

DEPARTMENT OF WATER

COUNTY OF KAUAI

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JOSEPH E. TAIT
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DEPUTY MANAGER-ENGINEER

Dear Customer:

The County of Kauai Department of Water (KDOW) recently completed an inventory of the water service line materials for its water systems around the island. The inventory was conducted to comply with the U.S. Environmental Protection Agency (EPA) Lead and Copper Rule Revisions to improve the water quality of the nation's water systems. KDOW continues to meet all Federal and State drinking water quality standards and the Department remains committed to fulfilling our mission "to provide safe, affordable, sufficient drinking water through wise management of our resources and with excellent customer service for the people of Kauai."

The development and completion of the inventory confirmed that, based on our statistical model, KDOW's distribution systems have no lead service lines or galvanized requiring replacement service lines. Methods used to collect data for the inventory included review of service line and building construction dates, and KDOW geographical information system (GIS) data, followed by physical inspections of a statistically significant, randomly selected subset of service lines whose material was still unknown after the desktop review of the data. Approximately 1,120 successful service line inspections were conducted by KDOW and contractor field crews from January 2024 through July 2024. Based on our approach, which was approved by the State of Hawaii Department of Health, Safe Drinking Water Branch, all unknown service lines that have yet to be confirmed by physical inspections are presumably non-lead service lines based on our statistical model. KDOW will conduct a future validation of our statistical model to ensure that all non-lead service lines are categorized correctly. KDOW appreciates the public's assistance with this project.

Ongoing work related to the Lead and Copper Rule Revisions compliance will include tap sampling at homes, schools, and businesses in accordance with regulatory guidelines to monitor water quality. Selected customers will receive notices in advance of tap sampling. There is no cost to participate in the tap sampling.

For more information, including inventory data for your water service line, please contact KDOW at lcrr@kauaiwater.org or (808) 245-5418.


Joseph E. Tait (Oct 16, 2024 09:55 HST)

Joseph E. Tait
Manager and Chief Engineer

Attachment: 40 CFR 141.84(a)(8)(i)

[eCFR :: 40 CFR 141.84 -- Lead service line replacement requirements.](#)

(8) The service line materials inventory must be publicly accessible.

(i) The inventory must include a location identifier, such as a street address, block, intersection, or landmark, associated with each lead service line and galvanized requiring replacement service line. Water systems may, but are not required to, include a locational identifier for lead status unknown service lines or list the exact address of each service line.

(ii) Water systems serving greater than 50,000 persons must make the publicly accessible inventory available online.

(9) When a water system has no lead, galvanized requiring replacement, or lead status unknown service lines (regardless of ownership) in its inventory, it may comply with the requirements in [paragraph \(a\)\(8\)](#) of this section using a written statement, in lieu of the inventory, declaring that the distribution system has no lead service lines or galvanized requiring replacement service lines. The statement must include a general description of all applicable sources described in [paragraphs \(a\)\(3\), \(5\), and \(6\)](#) of this section used to make this determination.

(10) Instructions to access the service line inventory (including inventories consisting only of a statement in accordance with [paragraph \(a\)\(9\)](#) of this section) must be included in Consumer Confidence Report in accordance with [§ 141.153\(d\)\(4\)\(xi\)](#).