

Lead and Copper Sampling Results: 2022

MCMA successfully passed the most recent round of regulatory testing for lead and copper at the customer’s tap.

The sampling results are required by the Environmental Protection Agency’s (EPA) Lead And Copper Rule. This rule requires MCMA to sample water from the taps in homes every three years. Ninety percent of the sampled homes must have lead levels under the action level of 0.015 mg/L and copper levels under the action level of 1.3 mg/L.

Number and Percentage of Homes Tested (6 period testing history)	2022	2019	2018**	2016	2013	2010	2007
Homes Tested*	34	37	64	31	32	30	34
Homes with lead levels below the action level of 0.015 mg/L	34	37	64	31	32	30	34
Homes with lead levels above the action level of 0.015 mg/L	0	0	0	0	0	0	0
Homes with copper levels below the action level of 1.3 mg/L	34	37	64	31	32	30	34
Homes with copper levels above the action level of 1.3 mg/L	0	0	0	0	0	0	0

*According to the Lead and Copper Rule, MCMA was required to test in 30 homes from 2007 to 2022. MCMA tested for lead in more homes than required under the Lead and Copper Rule.

**A Corrosion control chemical change required additional testing by PA Department of Environmental Protection.

<p>Limiting your family’s exposure to lead: Learn more about the dangers of lead, where lead is commonly found, and recommendations for keeping your home safe. www.mifflincountyh2o.com/water-quality</p>	<p>Why do you sample water for lead in homes instead of at the water treatment plant? When lead is found in drinking water, it comes from plumbing materials, not from the source water supplies or from MCMA water distribution mains. That is why guidelines, set by the U.S. Environmental Protection Agency under the Lead and Copper rule, require water utilities to collect samples of water from homes throughout the entire water system.</p>	<p>What do the results tell us? Tests done at customer-owned taps consistently show that MCMA’s corrosion control treatment is working. The Lead and Copper Rule has required approved corrosion control additives since the 1990’s. Before water leaves the treatment plant, MCMA adds zinc orthophosphate. When the water reaches homes with lead plumbing, the zinc orthophosphate coats pipes, making it less likely that the lead will get into the water. When the samples are tested, it assures MCMA that the treatment process is doing its job.</p>
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