
Gathering & Tracking Information During Emergencies



Presented by Chantal Tea Wikstrom

Oregon
Health
Authority

DRINKING WATER SERVICES
Public Health Division

Agenda

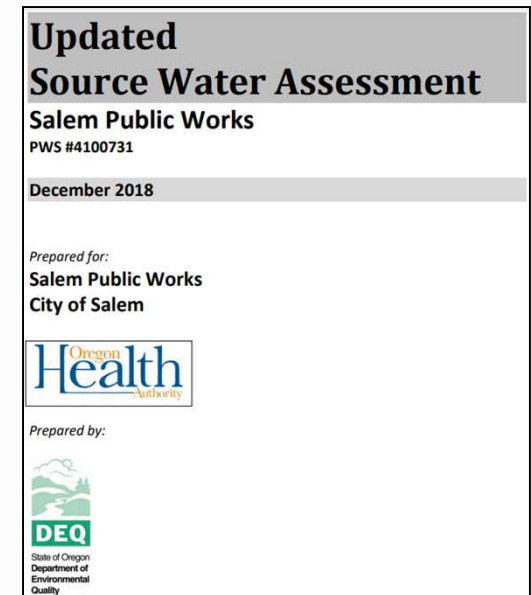
- Emergency Response Rule Proposal
- Drought Response
- Emergency Notifications & Communications
 - How Partners Fit In
 - Data Gathering, Tracking & Sharing (Smartsheets)

Emergency Response & Planning Rule Proposal

- [Emergency Response Plan Requirements 333-061-0064](#)
- Transient and non-transient non-community water systems
 - Emergency response plans (ERP) will no longer be required.
 - DWS still recommends these systems and very small systems to develop and maintain an ERP.
- CWS serving [less than 3,300](#) people or less
 - Simplified ERP: procedures for emergency disinfection, water advisories issued to customers in the event of power outage, loss of pressure, disruption of disinfection or treatment, detections, etc.
 - Cybersecurity measures in place if computer networks or automated control systems are in place.
 - Coordinate with local emergency management agencies if WS cannot respond to emergency.

Emergency Response & Planning Rule Updates

- CWS serving more than 3,300 people
 - Align with EPA's AWIA requirements for risk and resilience assessments (RRA) and ERP.
 - Proposed additions: identify connections serving vulnerable populations, describe procedures for notifying customers, local media and agencies.
 - Develop response procedures for events involving high-risk contaminant sources or activities as identified in DEQ's source water assessment.



[Link: DEQ Source Water Assessments](#)

What does this mean for partners?

- During surveys
 - Discuss requirements for the PWS
 - CWS serving more than 3,300 people should update their ERP on the next 5-year cycle

Drought

- In 2021, 26 of 36 counties declared a drought emergency
- Public water supplies around the state were impacted, with more PWS's hauling water temporarily
- **Action item:** Coordinate with county / local emergency manager so they are familiar with drinking water systems, issues, and process



Drought

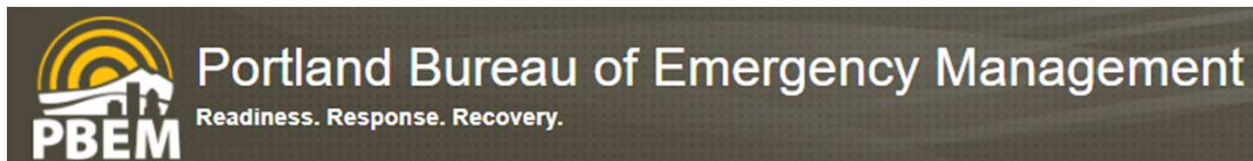
- What to do if you are aware of a PWS impacted by drought:
 - Discuss curtailment options and [WRD drought resources](#).
 - Ask the system what options they have: intertie with neighboring system, alternate source, hauling water.
 - Review emergency response procedures with PWS, including when to ask for assistance from local EM
 - Encourage coordination with local emergency manager.
 - Write a contact report and communicate with DWS! OHA, WRD, OEM are tracking.

Emergency Notifications & Communications

How Partners Fit In

Cross Coordination

- “Bridging the Gap” to protect public health and maintain/restore essential service.
- Build relationships with local/county emergency managers. Contact sharing before an emergency.
- Educate local/county emergency managers know what the public health office does.
 - Identify resources needed for water systems (shock chlorinating, BMPs, water hauling guidelines, alternate water, etc.)
 - Assist in evaluating if an advisory is needed



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Emergency Notifications & Communications

How Partners Fit In

Information Gathering & Sharing

- Assist in gathering updates from water systems during an emergency and report data to DWS.
- This information is shared with other responding agencies to a water system's emergency response efforts.
 - Oregon Emergency Management (OEM)
 - Water Resources Department (WRD)
 - Public Works
 - Mass Care (emergency food/water/shelter)
- DWS using Smartsheets to gather and track water system updates.
 - Flooding, wildfires, chemical shortages, cybersecurity, etc.

Emergency Notifications & Communications

How Partners Fit In

Oregon Public Health
Drinking Water Data Online *** TEST SITE *** Oregon Health Authority

Introduction :: Data Search Options :: Water System Search :: DWS Home :: DWS Rules

Web Form Menu :: Contact Reports & Advisories :: Deficiencies Chantal Wikstrom :: Log Out

DWS Web Forms

[Contact Report Instructions \(PDF\)](#)
Last modified: November 14, 2019

[View Your Profile](#)

[Contact Reports & Advisories](#)


[Update Deficiencies](#) - Record completion dates and revised due dates from corrective action plans

[Upload Plan Review Letters](#)


[Upload Plan Review Waivers](#)

[Water System Contact Info](#)

[Emergency Response](#)


Oregon Public Health
Drinking Water Data Online

*** **TEST SITE** ***



[Introduction](#) :: [Data Search Options](#) :: [Water System Search](#) :: [DWS Home](#) :: [DWS Rules](#)

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PWS ID: [00731](#) ---- SALEM PUBLIC WORKS

***REMINDER:** Water system email addresses and emergency phone numbers are for PROGRAM USE ONLY. This information should only be used by Drinking Water Services and its representatives to communicate with water systems.

Change PWS: OR41

CURRENT SYSTEM INFORMATION

Activity Status: ACTIVE	System Type: COMMUNITY
Regulating Agency: REGION 1	Owner Type: Local Government
County Served: MARION	Service Area Type: Municipality
Connections: 56,464	Operating Period: Jan 1 - Dec 31
Population Served: 199,820	Primary Source: SW

Administrative Contact: DWAYNE BARNES

Address: 1410 20TH ST SE BLDG 2
SALEM, OR 97302

Phone: 503-588-6483

Emergency*: 503-369-7860
503-932-1009

Email*: dbarnes@cityofsalem.net



Drinking Water Emergency Response Form [PRACTICE]

PWS ID *

Enter the LAST 5 DIGITS of the PWS ID. Search here if ID is unknown <https://yourwater.oregon.gov/wssearch.php>

00731

PWS Name *

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Your Name (First & Last)

Your personal info will remain private and will not be shared outside of DWS

Your Email

Your personal info will remain private and will not be shared outside of DWS

chantal.t.wikstrom@dhsosha.state.or.us

Incident (wildfire) Name

Select or enter value

Temporary System Closure (Y/N) *

Select

Power Outage (Y/N) *

Select

Pressure Loss (Y/N) *

Select

Source Water/Intake Damage (Y/N) *

Select

Treatment Plant Damage (Y/N) *

Select

Storage Tank Damage (Y/N) *

Select

Distribution Damage (Y/N) *

Select

Immediate Resource Needs? *

Select

List Other Resource Needs

Are you a member of ORWARN? *

Oregon Water/Wastewater Agency Response Network <http://orwarn.org/>

Select

Response Phase Status Update

Provide update on evacuation status, downed trees, loss of electricity, type of damage to system, connections lost, water advisories, etc.

Provide photos of water system issues or damage if available

Drag and drop files here or [browse files](#)


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	PWS ID	PWS Name	Owner Type	Primary Source Type (SW, GW, GWUDI)	Incident (wildfire) Name	Temporary System Closure (Y/N)	Power Outage (Y/N)	Pressure Loss (Y/N)	Source Water/Intake Damage (Y/N)	Level of Source/Intake Damage	Treatment Plant Damage (Y/N)	Level of Treatment Damage	Storage Tank Damage (Y/N)	Level of Storage Tank Damage	Dist (Y/N)
1	OR41-0001	Test				Yes	Yes	Yes - Partial	No	Major & non-operation	No	Unaffected			Yes
2	OR41-0021	eweb-practic				Yes	No	No Pressure	No	Unaffected	No	Unaffected			No
3	OR41-	test				Unsure	can i type any	No Pressure	No	Destroyed & non-oper	No				No
4	OR41-9991	HALL OF FA	S	SW		No	No	No Pressure	No		No				No
5	OR41-0021	EUGENE W.	LOCAL GOVT	SW		No	No	No Pressure	No		No				No
6	05556	chantal				No	No	No Pressure	No		No				Yes
7															
8															
9															
10															
11															
12															
13															

Example



Drinking Water Chlorine Shortage Response

Please fill out this form if your system is experiencing chemical supply shortages.

During a Large Scale Emergency Response Situation
DW partners, water system staff and operators should fill out this form to provide WS updates, issues, or immediate resource needs.

Date *

Your Name *

What county are you in? *

PWS ID OR41- *

PWS Name *

Do you use chlorine for disinfection? *

Is your system experiencing chlorine shortage? *

How many days will the current supply of chlorine disinfection chemical last? *
Please enter number of days

Is there back-up disinfectant other than chlorine? *

If backup disinfection available, explain.

Can you locate disinfectants from other suppliers? *

If there are alternative suppliers, please list their names.

Any other chemical supply shortages? *

If there are other chemical shortages, explain.
List necessary chemicals there is a shortage of, current supply (in days), what the chemical is used for, any backup, etc.

Any other comments or questions?

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Submit

Other Resources

- [DWS wildfire resources](#)
- [Post wildfire VOC monitoring](#)
- [DWS Public Notice Templates](#)
 - [Translation templates](#)
 - [Public Notification Rules](#)
- [AWIA 2018](#)
- [DWS Risk & Resilience and Emergency Response Plan template](#)
- [DWS Water Hauling Guidelines](#)
- [Coliform alert response procedures](#)
- BMPs ([Repairing Water Mains](#), [Reduced Pressure Events](#))
- [Coordination of Water and Emergency Services Sector \(EPA article\)](#)

Thank you!

Questions, suggestions, feedback: Chantal.t.Wikstrom@dhsosha.state.or.us