

NOTICE OF UNKNOWN SERVICE LINE MATERIAL

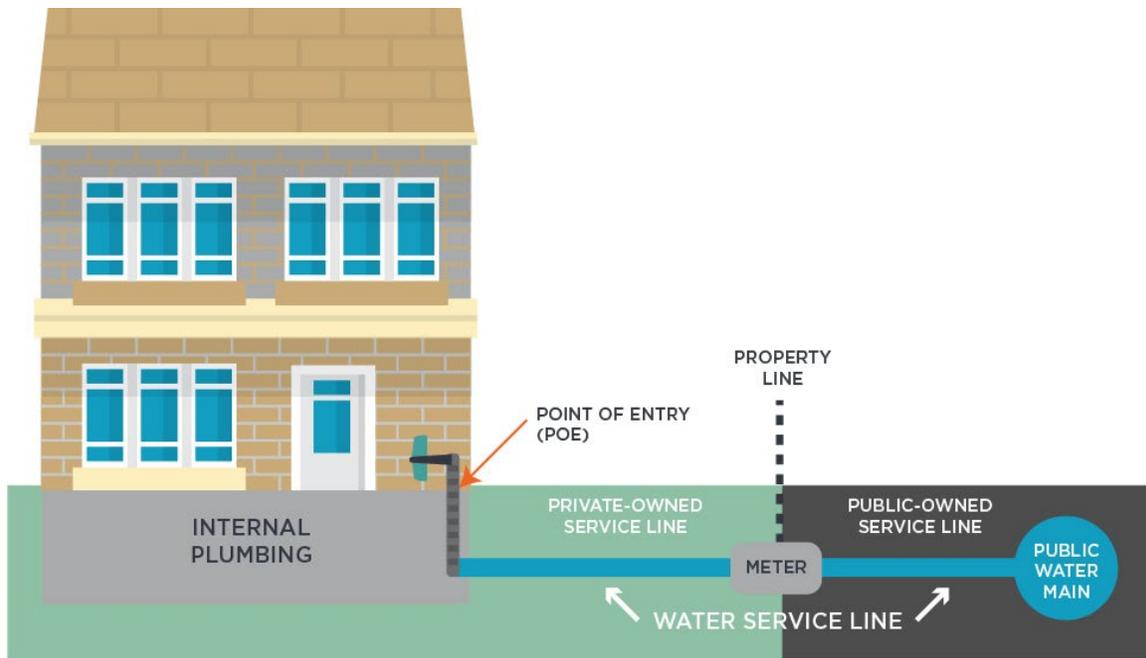
Isle of Palms Water and Sewer Commission is focused on protecting the health of every household in our community. This notice contains important information about your drinking water. Please share this information with anyone who drinks and/or cooks using water at this property. In addition to people directly served at this property, this can include people in apartments, nursing homes, schools, businesses, as well as parents served by childcare at this property.

Isle of Palms Water and Sewer Commission is working to identify service line materials throughout the water system and has determined that the water pipe (called a service line) that connects your property to the water main is made from **unknown material** but may be lead. Because your service line material is unknown, there is the potential that some or all of the service line could be made of lead or galvanized pipe that was previously connected to lead. People living in homes with a lead or galvanized pipe previously connected to a lead service line have an increased risk of exposure to lead from their drinking water.

How does lead get into drinking water?

There is no lead in the Isle of Palms Water & Sewer Commission's water source, the Charleston Aquifer, or in its drinking water when it leaves the treatment facility and travels through our miles of lead-free pipes. Lead enters drinking water primarily due to the corrosion, or wearing away, of materials containing lead in customer-owned water service lines and household plumbing. Typical materials that contain lead include solder, brass plumbing fixtures, chrome-plated brass faucets, pipes, and pipe fittings. The Safe Drinking Water Act of 1986 banned the use of lead solder containing more than 0.2 percent lead and restricted the lead content in plumbing materials to eight percent. Homes built before 1986 are more likely to have lead solder, pipes, and fixtures.

Please refer to the below graphic to understand pipe ownership and responsibilities.



IDENTIFYING SERVICE LINE MATERIAL

To help determine the material of your service line, EPA has developed an online step-by-step guide to help people identify lead pipes in their homes called Protect Your Tap: A Quick Check for Lead. It is available at: <https://www.epa.gov/ground-water-and-drinking-water/protect-your-tap-quick-check-lead> or use this [online tool](#) created by National Public Radio to determine if you have a lead service line.

HEALTH EFFECTS OF LEAD

Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or worsen existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these negative health effects. Adults can have increased risks of heart disease, high blood pressure, and kidney, or nervous system problems.

STEPS YOU CAN TAKE TO REDUCE LEAD IN DRINKING WATER

Below are recommended actions that you may take, separately or in combination, if you are concerned about lead in your drinking water. The list also includes where you may find more information and is not intended to be a complete list or to imply that all actions equally reduce lead in drinking water.

Use filters properly. Using a filter can reduce lead in drinking water. If you use a filter, it should be certified to remove lead. Read any directions provided with the filter to learn how

to properly install, maintain, and use your cartridge and when to replace it. Using the cartridge after it has expired can make it less effective at removing lead. Do not run hot water through the filter. For more information on facts and advice on home water filtration systems, see EPA's <https://www.epa.gov/water-research/consumer-tool-identifying-point-use-and-pitcher-filters-certified-reduce-lead>.

Clean your aerator. Regularly clean your faucet's screen (also known as an aerator). Sediment, debris, and lead particles can collect in your aerator. If lead particles are caught in the aerator, lead can get into your water.

Use cold water. Do not use hot water from the tap for drinking, cooking, or making baby formula as lead dissolves more easily into hot water. Boiling water does not remove lead from water.

Run your water. The more time water has been sitting in pipes providing water to your home, the more lead it may contain. Before drinking, flush your home's pipes by running the tap, taking a shower, doing laundry, or doing a load of dishes. The amount of time to run the water will depend on whether your home has a lead service line or not, as well as the length and diameter of the service line and the amount of plumbing in your home. [Include tailored flushing information, if appropriate, or add following language] Residents may contact us at [phone number and/or email address] for recommendations about flushing times in their community.

Learn what your service line material is. Contact us at [phone number and/or email address] or a licensed plumber to determine if the pipe that connects your home to the water main (called a service line) is made from lead, galvanized, or other materials. [For systems replacing lead service lines consider the following text.] To find out about what we are doing to replace lead service lines, please visit [website] or contact us at [phone number and/or email address]. [Protect Your Tap: A quick check for lead](#) is EPA's on-line step by step guide to learn how to find lead pipes in your home.

Learn about construction in your neighborhood. Contact us at [phone number and/or email address] to find out about any construction or maintenance work that could disturb your service line. Construction may cause more lead to be released from a lead service line or galvanized service line if present.

Have your water tested. Contact us, your water utility, at **843-886-6148** to learn more about the lead levels in your drinking water. You may contact a certified laboratory to have your water tested for lead. A list of certified laboratories is available at www.iopwsc.com. The Isle of Palms Water & Sewer Commission does not do sampling. Note, a water sample may not adequately capture or represent all sources of lead that may be present. For information on sources of lead that include service lines and interior plumbing, please visit <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water#getinto>.