

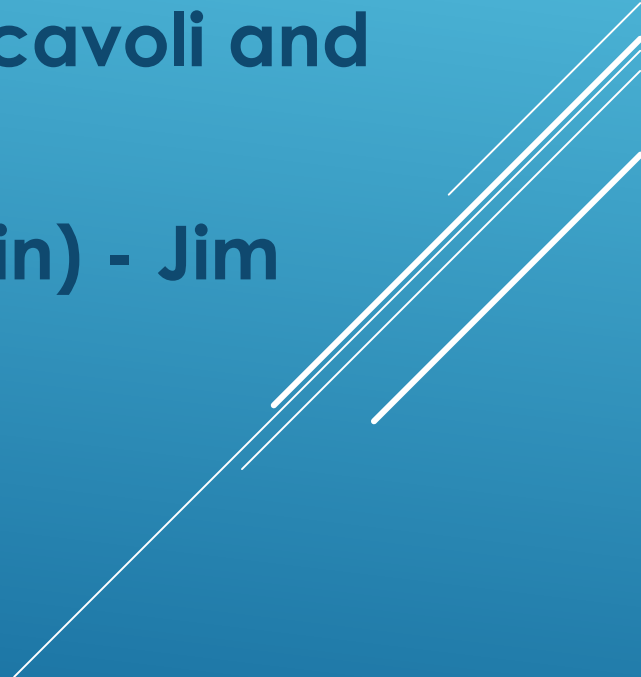
PREPARING FOR PUBLIC SAFETY POWER SHUTOFFS

DRINKING WATER AND WASTEWATER UTILITIES
SUMMER RTOC 2020

Emmanuelle Rapicavoli and Andrew Sallach
EPA Region 9 Tribal Drinking Water Team

Jim Wollbrinck
San Jose Water, California WARN

SESSION AGENDA

- 1) Welcome (5 min) – Speaker Introductions
 - 2) EPA Resources to Assist Tribal Utilities Prepare for PSPS Events (10minutes) – Emmanuelle Rapticavoli and Andrew Sallach
 - 3) Mutual Aid Networks and PSPS SOP (35 min) - Jim Wollbrinck, San Jose Water and CalWARN
 - 4) Questions (10 minutes)
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CALIFORNIA TRIBAL WATER SYSTEMS RESILIENCY VIRTUAL WORKSHOPS

- ▶ Each workshop will feature a tribal utility case study followed by presentations from organizations that are available to assist tribes during potentially prolonged power outages. The afternoon session will include discussion of a new water system PSPS standard operating procedure (SOP) template and other power resilience resources.
- ▶ CEU contact hours for water and wastewater operators are available.
- ▶ **NorCal September 1, 2020:**
<https://attendee.gototraining.com/r/4534919624212834050>
- ▶ **SoCal September 3, 2020:**
<https://attendee.gototraining.com/r/851304982512121090>



FUNDING FOR EMERGENCY GENERATION AT TRIBAL UTILITIES



- ▶ Indian Health Service is leading a project to identify emergency generation needs at tribal water and wastewater utilities in California. Funding partners have included CalOES, IHS, and EPA.
- ▶ EPA has prioritized funding for several projects through the Clean Water Indian Set Aside and Drinking Water Tribal Set Aside Program.
 - ▶ \$660k to support 10 generator projects at tribal wastewater utilities
 - ▶ \$1.5M to support 22 generator projects at tribal drinking water utilities
- ▶ Do you have a generator need for a community drinking water or wastewater system? contact: Jonathan.Rash@ihs.gov



- ▶ PSPS events may result in water outages;
- ▶ Low pressure in water mains may introduce contaminants to the drinking water supply;
- ▶ EPA may recommend consumers be informed of risks as a result of a low-pressure event;
- ▶ PLEASE CONTACT YOUR EPA DW PROGRAM MANAGER if think you may lose pressure

LOSS OF PRESSURE

PUBLIC NOTICE EXAMPLE

Date: _____

DRINKING WATER WARNING

_____ water system, (PWS ID# _____) has had a [LOSS OF PRESSURE/ INCIDENT] that could result in contamination of your drinking water.

BOIL YOUR WATER THREE (3) MINUTES BEFORE USING

_____ water system experienced an event that resulted in loss of pressure in the distribution system, which may cause backpressure, backsiphonage, or a net movement of water from outside the pipe to the inside through cracks, breaks, or joints in the distribution system that are common in all water systems. Such a system failure carries with it a high potential that fecal contamination or other disease-causing organisms could enter the distribution system. These conditions may pose an imminent and substantial health endangerment to persons served by the system.

What should I do? What does this mean?

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring all water to a boil, let it boil for three minutes (one minute is sufficient below 5000 ft. elevation), and let it cool.

EPA Region 9 Tribal Drinking Water Program Managers



- Andrew Sallach – Arcata and Eastern Arizona
- Bessie Lee / Navajo Nation PWSSP - Navajo
- Greg Gholson – Escondido, San Diego & Yuma
- Jason Gambatese- Ukiah, Sac., Fresno & Palm Springs
- Jeffrey Tsai – Phoenix, CRITs & Hopi
- Karl Banks – Nevada & Eastern California
- Karly Ho – Tri-State & Tohono O’Odham

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