

LEAD ACTION LEVEL AND TRIGGER LEVEL EXCEEDANCES

Below are the current* requirements when the lead action level (ALE: Action Level Exceedance) or trigger level (TLE: Trigger Level Exceedance) is exceeded at an individual tap sample or the 90th Percentile calculation.

*These requirements are part of the Lead and Copper Rule Revisions (LCRR) effective as of October 16, 2024.

90TH PERCENTILE BELOW TRIGGER LEVEL AND ACTION LEVEL BUT INDIVIDUAL SAMPLE SITE(S) EXCEEDS

TRIGGER LEVEL (10 μ g/L)

Provide the sample results to the resident(s) within 30 days of receiving the results.



ACTION LEVEL (15 μ g/L)

Conduct "Find-and-Fix" Procedure as follows:

1. Within 3 days of receiving results: Provide notification to the resident(s) served by the site with the ALE.
2. Within 5 days of receiving the results: Collect a water quality parameter (WQP) sample at a site that is on the same sized water main, in the same pressure zone, and is located within a 0.5 mile of the sampling site with the ALE.
3. Collect a follow-up sample within 30 days at the exceedance site.
4. Evaluate results and submit to IEPA within 6 months after the end of the tap sampling period.
5. IEPA will issue a Special Exception Permit (SEP) within 6 months after CWS completes Step 4.

90TH PERCENTILE EXCEEDANCE

TRIGGER LEVEL (10 μ g/L)

1. Provide notification to all customers served by lead, galvanized requiring replacement, or unknown services.
2. Initiate a goal-based lead service line replacement program.
3. Assess optimal corrosion control treatment (OCCT) and send a recommendation for CCT (requirements vary depending on the size of the system).

ACTION LEVEL (15 μ g/L)

1. Provide a Tier 1 public notification to all bill paying customers within 24 hours of system being notified of the ALE by the IEPA.
2. Begin mandatory LSLR at a minimum of 3% of LSLs within system per year. If required by other regulations to replace at a higher level, then continue at that rate.
3. Sample tap water of any customer who requests a sample.
4. Install OCCT or re-optimize existing CCT (requirements vary depending on the system size).

UPCOMING REGULATORY CHANGES:

The Lead and Copper Rule Improvements (LCRI) are scheduled to go into effect in November 2027. In addition to other changes, the LCRI rule will remove the lead trigger level and lower the lead action level to 10 μ g/L. Lead ALE actions will include optimizing CCT, public education campaigns, and issuing a Tier 1 public notice within 24 hours after the system learns of the exceedance.



Link to EEI
Lead & Copper Rule
Resources Webpage

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