

Lakeside Water District Lead Service Line Inventory

October 2024

Lakeside Water District completed its initial lead service line inventory required by U.S. EPA's Lead and Copper Rule Revisions. The deadline for the initial inventories was October 16, 2024.

Through completing a historical records review and field investigations, **Lakeside Water has determined the District has no lead or galvanized requiring replacement service lines in its distribution system.** Additionally, we have not identified any lead in our customer's private water service lines.

Lakeside Water District reviewed the following sources of information, including:

- All construction and plumbing codes, permits, and existing records or other documentation which indicates the service line materials. Including: all water system records, including distribution system maps and drawings, historical records on each service connection, record drawings, 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
- District staff field verified a randomly selected number of services. This included physical verification of service line material on both the utility side and the customer side of the meter.

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

Lakeside Water used stratified random sampling to develop the initial inventory. Stratified (or Interpolation) 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 requiring replacement service lines are discovered, the remaining service lines may be assumed, interpolated, non-lead with a certain level of confidence. Lakeside Water visited over 400 service line locations, and the service lines were verified non-lead with the material found to be either copper or plastic on the utility side of the meter and copper, plastic or galvanized on the customer side of the meter. No lead or galvanized requiring replacement service lines were identified. The earliest of Lakeside's water system was installed in the early 1920's, at a time when very little to no lead was used on private property. Additionally, lead was not a commonly used pipe material in San Diego County during significant development periods.

Lakeside Water continues 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 initial inventory accordingly.

Lakeside Water District's drinking water continues to meet and/or exceed water quality standards.