

Tacoma Water Regulatory Update

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Updates Related to Two Drinking Water Regulations

- Final PFAS Rule
 - Lead and Copper Rule Service Line Inventory/Validation
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FINAL EPA PFAS Rule

- EPA announced final National Primary Drinking Water Regulation for PFAS on 4/10/2024
- Regulates six PFAS compounds, including PFOS and PFOA
- Compliance required by 2029

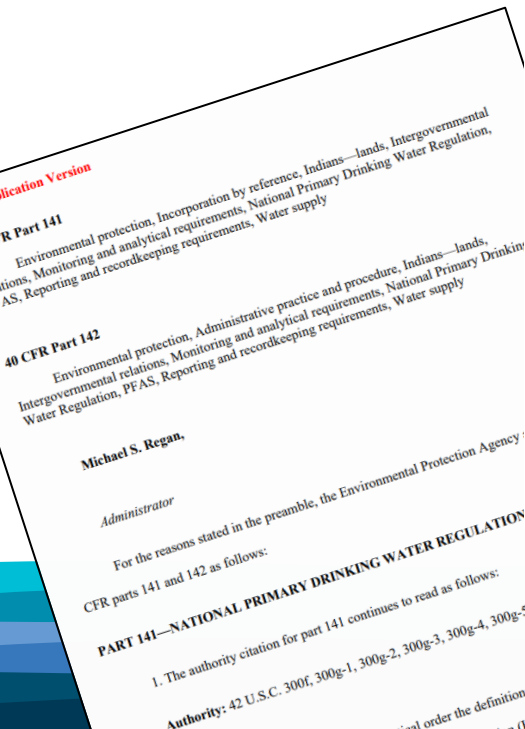
Per- and polyfluoryl alkyl substances

Two of the most common PFAS chemicals

Compound	Final MCLG	Final MCL (enforceable levels)
PFOA	Zero	4.0 parts per trillion (ppt) (also expressed as ng/L)
PFOS	Zero	4.0 ppt
PFHxS	10 ppt	10 ppt
PFNA	10 ppt	10 ppt
HFPO-DA (commonly known as GenX Chemicals)	10 ppt	10 ppt
Mixtures containing two or more of PFHxS, PFNA, HFPO-DA, and PFBS	1 (unitless) Hazard Index	1 (unitless) Hazard Index

MCL = Maximum Contaminant Level

MCLG = Maximum Contaminant Level Goal



Tacoma Water PFAS Sampling - 2023

- Lab analyzed 28 samples for 29 different PFAS chemicals
- Green River and North Fork Wells (in watershed) continue to have no detections for the regulated PFAS chemicals. In town, Deep Aquifer wells also have no detects.
- South Tacoma Wells had detections for one or more PFAS chemicals
 - Aside from wells taken out of service in 2018, all other representative well samples were below WA State Action Levels
 - Several key wells had samples just above new EPA limits



Next Steps

2024

- Final PFAS Rule Announced
- Kicked off PFAS planning project with engineering consultant
- Update Tacoma Water PFAS website

2025

- Board update with recommendations and policy discussion
- Complete PFAS management strategy and implementation plan
- Collect first compliance samples

2025 to 2029

- Initiate implementation plan
 - Design treatment and construct when needed
 - Modify operations as necessary

June 2029

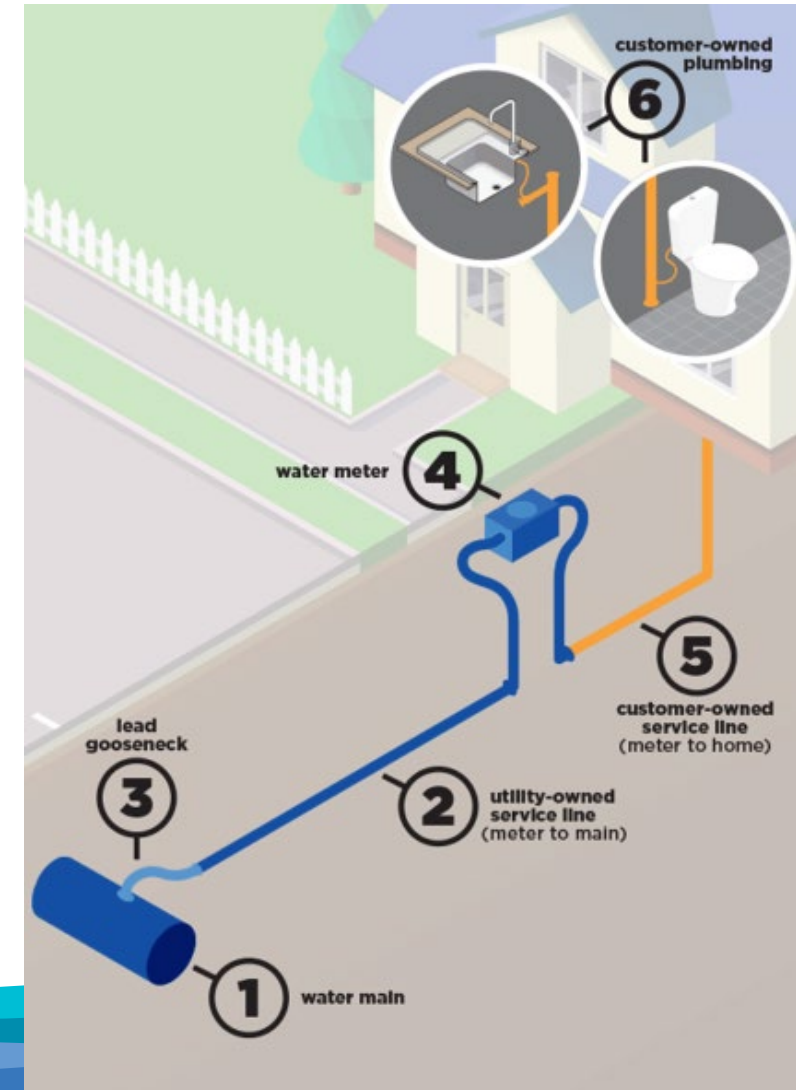
- MCLs become enforceable standards
- Must be in compliance with PFAS Rule

Lead and Copper Rule Service Line Inventory

- EPA Lead and Copper Rule Revisions requirement to prepare an inventory of service line materials by 10/16/2024
 - Requires water system to identify the material of BOTH the utility-owned and customer-owned sides of the water meter for all ≤ 2 -inch service lines installed before 1987
- Records review underway, but thousands of unknowns remain
- No evidence – recorded or anecdotal – of lead pipe ever being used for water lines in service area (except lead goosenecks)

MAP NO. 203/110	ADDRESS OF SERVICE 6828 A. ST.	ADDITION NE
CHANGE ADDRESS TO LINE ABOVE	BLOCK	LOT NUMBERS
DATE 3/15/09	LOCATION 3/4" SERVICE & 3/8" METER. WEST SIDE OF A. ST.	NAME AND ADDRESS FRANK A. HODGE Rt 3 Box 1405 A1
SIZE 3/4"	TYPE IN	LOCATED ST. 29 FT. E
DEPTH 6 ft.	DATE 7-12-60	TYPE D
INSTALLER D	RETIRED	DATE 25767
REMARKS FROM FIELD oil meter box	CONNECTED TO COST. PIPE yes	PIPE INSTALLED E Copper 10'
RETIRED	PIPE RETIRED	DATE
STREET REPAIRS 7-14-60-Rae	SIDEWALK REPAIRS	
METER	VARIANT	
INSTALLER	NO.	3088

CUSTOMER'S INSPECTION
*customer pipe is
 3/4" gal 30" deep*



Lead and Copper Rule Service Line Validation

In lieu of verifying every service line, Department of Health allows a statistical validation procedure to demonstrate a minimum 95 percent level of statistical confidence that all lines are non-lead

