

# Preparing for Public Safety Power Shut-Off (PSPS)

Board of Public Utilities Meeting  
September 3, 2020

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Water & Sewer Operations

Why do we  
expect to lose  
power?



# When to Expect a PSPS

While no single factor will drive a Public Safety Power Shutoff, some factors include:



## A RED FLAG WARNING

declared by the National Weather Service



## LOW HUMIDITY LEVELS

generally 20% and below



## FORECASTED SUSTAINED WINDS GENERALLY ABOVE 25 MPH AND WIND GUSTS IN EXCESS OF APPROXIMATELY 45 MPH,

depending on location and site-specific conditions such as temperature, terrain and local climate



## CONDITION OF DRY FUEL

on the ground and live vegetation (moisture content)



## ON-THE-GROUND, REAL-TIME OBSERVATIONS

from PG&E's WSOC and field observations from PG&E crews

# Impacts to our Water, Sewer, and Regional Systems



# PG&E Notifications

- 48 hours prior
- 24 hours prior
- PSPS Dashboard
- Ongoing Communication

# Preparation/Impact Mitigation

- Regional Operations
- Local Operations
- Private Systems



# Regional Operations



# Laguna Treatment Facility

- Generator Power
  - 2 – 2 Megawatt
  - 4 – 1.1 Megawatt  
CHP Units
- 15,000 gal Diesel  
Fuel Capacity



# Geysers Operations



# Local Operations

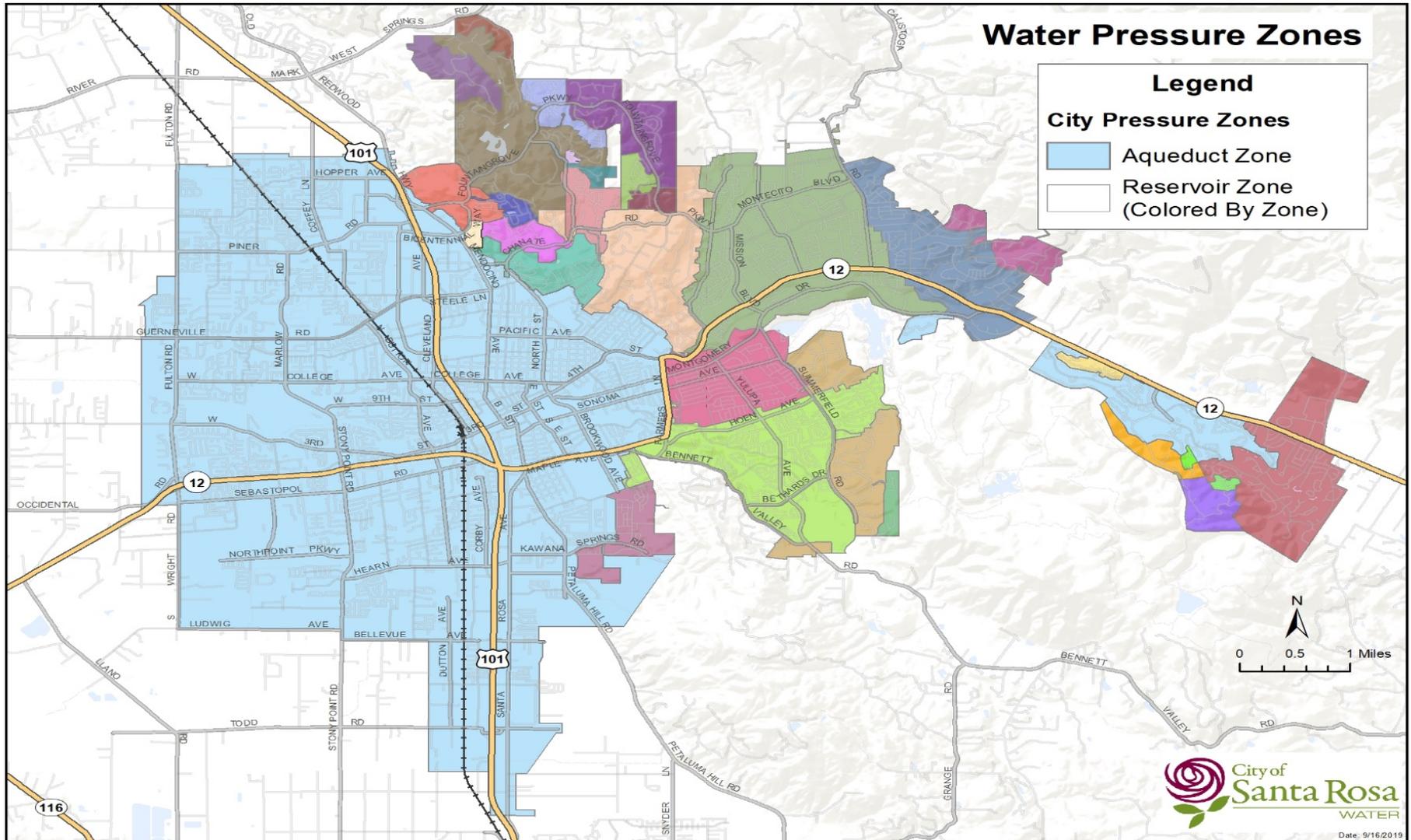
- Water Distribution System
- Sewer Collection System
- Facilities



# Water Supply



# Water Distribution System



# Water Reservoirs



# Water Pump Stations



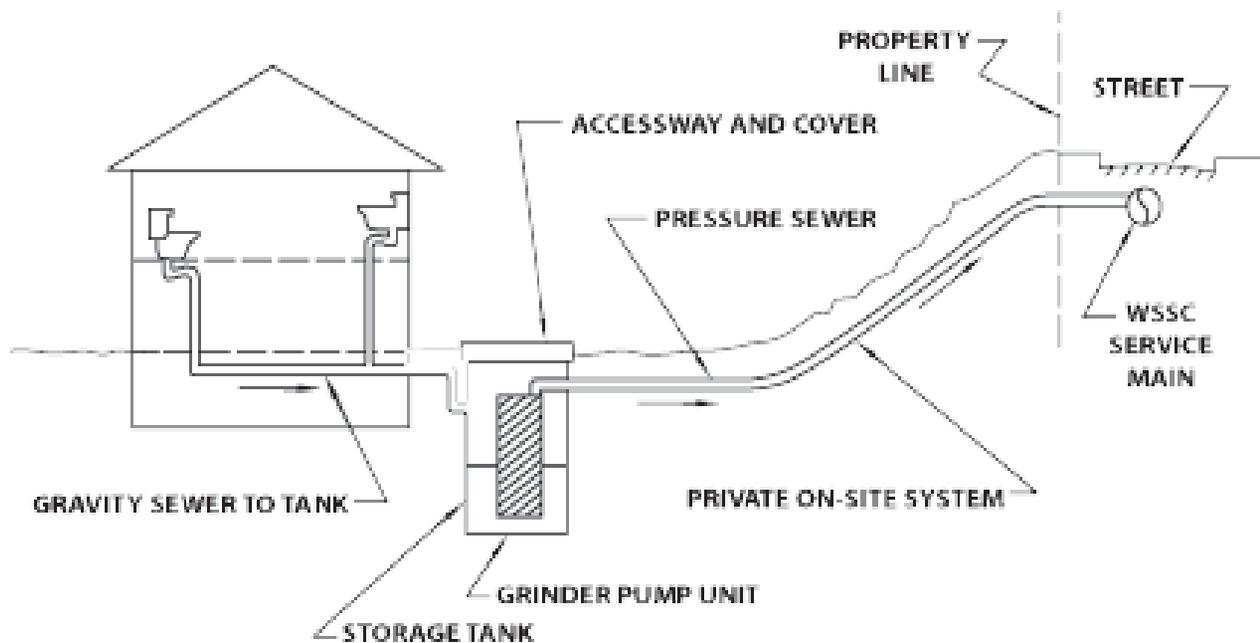
# Sewer Collection System



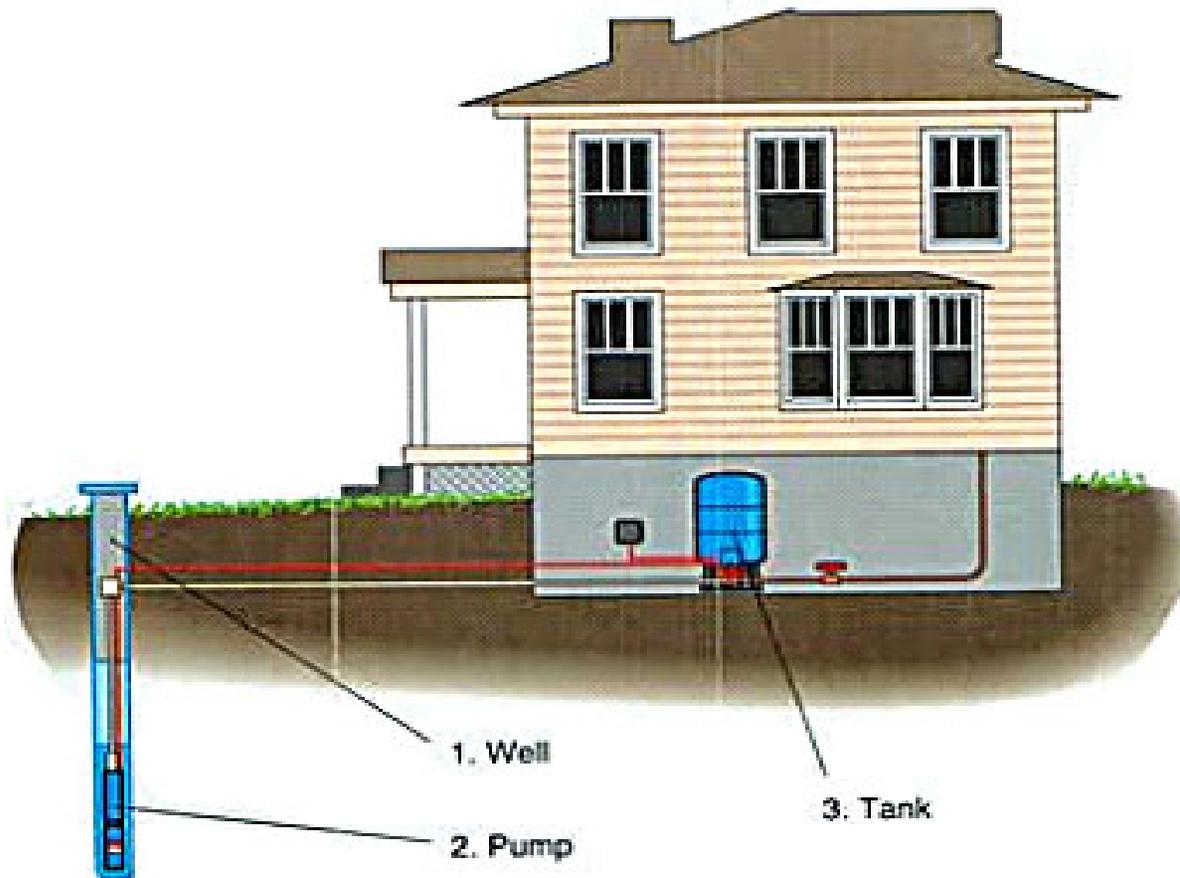
# Facilities



# Private Systems Water and Sewer Pumps



# Private Wells



# Communication & Outreach

## Resources

- [pge.com/psp](http://pge.com/psp)
- [srcity.org/emergency](http://srcity.org/emergency)

## Know Your Alerts

- Sign-up for SoCo Alert  
[SoCoAlert.com](http://SoCoAlert.com) or call  
866-939-0911

**PG&E Public Safety Power Shutoff**  
Shutting off power for safety...

**What is PG&E's Public Safety Power Shutoff Program?**  
If extreme fire danger conditions threaten a portion of the electric system serving Santa Rosa, PG&E may proactively turn off electricity in the interest of public safety.

**City of Santa Rosa**

**KNOW YOUR ALERTS**  
The City of Santa Rosa uses multiple notification and warning systems to make sure emergency alerts are delivered to the people who need the information.

**Emergency Alert System (EAS)**  
National public warning system that will interrupt local broadcast tv and radio programming to provide an alert in the event of a large-scale emergency. **No registration required**

**Wireless Emergency Alerts (WEA)**  
Urgent alerts sent as text-like messages to your mobile phone based on your location (you will only receive notification if you are in the area of the emergency). WEAs have three alert categories – Imminent Threat, AMBER, Presidential. You must keep the factory settings on to your WEA-capable phone to receive a WEA. **No registration required**

**SoCoAlert**  
Emergency notification service providing Sonoma County first responders the ability to alert residents by landline or mobile phone, text message and email about imminent threats to life and property in specific impacted areas. Register all addresses that you would like to receive alerts for (work, child's school, etc.). You don't have to be in the location of the emergency to receive the alert. **Must register at SoCoAlert.com OR call (866) 939-0911, press "0" at the menu, ask operator for assistance with registering for SoCoAlert**

**Nixle**  
Community information service managed by Santa Rosa Police and Fire Departments to send email and/or text message notifications related to public safety (notifications are NOT delivered by phone call). There are three types of Nixle notifications: Alert, Advisory, Community; customize your settings at [nixle.com](http://nixle.com) to control which types of notifications you receive. **Must register at [nixle.com](http://nixle.com) or text your zip code to 888-777**

**Local Radio and Television**  
The City communicates with local news broadcasters to provide updates during an emergency. **Tune radio to 1350 AM, 103.5 FM, 100.1 FM, 89.1 FM (bilingual), 98.7 FM (Spanish); watch preferred local TV news channel**

**Other Ways To Stay Informed**  
Santa Rosa Police Department  
Santa Rosa Fire Department  
City of Santa Rosa

**City of Santa Rosa**

**Emergencies can happen anywhere, at any time.**  
Complete this checklist to register for ALL warning systems to ensure emergency notifications make it to you.

- Register at [SoCoAlert.com](http://SoCoAlert.com) to subscribe your:
  - Home address to receive alerts for this location
  - Business address to receive alerts for this location
  - Other addresses you want to receive alerts for during an emergency in those locations
- Mobile phone number to receive phone call and/or text message
- Email address

Register for Nixle notifications at [nixle.com](http://nixle.com) with your:

- Zip code
- Mobile phone number

**SONOMA READY DAY EMERGENCY PREPAREDNESS FAIR**

**Thousands of emergency kits will be given away.**



# Questions