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HB&TS Utility takes pride in providing a safe and reliable water source to residents across its service territory in Williamson County. The District regularly takes representative samples throughout the service area to ensure that all water quality standards are met.

During the most recent sampling for lead and copper, samples taken from customer's plumbing detected levels of lead in excess of the maximum contaminant levels.

The MCLG, or maximum contaminant level goal for lead is 0 mg/L. It is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. The action level for lead is 0.015 mg/L. It is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

It is important to note that HB&TS Utility District does not have any lead service lines or other appurtenances within the water system. These results are indicative of lead being present in the plumbing of the residences sampled.

When present in drinking water, lead can be unhealthy and cause serious health problems, especially for pregnant people and young children. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

You can reduce exposure to lead in drinking water by the following:

- Run the cold water 15 to 30 seconds to flush out the water in the faucet and home plumbing. This is the source of lead in almost all drinking water from a home tap.
- Drink and cook with cold water only, especially do not use hot water for preparing baby formula.

Please note that boiling water does not reduce lead levels.

For more information please contact HB&TS Utility District at 615-794-7796.

Update: For all sites where levels were elevated, a second round of sampling was conducted, in which no detections of lead were found.