



Remediation Plan Recommendations

For test points at or above 5 pbb lead content, per §160.077, secure water and discontinue use until remediated unless testing proves that flushing will provide water below 5ppb.

Outlets listed on the below table that are highlighted in yellow tested above 5ppb on the initial test.

Outlets highlighted in **green** all passed flush testing. This indicates that the faucets need to be replaced or removed from service. Until remediation can be completed, the EPA allows for the practice of flushing the fixtures at the beginning of the day for 3-5 minutes prior to use for outlets that pass flush testing. These outlets must have signage "Flush 3-5 minutes per day prior to use". This allows for continued use until remediated but is not acceptable as a stand-alone remediation.

Some options for remediation include permanent signage stating that the outlet is "Non-Potable For Hand Washing Only", removal or replacement of the unit, or installation of point of use filtration (PUR, Brita, and Aquasana) are some examples they just need to have lead reducing filters, usually NSF/ANSI standard 42/53 filters as recommended by the EPA-NOTE- this method was shown to significantly reduce the lead levels in Flint Mi.

Those sinks that have aerators should be checked to ascertain if the aerators are dirty, have scale build up, calcification or other blockages that could be trapping contaminants. If any are noted, then it may be worthwhile to clean or replace the aerators and retest after a thorough flush.

The most common cause for faucets failing testing is corrosion and/or clogged aerators. Corrosivity is a function of low pH, low alkalinity, higher temperatures, and high specific conductivity. Additionally, older faucets may have been manufactured before the lead/copper rule as explained in 40 CFR subpart 141.

If you desire further health information, you can contact your county health department:

Grundy County Health Department

www.grundycountyhealth.org 1716 Lincoln St, Trenton, MO 64683 (660) 359-4196

Recommendations: SEE BELOW ND=None Detected on 30 second flush samples

Initial	Flush	Location	Remediation Recommendation
5.93	ND	GYM GIRLS REST ROOM FAUCET ON RIGHT	(1) Replace Faucet or, (2) Replace aerator and retest or, (3) place "hand washing only sign
7.58	ND	KITCHEN SCULLERY SPRAYER	(1) Replace sprayer with lead free model that meets the requirements of the safe drinking water act. (available at Grainger).