



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

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Action Level vs. Trigger Level

Action Levels

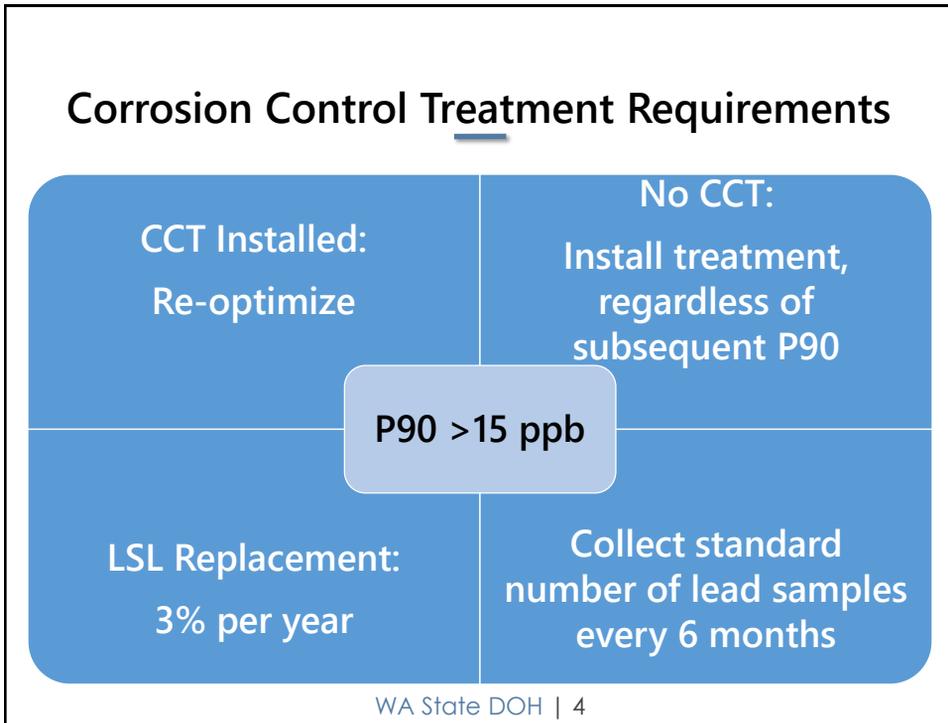
- Lead 15 ug/L (ppb)
- Copper 1.3 mg/L (ppm)

Lead Trigger Level

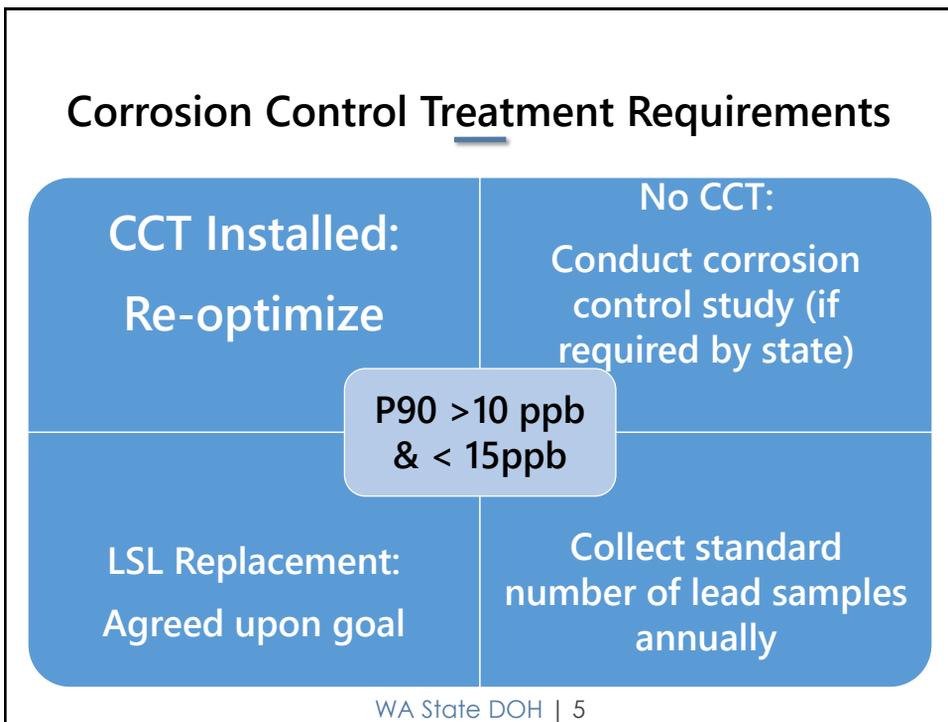
- 10 ppb
- Additional monitoring and treatment requirements

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Corrosion Control Treatment Requirements



Corrosion Control Treatment Requirements



Corrosion Control Study

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

Alkalinity and
pH adjustment

Orthophosphate
maintaining 1
mg/L (PO_4) in
distribution

Orthophosphate
maintaining 3
mg/L (PO_4) in
distribution

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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

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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.

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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

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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

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Find and Fix



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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

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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



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More Information about the Proposed Rule

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

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Remember

**Comments need to be submitted to EPA by
January 13, 2020**

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How do I submit Comments

[federalregister.gov/documents/2019/11/13/2019-22705/national-primary-drinking-water-regulations-proposed-lead-and-copper-rule-revisions](https://www.federalregister.gov/documents/2019/11/13/2019-22705/national-primary-drinking-water-regulations-proposed-lead-and-copper-rule-revisions)

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