

Lead and Copper Rule: Preparing to Comply with Revisions and Improvements

The changes to the requirements for lead in drinking water will provide public health benefits but will also have far reaching implications for water systems. Planning today will help you navigate these changes. Learn about the key elements of the Lead & Copper Rule Revisions (LCRR), Lead & Copper Rule Improvements (LCRI), what you should do now, and how Kleinfelder can help.



What You Should Know about the Lead & Copper Rule Revisions and Improvements

- The LCRR replaces the previous Lead & Copper Rule first promulgated in 1991, and took effect on 12/16/21 with initial compliance deadlines on 10/16/24.
- On December 6, 2023, EPA proposed the Lead and Copper Rule Improvements rulemaking, which will replace the LCRR.
- EPA's LCRI proposes to require all water systems to replace all of their LSLs within 10 years regardless of compliance with the proposed lower Action Level (AL) of 10 ppb.
- EPA intends to finalize the LCRI prior to October 16, 2024.
- Sampling procedures and compliance calculations have been revised, making exceedances of the AL more likely, triggering treatment actions.
- The LCRR significantly increases customer notifications and public education and outreach responsibilities.
- Water systems have the following new requirements:
 - Sample at school and childcare facilities.
 - Develop and publish a service line inventory of both public and private lines which must include:
 - Lead Service Lines (LSLs)
 - Service lines of unknown material
 - Galvanized lines requiring replacement
 - Non-lead service lines
 - Develop an LSL Replacement Plan:
 - Plan to replace both utility and customer-owned portion of LSLs
 - Strategies for funding and prioritization of replacements, customer communications, and resolution of unknowns
 - Plan to replace public LSL portion within 45 days of private side replacement and provide pitcher filter and cartridges for 6 months

What You Should Do Now

- Prepare for the October 2024 LCRR compliance deadline.
- Review LCRR and proposed LCRI requirements.
- Establish planning, operational, and financial strategy goals.
- Identify internal/external human resources dedicated to LCRR/LCRI compliance.
- Determine service line inventory data gaps and initiate the development of an LSL inventory.
- Budget for LCRR compliance and solicit grant opportunities.
- Establish or strengthen communications with school and childcare facilities.
- Develop a customer/community LCRR outreach program.

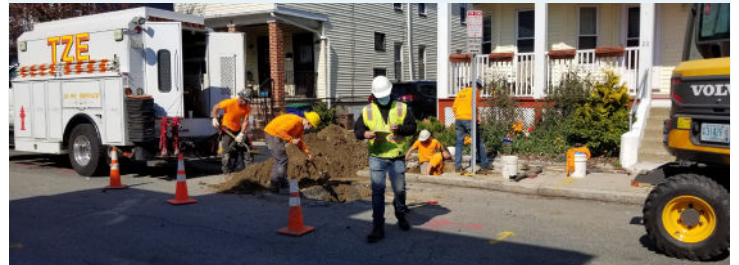


How Kleinfelder Can Help

- Provide a team of LCR experts to help you develop an LCRR/LCRI compliance plan.
- Assist you with budget planning, and grant/loan applications.
- Provide GIS inventory and data management support.
- Develop/reoptimize OCCT and assist in discussions with federal and state regulators.
- Develop a customer/community outreach and communications plan.
- Design and administer an LSL inventory and replacement program.
- Customize a “best fit” partnering solution.
- Develop monitoring programs for compliance Testing and School/Childcare facilities.

Project Highlight: City of Somerville, MA LSL Replacement Program

In 2016, the City of Somerville turned to Kleinfelder for help with its Lead Service Replacement Program. Kleinfelder developed a phased and prioritized, multi-year replacement program and provided funding application support. Ongoing services include bid documents and construction support as well as developing public outreach and notification materials to educate, encourage participation, and facilitate service replacement coordination with its residents.



Meet Our Team



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Kleinfelder is fully prepared to assist our clients in complying with LCRR/LCRI requirements as they work proactively to be responsive to EPA's goals of better protecting children, removing the lead from our Nation's drinking water, and empowering communities through information.

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