
Drinking Water Services Fall Partner Training

December 2023

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Outline

- Budget/funding
- Recruitment
- Rules
 - LCRI
 - LCRR
 - PFAS
- UCMR and emerging contaminants
- Performance measures
- Program strategies

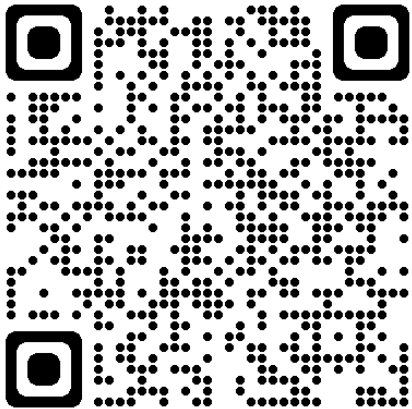


Budget/funding

- Federal government budget
 - Continuing resolution through February 2024
- General fund DWS allotment (2023-2025): \$4.8m
- Infrastructure funding applications
 - FY23 SRF Base and BIL Supp application submission in December
 - FY23 BIL EC and BIL LSLR funding applications in early spring and summer 2024 respectively
 - EC-SDC and WIIN/SUDC grant applications in summer 2024

Bipartisan Infrastructure Law (BIL)

- Provide Letter of Interest by January 15th
- Prioritized by health, compliance, disadvantaged status



Oregon's "Base" DWSRF & BIL Appropriations (2022 - 2026)								
Fiscal Year	"Base" DWSRF	Needs Survey Rate (%)	General Supplemental	Needs Survey Rate (%)	Lead Service Line Replacement	Needs Survey Rate (%)	Emerging Contaminants	Needs Survey Rate (%)
2022	\$ 9,220,000	1.32%	\$ 23,673,000	1.32%	\$ 37,300,000	1.32%	\$ 9,940,000	1.32%
2023	\$ 7,428,000	1.50%	\$ 31,672,000	1.50%	\$ 28,650,000	1.00%	\$ 11,493,000	1.50%
2024	TBD*	1.50%	\$ 31,672,000	1.50%	\$ 28,650,000	1.00%	\$ 11,493,000	1.50%
2025		1.50%	\$ 31,672,000	1.50%	\$ 28,650,000	1.00%	\$ 11,493,000	1.50%
2026		1.50%	\$ 31,672,000	1.50%	\$ 28,650,000	1.00%	\$ 11,493,000	1.50%
Total	\$ 16,648,000		\$ 150,361,000		\$ 151,900,000		\$ 55,912,000	

* TBD - "Base" DWSRF allotment is based on the rate of the annual national DWSRF appropriation after CDS (earmarks) have been removed first - announced late winter or early spring

Recruitment

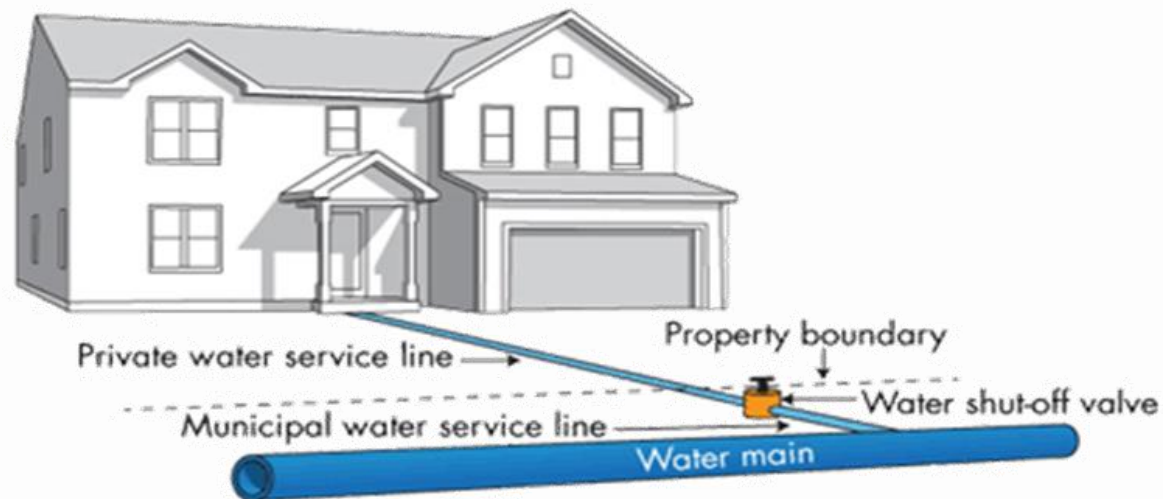
- BIL positions: Natural Resource Specialist 4 (NRS4), Program Analyst 3 (PA3), Research Analyst (RA3), Fiscal Analyst 2 (FA2), and Compliance and Regulatory Manager 1 (CRM1)
 - Legislative approval received (except for CRM1)
 - Meeting with DAS class & comp on 12/11 for Position Description approval
- CRM1 (DMCE Unit Manager)
 - Interviews done
 - Remaining recruitment process by December/January

Rules: Proposed Lead and Copper Rule Improvement (LCRI)

- Proposed LCRI announced on 11/30. Five new provisions:
 - Achieving 100% Lead Pipe Replacement within 10 years
 - Locating Legacy Lead Pipes
 - Improving Tap Sampling
 - Collect first liter and fifth liter samples at sites with lead service lines and use the higher of the two values for compliance
 - Lowering the lead action level from 15 µg/L to 10 µg/L
 - Additional outreach to consumers and make filters (certified to reduce lead) available to all consumers, in case of multiple lead action level exceedances

Rules: Lead and Copper Rule Revisions (LCRR)

- Service line inventory work underway
 - Preliminary inventories due by 10/16/24
- LCRR primacy extension
- Apply for LCRR and LCRI primacy together after LCRI is finalized



Rules: PFAS

- Final rule expected in early 2024 (January or February)
- Total 25 water systems with measurable PFAS detections (24 GW and one SW)
 - 20 of 25 PWS exceed EPA proposed MCLs
 - Only two systems with detections higher than OR HALs



Unregulated Contaminant Rule Monitoring – 5th round (UCMR5)

- EPA requires all systems serving more than 3,300 people and selected smaller systems to monitor for selected unregulated contaminants
- Part of the regulatory determination process to determine frequency and level of detections nationwide
- UCMR5 includes 29 PFAS* and lithium
- Sampling 2023-2025
- EPA pays costs for systems serving < 10,000

* PFAS = Per- and polyfluoroalkyl substances

Manganese

- EPA has established Health Advisory Levels:
 - 0.3 mg/L over 10 or more days for infants
 - 0.3 mg/L lifetime exposure for general population
 - 1 mg/L one-day exposure for general population
- Historic data shows some high levels of manganese in PWS wells
 - If treating or blending, sample to verify
 - Letters being sent for follow up
- If PWSs think they have high Mn, sample!

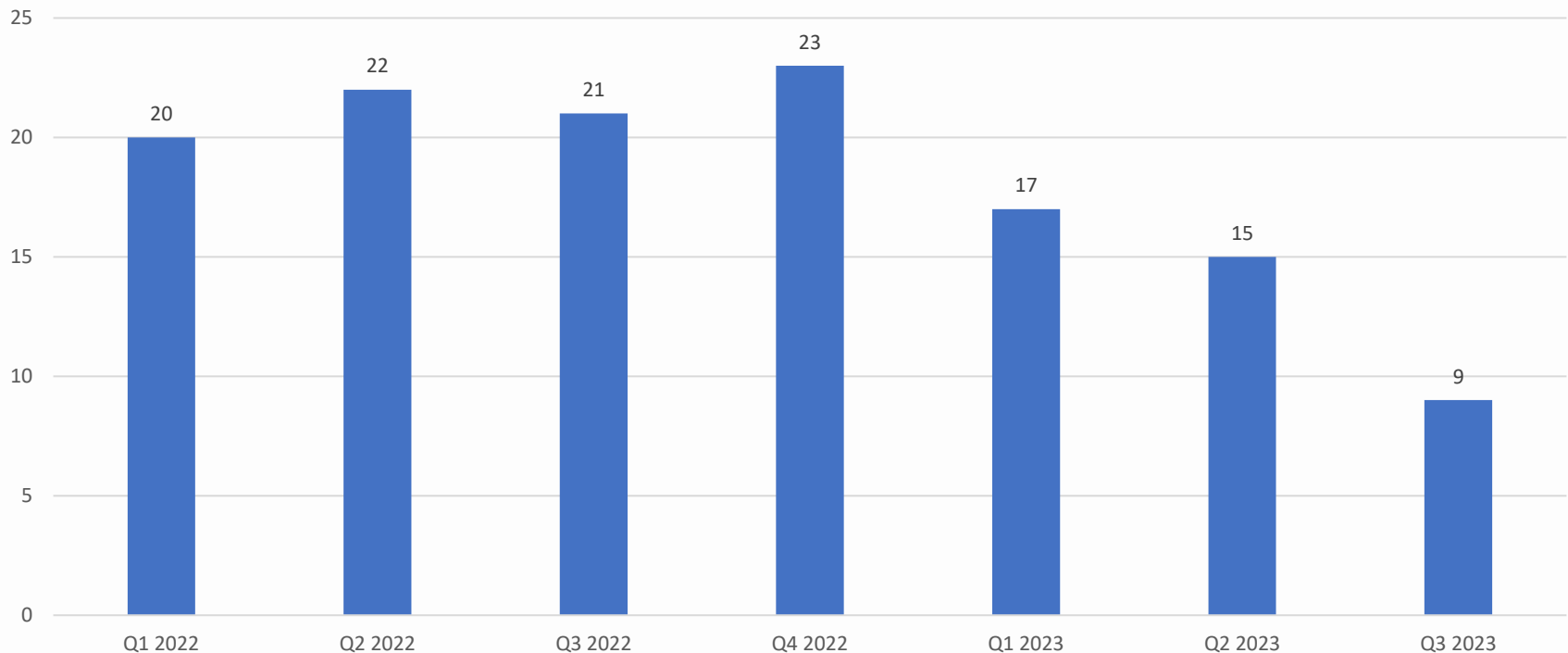
Cyanotoxins

- 2023: Microcystin detections in 2 raw water sources:
 - Lake Selmac
 - Columbia River
- No entry point detections since 2019
- Impact of wildfires in watersheds?
 - Also low precipitation years
 - Higher temperatures

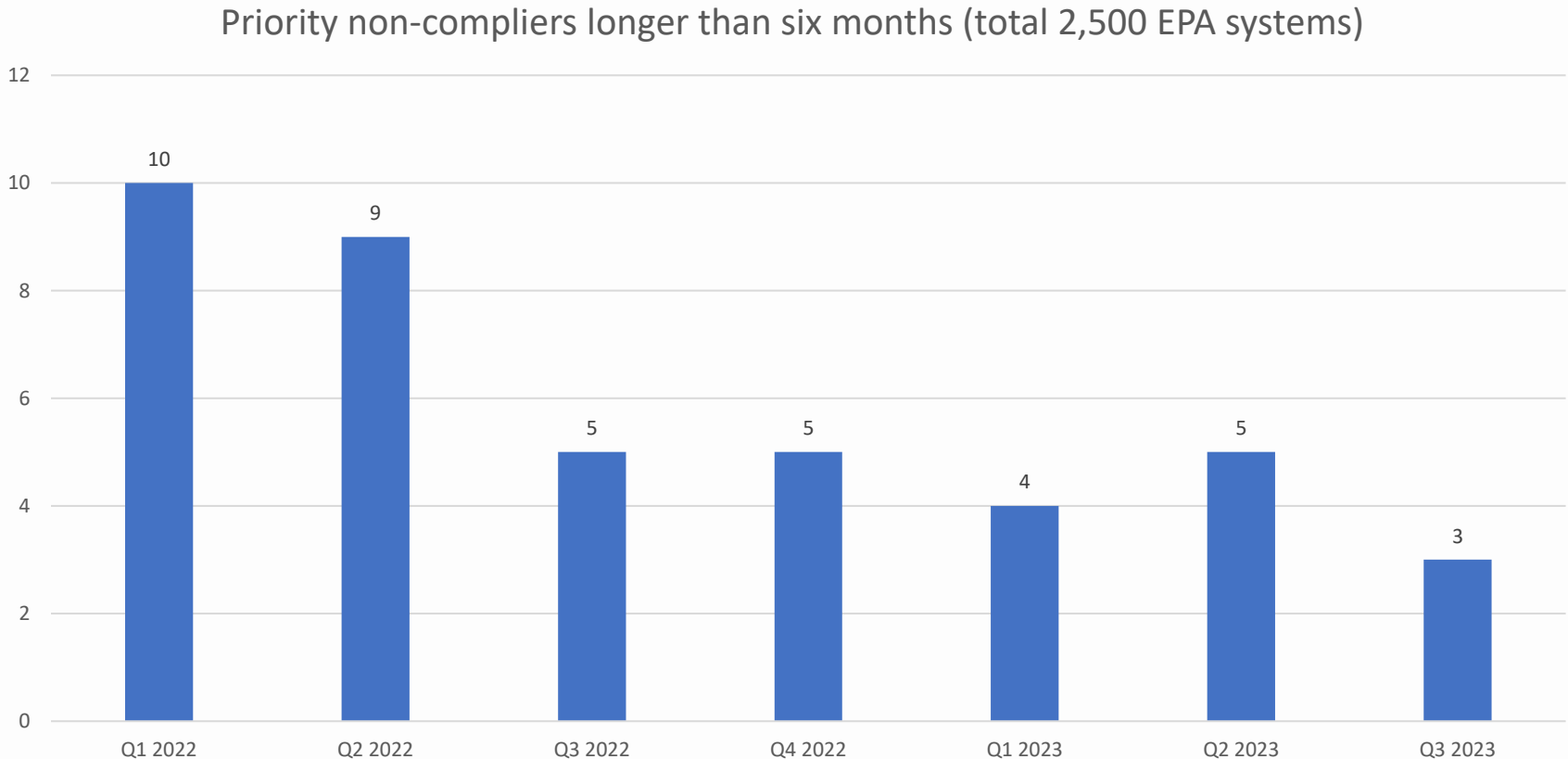


Program Performance Measures

Community water systems with one or more health-based violations (total 928)

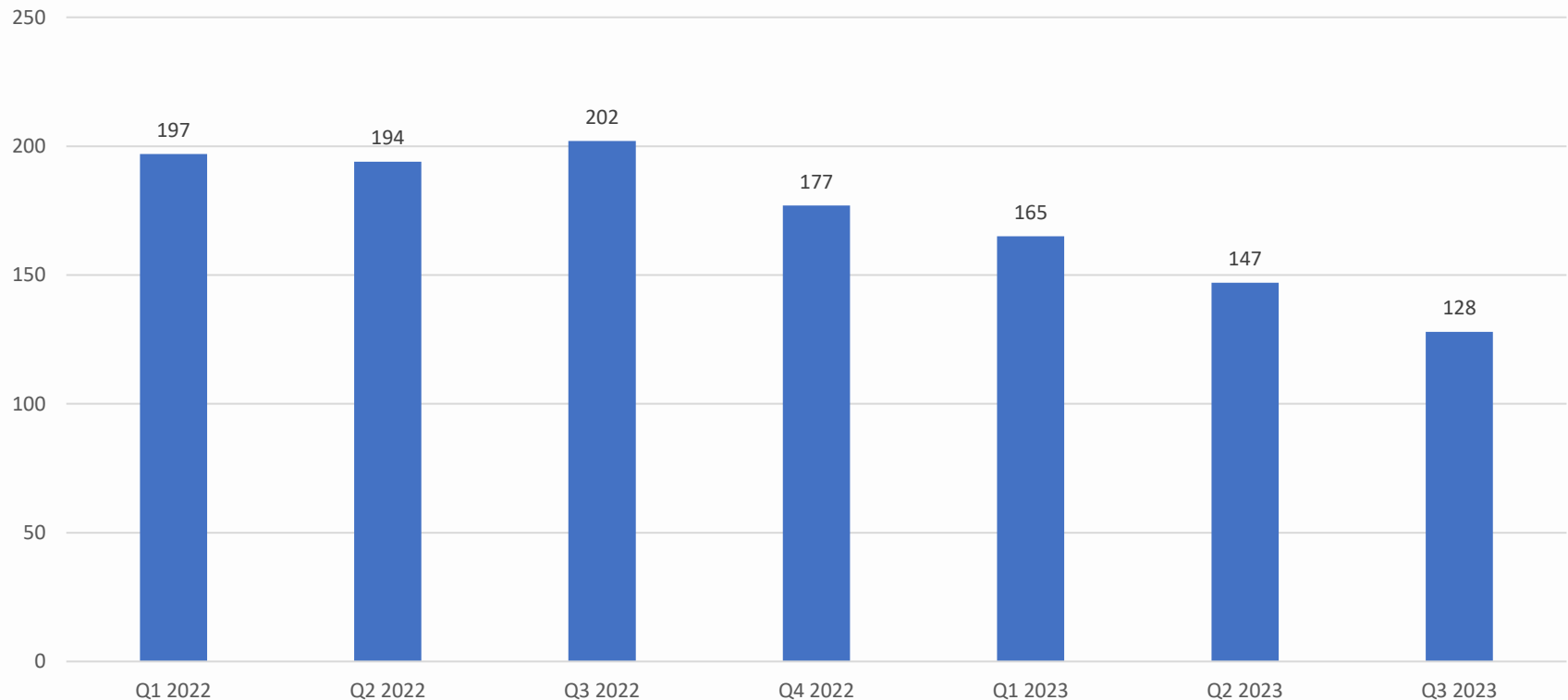


Program Performance Measures



Program Performance Measures

PNCs longer than six months (total 800 Oregon Very Small Systems)



Program strategies in 2024: Upstream approach



Source: Public Health Sudbury & Districts www.ghsd.ca

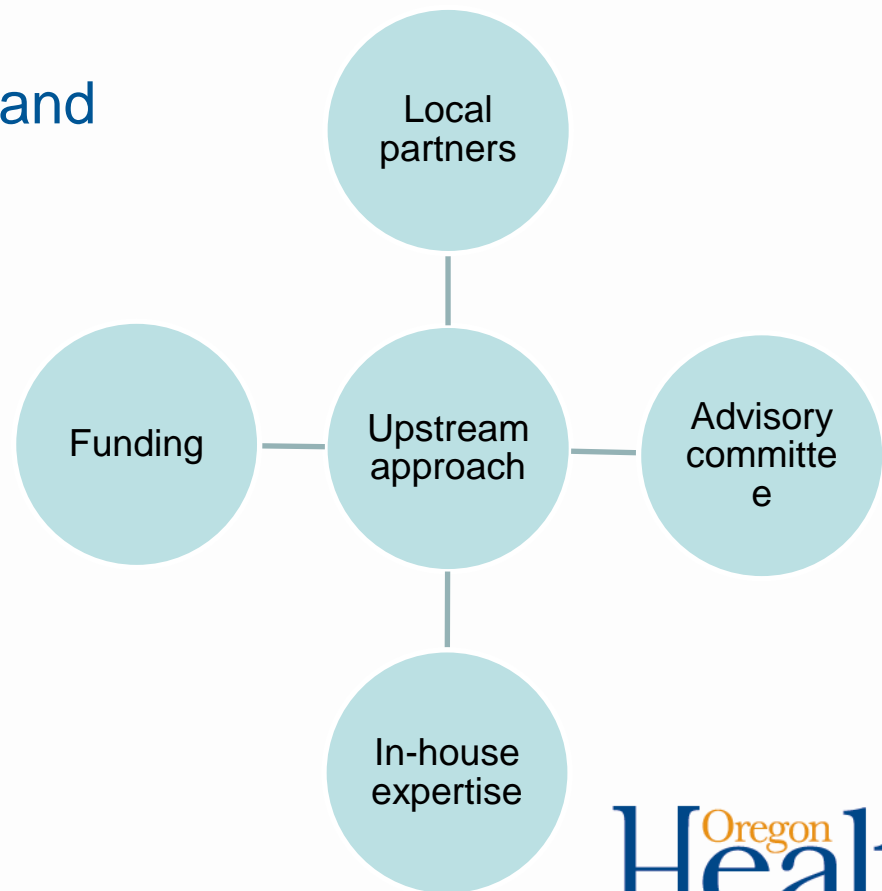
Video Link: <https://www.youtube.com/watch?v=qarQXqKbmLg>

PUBLIC HEALTH DIVISION
Drinking Water Services

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Program strategies in 2024: Upstream approach

- Capacity assessment of public water systems
 - Technical, managerial, and financial
- Source water protection
- Any others?



Acronyms used in slides

- LCRR: Lead and Copper Rule Revisions
- LCRI: Lead and Copper Rule Improvements
- PFAS: Per- and polyfluoroalkyl substances
- UCMR: Unregulated Contaminant Monitoring Rule
- MCL: Maximum Contaminant Level
- HAL: Health Advisory Level
- BIL-EC: Bipartisan Infrastructure Law-Emerging Contaminants
- BIL-LSLR: Bipartisan Infrastructure Law-Lead Service Line Replacement
- EC-SDC: Emerging Contaminants-Small/Disadvantaged Communities
- WIIN: Water Infrastructure Improvements for the Nation
- SUDC: Small, Underserved, and Disadvantaged Communities

Thank you!

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