



Lead and Copper Rule Revisions Requirements

The City of Newport Beach (City), water system number CA3010023, has completed its initial lead service line inventory required by U.S. EPA's Lead and Copper Rule Revisions. The deadline for the water service line inventory verifications is October 16, 2024.

After reviewing historical records and completing field investigations, the City has determined there is no lead or galvanized requiring replacement of any service lines in its distribution system. This includes any privately-owned or customer-owned service lines.

The City reviewed all applicable sources of information, including;

- All construction and plumbing codes, permits, and existing records or other documentation which indicates service line materials.
- All water system records, including distribution system maps and drawings, historical records on each service connection, meter installation records, historical capital improvement or master plans, and standard operating procedures.
- All inspections and records of the distribution system that indicate service line material, including inspections conducted during the course of normal operations (e.g., checking service line materials when reading water meters or performing maintenance activities); and
- When all previous service line or meter replacements were conducted.

In addition to reviewing the above sources of information, the City used an alternative method to develop the inventory that was approved by the State Water Resources Control Board Division of Drinking Water (DDW) on a case-by-case basis.

The City used stratified random sampling to develop the initial inventory. Stratified random sampling involves physically verifying a subset of randomly selected service lines in the distribution system. That subset is stratified or divided into groups based on certain characteristics (e.g., years the service lines were installed). Stratification allows for a sample or subset of service lines to be more representative of the service lines in the distribution system.

After investigating the subset of service lines, if no lead or galvanized service lines requiring replacement are discovered, the remaining service lines may be assumed non-lead with a certain level of confidence. The City verified 1,381 service lines, and those service lines were verified non-lead. No lead or galvanized service lines were identified. DDW recommends that all systems document any new material information for inventory updates during normal operations.

The City will continue to document service line material information obtained from normal operations, such as service line maintenance or water meter readings, after October 2024, and will update the inventory accordingly.