We work with others to protect the health of the people of Washington State by ensuring safe and reliable drinking water.

PROPOSED LCR REVISIONS

Summary of Proposed LCR Changes

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Important Dates

- November 13, 2019—Published in Federal Register
  - Sixty-day comment period
- January 13, 2020—Comments due to EPA

Action Level vs. Trigger Level

**Action Levels**
- Lead 15 ug/L (ppb)
- Copper 1.3 mg/L (ppm)

**Lead Trigger Level**
- 10 ppb
- Additional monitoring and treatment requirements
Corrosion Control Treatment Requirements

CCT Installed: Re-optimize

No CCT:
Install treatment, regardless of subsequent P90

P90 >15 ppb

LSL Replacement: 3% per year

Collect standard number of lead samples every 6 months

Corrosion Control Treatment Requirements

CCT Installed: Re-optimize

No CCT:
Conduct corrosion control study (if required by state)

P90 >10 ppb & < 15 ppb

LSL Replacement: Agreed upon goal

Collect standard number of lead samples annually
**Corrosion Control Study**

Evaluate each following treatments using pipe rig/loops, partial systems test, or documented analogous treatment

<table>
<thead>
<tr>
<th>Alkalinity and pH adjustment</th>
<th>Orthophosphate maintaining 1 mg/L (PO₄⁻&lt;sub&gt;4&lt;/sub&gt;) in distribution</th>
<th>Orthophosphate maintaining 3 mg/L (PO₄⁻&lt;sub&gt;4&lt;/sub&gt;) in distribution</th>
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**Requires Lead Service Line Inventory**

- Full and Partial lead service lines
- Galvanized service lines connected or ever connected to lead gooseneck or other lead section of pipe
- Service lines of unknown material
Lead Service Line Replacement

- **If P90 > 15 μg/L**: Must fully replace 3 percent of LSLs per year for four consecutive six-month monitoring periods.

- **If P90 > 10 to 15 μg/L**: Implement an LSLR program with replacement goals in consultation with the Primacy Agency for two consecutive one-year monitoring periods.

Change in Sample Site Tiers

- **Tier 1**
  Single Family Structures serve by lead service line

- **Tier 2**
  Buildings (including multifamily structures) served by lead service line

- **Tier 3**
  Single Family Structures that contain copper pipe with lead solder
Lead Monitoring Schedule

- **P90 > 15 ppb**
  - every six months at standard number of sites

- **P90 >10 &<15**
  - annually at standard number of sites

- **P90 < 10 ppb**
  - annual or triennial at reduced number of sites

Find and Fix

- **Lead sample >15 ppb**
  - Notify homeowner within 24 hours
  - Collect WQPs within ½ mile
  - Collect addition lead tap sample in home
  - Determine cause and submit report
School and Daycare Sampling

- Requires systems to test drinking water in 20 percent of schools and 20 percent of childcare centers annually in their service areas in accordance with EPA’s 3Ts
- Report results to schools and ODW
- Information on how to reduce lead exposure

More Public Outreach

- Regular outreach to homeowners with lead service lines or unknown service line
- Lead ALE – requires Public Notification within 24 hours
- Individual Sample > 15 ppb - requires notice to homeowner within 24 hours
More Information about the Proposed Rule

epa.gov/ground-water-and-drinking-water/proposed-revisions-lead-and-copper-rule

Remember

Comments need to be submitted to EPA by January 13, 2020
How do I submit Comments

[Link to Submission Information]

Contact Information

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