**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.

The 4 points listed below all indicated greater than 5parts per billion during the initial draw sampling phase. All were re-tested using the flush test method, test points highlighted in green passed flush testing which indicates that supply lines are not contributing substantive amounts of lead into the water supply, but rather the outlets themselves are at fault: None failed the flush sampling portion

All of the outlets identified below require some form of remediation and retest however, Guidance from the EPA recommends daily-prior to use flushing for outlets designed for use as cooking, drinking or washing dishes.

The outlets identified below (in green) may continue to be used, provided a 3-5 minute daily flush-prior to use is performed. Flushing as a stand-alone measure is not considered adequate remediation. Some options for remediation include permanent signage stating that the outlet is “Non-Potable Hand Washing Only”, removal or replacement or the unit, or installation of point of use filtration (PUR, Brita, and Aquasana are some examples) those need to be 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 by as much as 97 %.

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. Additionally, with the number of sinks that passed flush testing, I would recommend sediment filtration or water softeners be installed in-line with the water main at the building entry points.

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

## [Ray County Health Department](https://www.bing.com/ck/a?!&&p=e56da9ae663d6ebaJmltdHM9MTcwNzQzNjgwMCZpZ3VpZD0wYjMxZjJmNS0wMmM3LTYyNzQtMzU4MC1lMTc0MDNlZDYzMDUmaW5zaWQ9NTQ5OQ&ptn=3&ver=2&hsh=3&fclid=0b31f2f5-02c7-6274-3580-e17403ed6305&u=a1aHR0cHM6Ly93d3cuYmluZy5jb20vYWxpbmsvbGluaz91cmw9aHR0cHMlM2ElMmYlMmZ3d3cucmF5aGVhbHRoLm9yZyUyZiZzb3VyY2U9c2VycC1sb2NhbCZoPUczeVFnY05NOGdaR2hibGIlMmJOSGdENE0xeWJyVHB3cFpBNiUyYndLU1ZwMEE0JTNkJnA9bHdfZ2J0JmlnPUJBMTMxRDUwMkQzMjRCNjA4NjMzNzhFQTM1OEY3ODA1JnlwaWQ9WU40NzN4ODU5NTYzNw&ntb=1)

 [www.rayhealth.org](http://www.rayhealth.org) [820 E Lexington St, Richmond, MO 64085](https://www.bing.com/ck/a?!&&p=52bafad9297020c4JmltdHM9MTcwNzQzNjgwMCZpZ3VpZD0wYjMxZjJmNS0wMmM3LTYyNzQtMzU4MC1lMTc0MDNlZDYzMDUmaW5zaWQ9NTUwMA&ptn=3&ver=2&hsh=3&fclid=0b31f2f5-02c7-6274-3580-e17403ed6305&u=a1L21hcHM_Jm1lcGk9MTA5fn5Ub3BPZlBhZ2V-QWRkcmVzc19MaW5rJnR5PTE4JnE9UmF5JTIwQ291bnR5JTIwSGVhbHRoJTIwRGVwYXJ0bWVudCZzcz15cGlkLllONDczeDg1OTU2MzcmcHBvaXM9MzkuMjc0NDQ4Mzk0Nzc1MzlfLTkzLjk2MzcyMjIyOTAwMzlfUmF5JTIwQ291bnR5JTIwSGVhbHRoJTIwRGVwYXJ0bWVudF9ZTjQ3M3g4NTk1NjM3fiZjcD0zOS4yNzQ0NDh-LTkzLjk2MzcyMiZ2PTImc1Y9MSZGT1JNPU1QU1JQTA&ntb=1) (816) 776-5413

**Remediation recommendations and alternatives:**

|  |  |  |  |
| --- | --- | --- | --- |
| Initial | Flush | Location | Remediation Recommendation |
| 9.3 | ND | HAND SINK IN PREK NAP ROOM | (1) Replace faucet or, (2) Install inline filter and replace aerator or, (3) Install point of use filter. |
| 7.8 | ND | HAND SINK IN ROOM 13 |
| 11.60 | ND | HAND SINK IN ROOM 12 |
| 7.32 | ND | FOOD PREP IN ROOM 33 |