

LEAD AND COPPER SAMPLING UNDER LCRR

All water systems will be required to submit an updated LCRR Sample Site Plan by the end of 2024. IEPA guidance will be provided in October 2024.

All systems with lead or galvanized service lines requiring replacement will be switched to six-month monitoring starting January 1st, 2025.

UPDATED TIER GROUPS

- Tier 1 = Single-family structures served by a LSL
- Tier 2 = Multiple-family structures served by a LSL
- Tier 3 = Single-family structures with a GRR*
- Tier 4 = Single-family structures with interior copper plumbing with lead solder
- Tier 5 = Single- or multi-family structures that are representative of sites throughout the distribution system

All sample sites must be Tier 1. If there are an insufficient number of Tier 1 sites, then Tier 2 sites are used, then Tier 3, Tier 4, and Tier 5.

MONITORING FREQUENCY

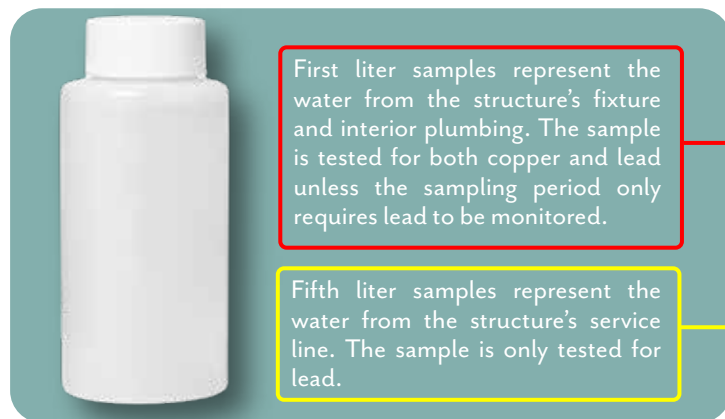
All systems with LSLs start with **Standard monitoring** (every 6 months).

To qualify for **Reduced monitoring**, a system must meet one of the following criteria for two consecutive 6-month monitoring periods:

- Systems with 90th percentile sample results calculated between 10-15 ppb will qualify for **annual sampling**
- Systems with 90th percentile sample results calculated below 10 ppb will qualify for **triennial sampling**

SAMPLING PROCEDURES

- Wide mouth bottles
- First liter sampling at all sites
- Fifth liter sampling at LSLs
- Minimum 6-hour stagnation period (no change from LCR)

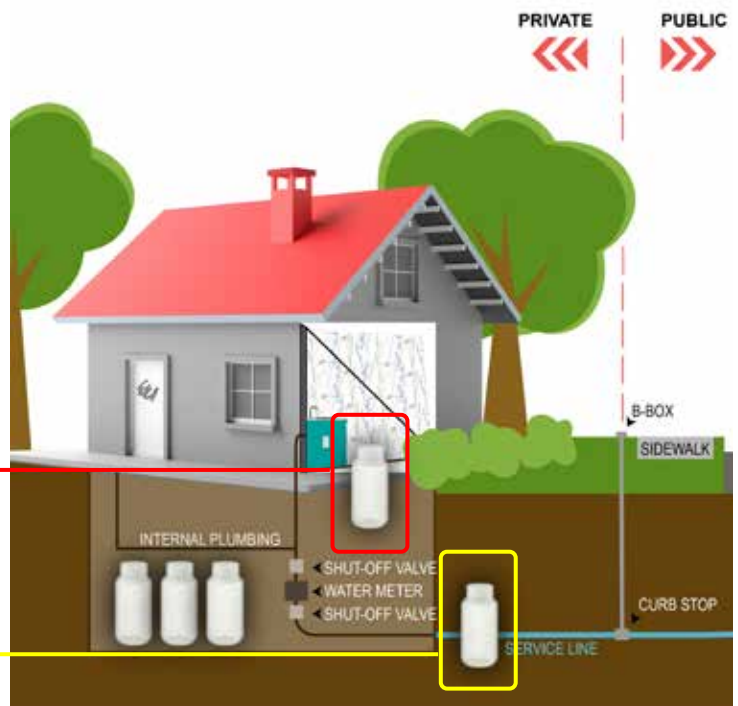


SCHOOLS AND CHILDCARE FACILITIES

- CWS must conduct sampling at 20% of elementary schools and childcare facilities per year
- CWS must conduct sampling at secondary schools on request during the first testing cycle (5 years)
- Sample results and public education must be provided to each sampled school/childcare facility

FIND-AND-FIX

The CWS shall conduct the Find-and-Fix steps when a tap sample site exceeds the lead action level. These steps include conducting water quality parameter monitoring at or near the site, conducting a follow up tap sample, and performing any needed corrective action. The CWS should document any customer refusal or non-response and provide information to local and State health officials.



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Link to EEI
Lead & Copper Rule
Resources Webpage

For more information, please contact
Kristen Meehan
at kmeehan@eeiweb.com
or (630) 466-6787



Engineering Enterprises, Inc.
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Sugar Grove/Main Office | 52 Wheeler Road, Sugar Grove, IL 60554
Rockford/Branch Office | 124 North Water Street, Suite 306, Rockford, IL 61107
Itasca/Branch Office | 555 Pierce Road, Suite 105, Itasca, IL 60143
(630) 466-6700