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# **Drinking Water Services Fall Training—Program Update**

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# Outline

- Program Update
  - 5 year review
  - Federal update
  - Legislative update
  - PFAS update
  - Rulemakings



# Past 5 years in review...

**2017**

**Portland issues**



**2018**

**Salem cyanotoxins**



**2021**

**Pandemic & Chlorine**



**2019**

**Drinking Water fee bill**



**2020**

**Pandemic and Wildfires**



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# Chlorine Supply scare—June 2021

Westlake Chemical Facility in Longview, WA shutdown chlorine production for 3 weeks due to failed transformer.

- 1,000+ PWSs use chlorine, 300+ required for disinfection.
- PWSs quickly surveyed for current Cl supply, no acute shortages reported. DWS shared a prioritized list of systems.
- Systems with on-site generation were unaffected.
- Issues with response if shortages had occurred:
  - No State or Federal Cl supplies.
  - Mutual aid through ORWARN available to smaller systems, but issues with transportation.
  - Could have triggered system-wide boil advisories

# Legislature—Water projects



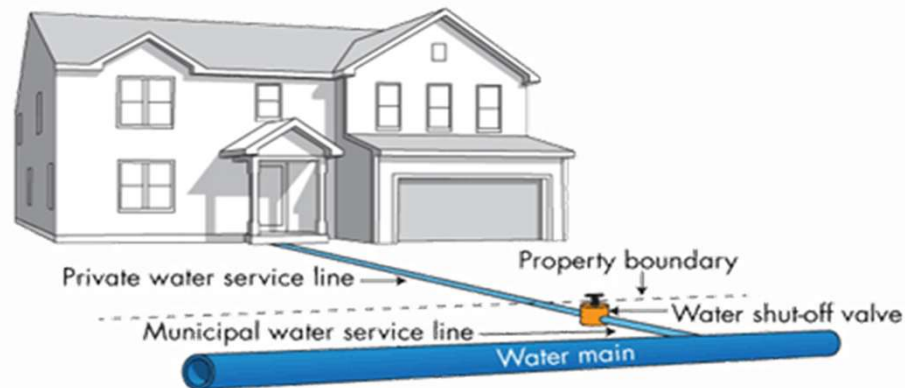
- **HB 5006.** Allocates significant funding to support water infrastructure and wildfire related needs.
  - 48 water and ww projects funded with American Rescue Plan Act (ARPA) funds
  - Projects administered by Business Oregon
  - GF support to cities and counties impacted by 2020 wildfires
- **HB 2145.** Establishes OWRD Water well abandonment repair and replacement fund. HB5006 allocates \$2 million in ARPA funds.

# Federal Updates



## Lead and Copper Rule Revisions:

- January 15, 2021 Final Rule on hold pending review by EPA
  - EPA engaged stakeholders during review process
- Effective date extended to December 16, 2021
- Compliance date extended to September 16, 2024
  - LSL inventory and LSL replacement plans due



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# PFAS updates



## Background:

- Per- and polyfluoroalkyl substances, 4,000+
- Uses in some AFFF fire fighting foams and a wide variety of consumer products, e.g. non-stick coatings, grease and water repellants, stain resistant carpeting, etc.
- Exposures to high levels may: affect growth, learning and behavior of infants and children; lower a woman's chance of getting pregnant; interfere with the body's hormones; increase cholesterol levels; affect the immune system; increase the risk of certain types of cancer (such as kidney and testicular cancer).



# PFAS updates



## Sampling:

- Unregulated contaminants under the SDWA.
  - UCMR 3 sampling 2013-15, included 6 PFAS. No detects in OR
  - UCMR 5 planned for 2023-25. Includes 25 PFAS
  - EPA developing MCLs for PFOA and PFOS:
    - Draft MCLs by Fall 2022; Final by Fall 2023
- OHA/DEQ targeted PFAS sampling project
  - 157 smaller PWSs targeted for sampling this fall
  - Excludes systems that have previously sampled
  - Sample collection and analyses by DEQ, no cost to systems



# PFAS updates



## PFAS Sampling project:

- Developed State PFAS Health Advisory Levels.
- PWS to issue public notice/advisory if exceedances
- See DWS PFAS webpage or contact Gregg Baird for more info

### Comparison of OR PFAS Health Advisory Levels

(parts per trillion)

	Oregon	EPA	CA	WA	MI	MN
PFOA	30	70	10	10	9	35
PFOS	30	70	40	15	8	15
PFHxS	30			65	84	47
PFNA	30			9	9	

# DWS Rulemaking updates

Oregon Health Authority  
Public Health Division - Chapter 333  
Division 61  
DRINKING WATER

## Current rulemakings:

- Separate Non-EPA/State Regulated system rules.
  - “Oregon Very Small System” rules, streamlined
  - Accessible rules for owners, enforceable for regulators
- Update Emergency Response Plan requirements.
  - Align with federal AWIA requirements, additional provisions
  - Simplified ERP requirements for small systems, <3,300
- Both rules on parallel timeline
  - Public comment Nov 1-30; public hearing Nov 18.
  - Finalize by end of year
  - See DWS Rules webpage for details



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