars/PG&E PSPS Portal
- National Weather Service SF Bay Area
- Training
- Internal
- External

Communication & Outreach

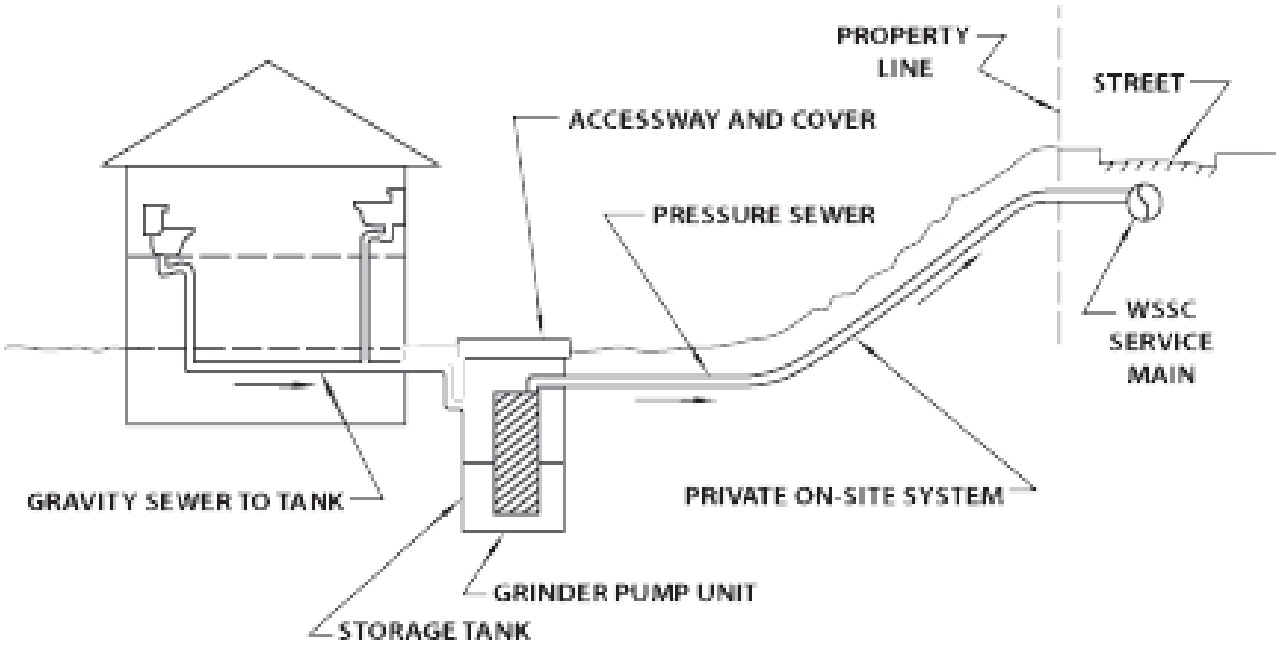
Resources

- pge.com/psps
- srcity.org
- City Connections (8/3/23)





Private Systems
Water and Sewer Pumps



Questions