

October 2019

National Preparedness Month occurs each September to promote family and community emergency preparedness. The 2019 theme is "Prepared, Not Scared." We need you to be "Water Ready".

On September 26, 2019 Clackamas River Water hosted a regional emergency water supply and distribution drill sponsored by the Regional Water Providers Consortium at Riverside Park. There were over 100 participants, 5 mobile water treatment trailers, 5 distribution trailers, 3 overland pipe systems, an Incident Command vehicle and a traffic management trailer.

The goal was to treat water from the Clackamas River, move the water through overland pipe to mobile water distribution systems used to provide potable water to the public after a loss of normal water supplies.



Equipment training was provided for all attendees as well as basic orientation on the Incident Command System forms and processes. The newly completed CRW VHF radio system was used by the equipment owners to coordinate our efforts between treatment and distribution systems. Based on feedback and water quality testing drill goals were achieved.

Your home preparedness is critical in providing CRW with the time to recover and then deploy the specialized equipment to support you and your family. "Water Ready" is at least 14 gallons per person per day, and don't forget your pets. We are doing our part to prepare. Are you?

For more information on preparedness go to the Regional Water Providers webpage at www.regionalh2o.org/personal-preparedness or visit www.Ready.gov.

Winterization Tips

Insulating pipes is a great place to begin Winterizing. Inspect the exterior of the property and make sure to caulk around pipes where they enter the house. Start by closing all foundation vents. Open vents are one of the causes of frozen or split water lines. Simply cut wood or Styrofoam blocks (available at hardware stores) to fit vent openings, then slide them into the vents. Make sure to open the vents again in the spring to prevent dry rot.

When temperatures are expected to drop below freezing, let water trickle from the faucets inside your home. A stream slightly smaller than a pencil width should be sufficient. This eliminates pressure that can build between your line and the faucet, so even if a pipe freezes, it may not burst.

For more information and tips on winterizing please visit our website at www.crwater.com or contact our office directly at (503) 722-9220.

With winter on the horizon, don't leave yourself unprepared. Follow these helpful recommendations to get ahead of the freezing temperatures and protect your pipes from potential breaks.



Clackamas Watershed Resilience Study

The Clackamas River Water Providers (CRWP) and Water Environment Services (WES) have been working with Institute for Sustainable Solutions (ISS) and Portland State University (PSU) for the past year to better understand how resilient our watershed is in the face of climate change and what this might mean for our drinking water source and stormwater management practices in the Basin.

Like other areas of the Pacific Northwest, the Clackamas River watershed is vulnerable to changes in climate which could impact water supplies and the natural and human systems that depend on them. Increases in winter flow and decreases in summer flow are particularly likely to have negative impacts on our water resources, urban stormwater quality, and water needed for our communities and ecosystems.

The project team for Phase 1 of this project included representatives from CRWP, WES, faculty and graduate students from PSU, and a project manager from the ISS. PSU researchers focused on the following areas: precipitation patterns, extreme events, snow vs rain, turbidity, flow and flooding, and wildfire risks. The project team met monthly to discuss research questions, share research updates and findings, and the implications of their results.

The Goal of the Phase 1 work was to provide a holistic understanding of recent and historical trends in climate, hydrology, and management of the watershed and how this can help water and land managers understand the current state of the watershed so that they prepare for and respond to changing human and natural conditions. To see a copy of the Phase 1 Report go to www.clackamasproviders.org

Phase II of this project seeks to continue that research with two objectives: (1) Applied Climate Science, (2) Climate Adaptation Planning.

Applied Climate Science

This research will develop future meteorological projections for temperature and precipitation specific to the Clackamas River watershed for two purposes:

1. To understand predicted changes in 21st century climate related to winter temperature, freezing levels, and precipitation trends, and summer heat waves.
2. To answer questions about how predicted changes in 21st century climate, combined with increased development, may influence flow and sediment loading in the Clackamas River watershed.

Climate Adaptation Planning

This research will use existing knowledge from this project to develop applied climate science-informed management developed through engagement with a broad spectrum of stakeholders. Workshops will be used to identify what actions best build on the assets within the watershed to address the vulnerabilities and risks faced by the watershed. Outcomes from these workshops will help facilitate the development, communication, and implementation of science-based strategies for adapting to the impacts of climate change and other stressors.

Collaborations such as this with PSU bring together researchers and practitioners to work across institutions, building effective interdisciplinary community-university partnerships that produce outcomes that will help us take on the challenges presented by climate change and understand the resiliency of our watershed.



Holiday Closures

CRW's Main Office will be closed on:

Monday, November 11, 2019 in observance of Veteran's Day

Thursday, November 28 and Friday, November 29, 2019 in observance of Thanksgiving Day

Wednesday, December 25, 2019 in observance of Christmas Day

Wednesday, January 1, 2020 in observance of New Years Day

 @cr_water

Find us on 

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Monday - Thursday 7:30 a.m. - 5:00 p.m.
Friday 7:30 a.m. - 4:00 p.m.

