
Drinking Water Services Program Update

Spring Training 2019



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Oregon
Health
Authority





Presentation Overview

- Federal Outlook
- State Rules updates
- Performance Measures
- Legislature

Federal Outlook

Infrastructure Plan/Bill being crafted

- \$2 trillion investment by 2025.
- Roads, bridges, rail, **water**, broadband.
- Unclear how it would be paid for.



Federal Outlook

America's Water Infrastructure Act of 2018 (AWIA):



- **Funding:** Reauthorizes grant funding at higher levels.
- **Small systems:**
 - Consolidation incentives. Requires rules in 2yrs.
 - Third party management of failing. Requires rules.
 - EPA study of “Intractable Systems” and report to Congress.
- **Reporting:** Electronic distribution of CCR. Twice a year.
- **Resiliency:**
 - Risk assessments for malevolent acts and natural hazards required for systems serving >3,300 people.
 - Updated emergency response plans.

Federal Outlook

WIIN Act 2016 grants to States:

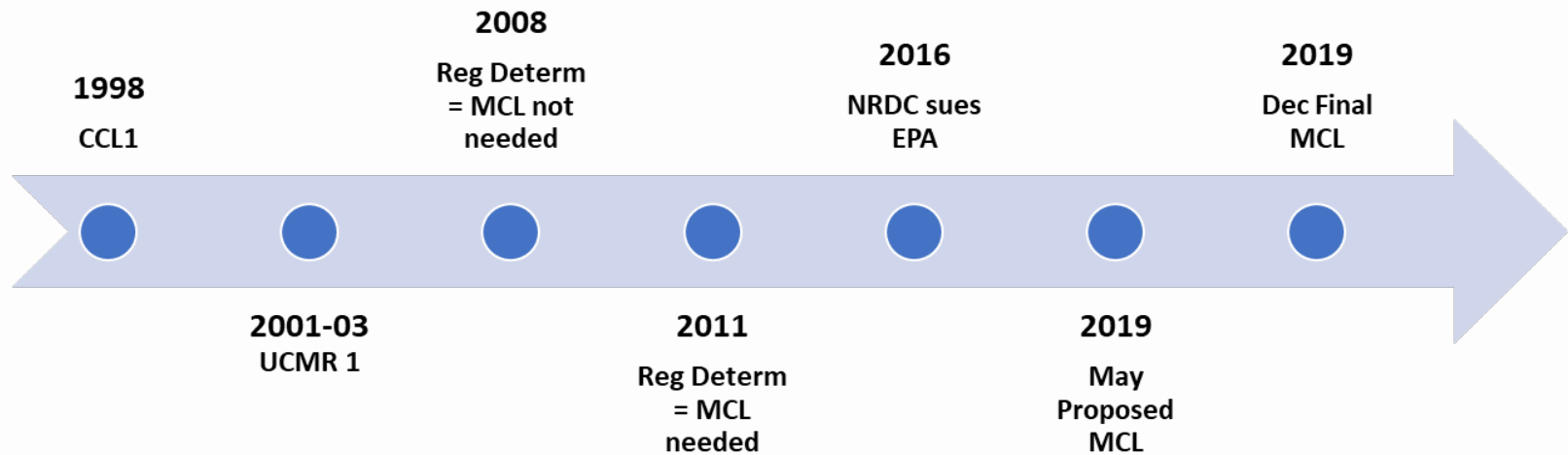
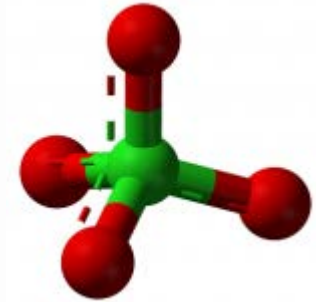
- **Lead in Schools:**
 - \$1.1 million to be allocated to ODE in 2019
- **Small or Disadvantaged Communities:**
 - \$556,000 to be allocated to DWS in 2019
 - Small (<10,000 served) or Disadvantaged communities eligible:
 - Infrastructure improvements needed for compliance;
 - Programs to provide household water quality testing, including testing for unregulated contaminants;
 - Activities necessary and appropriate for a State to respond to a contaminant.



Federal Outlook

Proposed new **Perchlorate** standard:

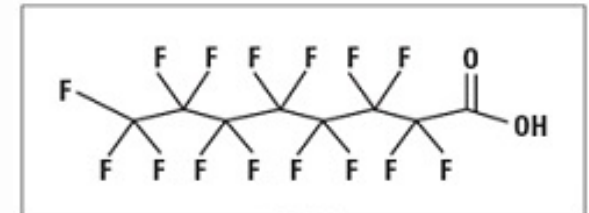
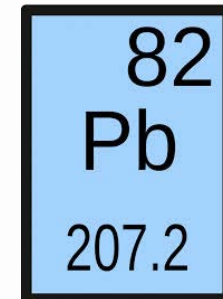
- Oxidizer used in rocket fuel, fireworks, flares
- Disrupts normal function of thyroid gland
- Proposed standard due May 28, 2019.
- First standard under framework of 1996 amendments to SDWA



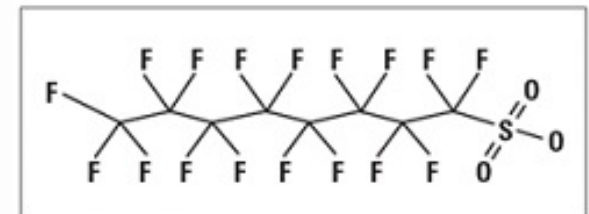
Federal Outlook

Proposed rule revisions/standards

- **Lead and Copper Rule Revisions:**
 - Late Summer 2019
- **PFOA/PFOS Regulatory Determination:**
 - By end of 2019
 - Starts the long process of developing MCL



PFOA



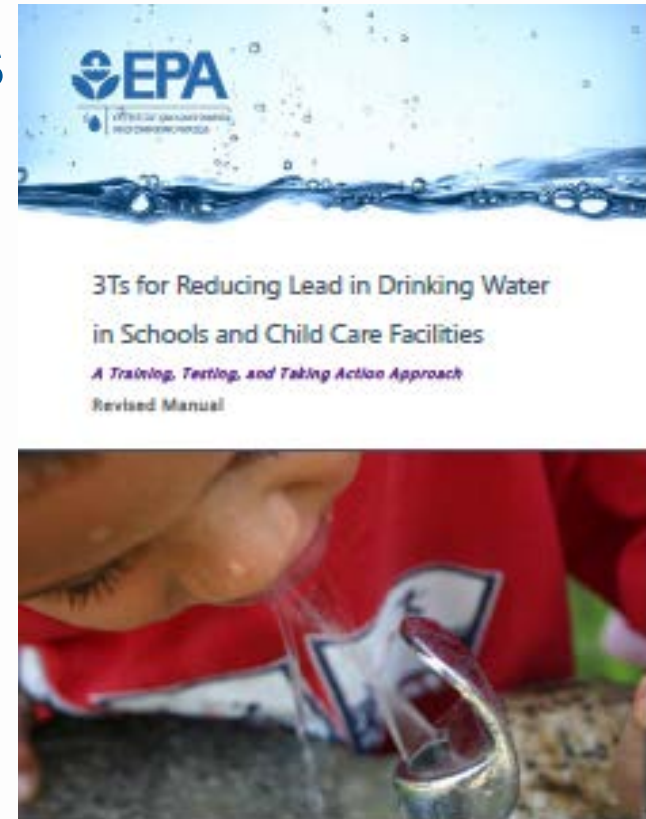
PFOS

State Rules Update

Lead in Schools testing guidelines

Applies to K-12 schools:

- Sample all consumptive taps
- Mitigate if 15 ppb or above
- Sample every 6 years
- ODE will implement / enforce
- Funding provided by State / ODE
- New EPA 3Ts guidance!
 - No recommended mitigation level



State Rules Update

Operator Certification reforms

- New “Operator-in-Training” provision
- Removing the requirement for original documents
- Adding the provision to pro-rate initial certification fees under certain circumstances



State Rules Update

Cyanotoxin Monitoring Rules

- 60 “Susceptible” systems
- Monitor May 1 through Oct 31
- Issue an Advisory for confirmed exceedances in finished water



Emergency Preparedness



EPA AWIA Requirements:

- Risk and Resilience Assessments, if serving >3,300
 - Assess risks from malevolent acts and natural hazards
 - Update ERPs within 6 months of risk assessment
 - Certify completion to EPA by:
 - March 31, 2020 serving >100,000
 - December 31, 2020, serving 50,000 to 100,000
 - June 30, 2021, serving 3,300 to 50,000
 - Review and Update every 5 years; recertify to EPA

Emergency Preparedness

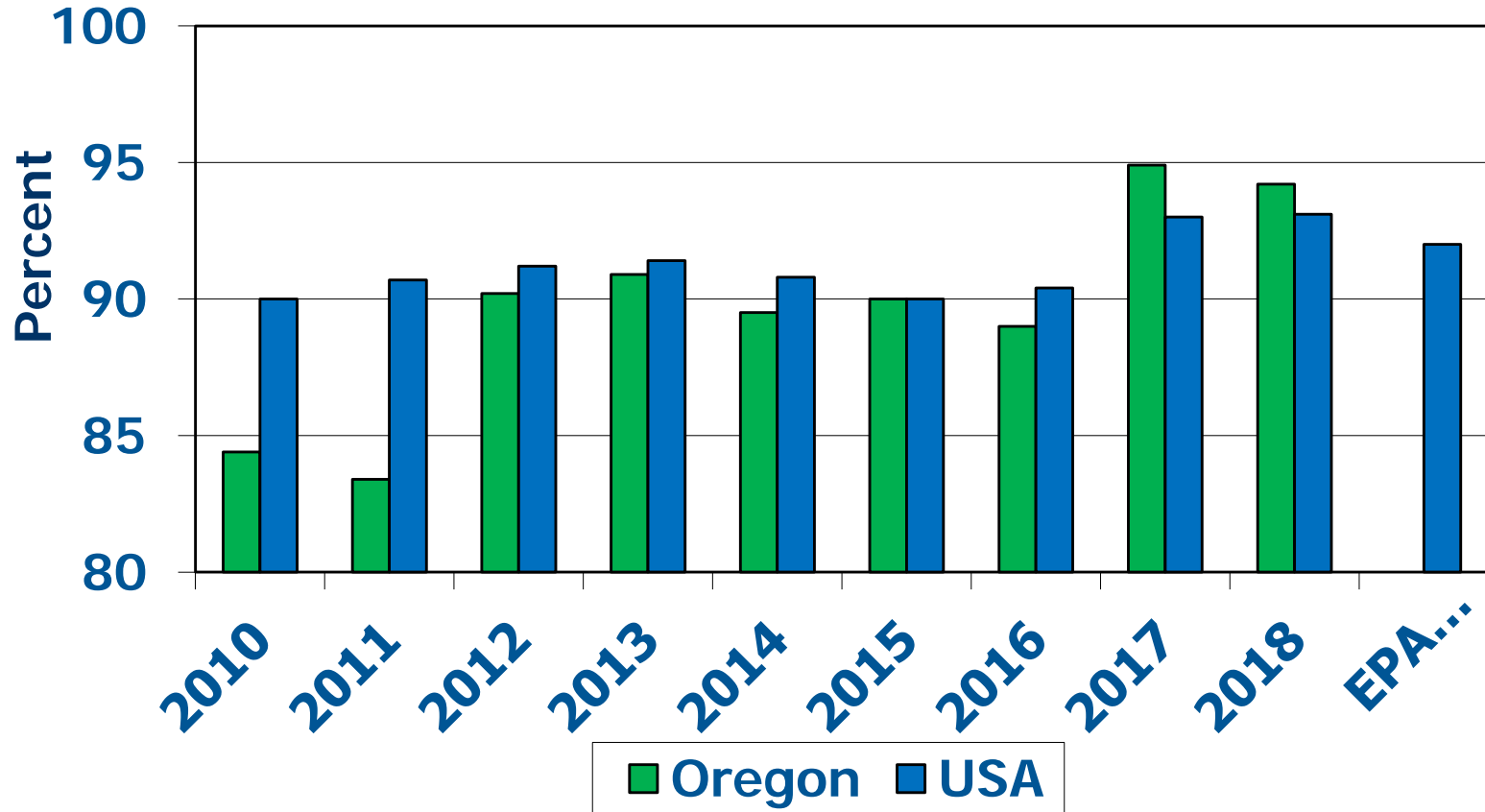
Emergency Response Plan Requirements (OAR 333-061-0064) very similar to AWIA:



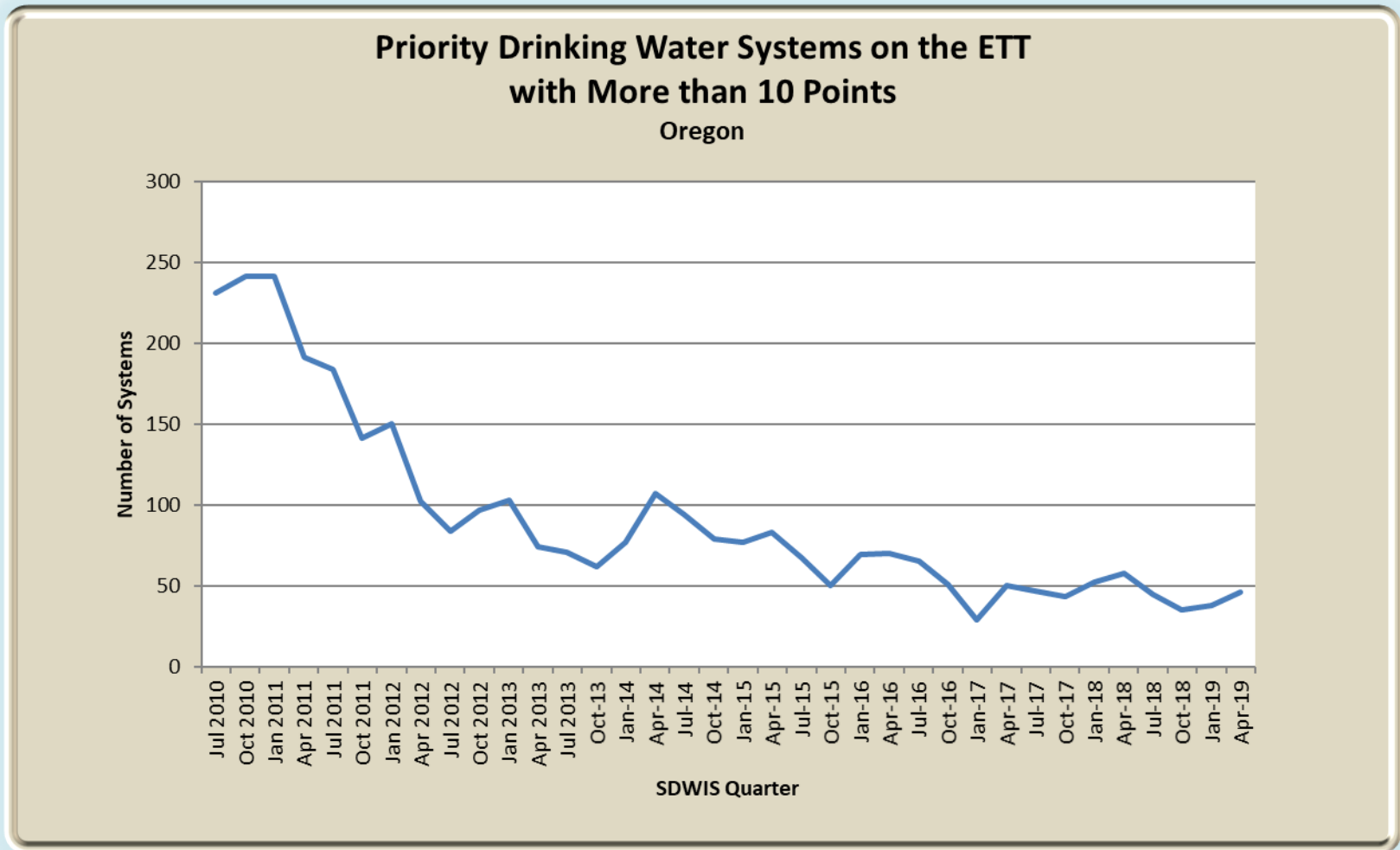
- All systems must address:
 - Water system security, physical, chemical, computer;
 - Water system hazard review;
 - Emergency equipment and supplies;
 - Emergency response procedures;
 - Staff training; and
 - Updates every 5 years.
- Lack of Emergency Response Plan is the second most common Survey Deficiency

Safe Drinking Water Performance Measures

Percent of community water systems that meet health-based standards throughout the year



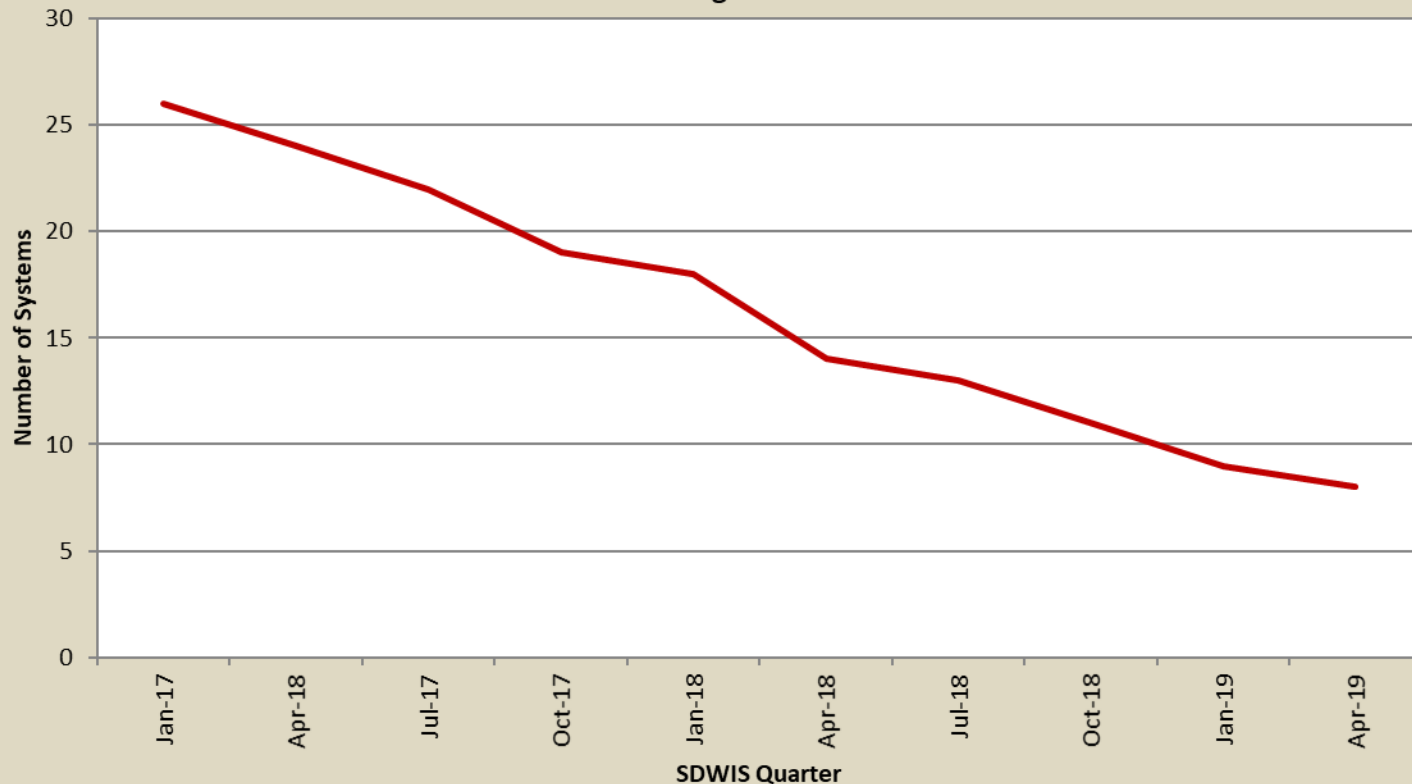
Safe Drinking Water Performance Measures



Safe Drinking Water Performance Measures

Red Systems

On the Enforcement Priority List for More than Six Months
Oregon



Safe Drinking Water Performance Measures

Some Overall Numbers:

98 Percent of pop. served by CWS meet all health based standards.

94 Percent of CWS meet all health based standards.

99 Percent of sanitary surveys due that are completed.

80 Percent decline in number of Priority Non-compliers since 2010.

35 Percent of CWS have implemented source water protection plans.

28 CWS with health based violations currently.

18 Systems with Lead Action Level exceedances in 2018.

17 Active water advisories currently, excluding loss of pressure.

48 Crypto oocysts detected by Portland in last 6 months.

53 Percent of Non-EPA systems fail to submit all routine lab analyses.

42 Percent of sample results reported electronically.

Safe Drinking Water Performance Measures

Some County/Ag Numbers:

80 Percent of Counties perform drinking water work under PE50.

99 Percent of County/Ag sanitary surveys due are completed (451).

86 Percent of County/Ag survey reports completed within 45 days.

2,046 EPA systems regulated by County/Ag partners.

736 EPA system Alerts responded to by County partners.

773 Non-EPA systems “regulated” by County/Ag partners.

169 Non-EPA system Alerts responded to by County/Ag partners.

9 County/Ag systems on Priority Non-Complier list

1 County/Ag system on Priority Non-Complier list for 6+ months.

11 Unresolved significant deficiencies at County/Ag systems.

Legislature

Drinking Water Fee bill (SB27)

– Purpose.

- Restructure fee authority, replace survey fee with broader annual fee.
- Restore capacity to the program
- Generate enough additional revenue to restore 5 positions and increase County support.

– Status.

- Passed by Senate Health Care
- To be heard by Ways and Means Subcommittee

– Rulemaking.

- If it passes, fee rates will be set in rulemaking fall of 2019
- New rates take effect in 2020 billing cycle



Proposed Revised Drinking Water Fee Schedule (replacing existing schedule in OAR333-061-0076(5))

	# of connections	Population	Existing Survey Fee (Annualized)	Proposed New Fee Rates	Avg Cost/Person/year
State regulated	4-14	10-24		\$ 75	
Non-community water system (transient, non-transient)	N/A	N/A	\$ 90	\$ 150	
Community water system	15-250	25-1,000	\$ 150	\$ 175	\$ 2.12
Community water system without WT classification	251-500	1,001-2,000	\$ 675	\$ 675	
	501-1,000	2,001-4,000	\$ 900	\$ 1,125	
	1,001-3,000	4,001-12,000	\$ 1,200	\$ 1,500	
	>=3,001-5,000	>=12,001-20,000	\$ 1,800	\$ 3,000	
	5,001-10,000	20,001-40,000		\$ 5,625	
	10,001-15,000	40,001-60,000		\$ 9,000	
	15,001-30,000	60,001-120,000		\$ 13,500	
	30,000-100,000	120,000-400,000		\$ 31,500	
	>100,000	>400,000		\$ 48,750	
Community water system with WT classification (treatment required to meet a standard or treatment technique)	251-500	1,001-2,000	\$ 900	\$ 900	\$ 1.45
	501-1,000	2,001-4,000	\$ 1,200	\$ 1,500	\$ 1.13
	1,001-3,000	4,001-12,000	\$ 1,600	\$ 2,000	\$ 0.70
	>=3,001-5,000	>=12,001-20,000	\$ 2,400	\$ 4,000	\$ 0.44
	5,001-10,000	20,001-40,000		\$ 7,500	\$ 0.36
	10,001-15,000	40,001-60,000		\$ 12,000	\$ 0.34
	15,001-30,000	60,001-120,000		\$ 18,000	\$ 0.29
	30,000-100,000	120,000-400,000		\$ 42,000	\$ 0.22
	>100,000	>400,000		\$ 65,000	\$ 0.11
Community water system purchasing exclusively or wholesaler without distribution	251-500	1,001-2,000	\$ 540	\$ 540	
	501-1,000	2,001-4,000	\$ 720	\$ 900	
	1,001-3,000	4,001-12,000	\$ 960	\$ 1,200	
	>=3,001-5,000	>=12,001-20,000	\$ 1,440	\$ 2,400	
	5,001-10,000	20,001-40,000		\$ 4,500	
	10,001-15,000	40,001-60,000		\$ 7,200	
	15,001-30,000	60,001-120,000		\$ 10,800	
	30,000-100,000	120,000-400,000		\$ 25,200	
	>100,000	>400,000		\$ 39,000	

Non-EPA systems pay nominal fee

Small systems see low or no increases

Med. to large systems see major increases, but cost/person is low



Legislature

Other bills of interest:

- HB2250 Gov's Anti-backsliding bill
- HB3326 Harmful Algal Blooms funding for DEQ/OHA
- HB2860 Requires landlords with domestic wells to test drinking water
- HB2331 Limits WRD enforcement of well construction



Working together to
keep drinking water
safe for all Oregonians.

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