



Nick Fish, Commissioner
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Information: 503-823-7404
www.portlandoregon.gov/water



April 4, 2017

ROBERT HOLLER
6030 SW 55TH AVE
PORTLAND, OR 97221

Dear Customer:

Thank you for participating in Portland's free lead in water testing program. The Portland Water Bureau has completed the analysis on your water sample.

Sample Collected: 11/13/2016 Sample Location: KITCHEN SINK
Sample No: BB79949 Sample Type: STANDING, INITIAL

RESULT

Metal Analyzed	Your Sample (ppb)	EPA Standard (ppb)
Lead	1.71	15.0

How to Interpret Your Result

The result to the left is shown in parts per billion (ppb), which is a unit of measurement. One ppb is equivalent to one penny in \$10,000,000.

The result of your sample is compared to the drinking water standard set by the Environmental Protection Agency (EPA).

Compare your lead result to the EPA standard above.

If the level of lead in your sample is above the EPA standard, it is advisable - especially if there are young children in the home - to reduce the lead level in your tap water as much as possible. For additional information about lead and how to reduce your exposure, see the other side of this letter and the enclosed brochure.

If you have any questions concerning your water analysis, please do not hesitate to call the Portland Water Bureau's Water Line at 503-823-7525.

Sincerely,

Portland Water Bureau
Water Line
503-823-7525
Enclosure

While lead is rarely detected in Portland's water system, some customers may be exposed to lead in drinking water through their home plumbing. At particular risk are customers whose homes were built before 1985 with copper pipe and lead solder. The major source of lead in the tap water of Portland homes is the corrosive action of water on household plumbing components that contain lead, such as faucets and lead-based solder.

Results after the water has been standing for several hours are the highest likely levels of lead in the water. They are not likely to represent the levels of lead in water during normal usage. If your water test shows that the level of lead in your household water is above the EPA standard, it is advisable - especially if there are young children in the home - to reduce the lead level in your tap water as much as possible. Exposure to lead can affect long-term health and development.

There are several easy ways to reduce your exposure to lead in drinking water:

- Avoid using water that has been standing in the pipes for several hours to cook, drink or make baby formula. Running the cold water tap until the water feels noticeably colder (about 30 seconds - 2 minutes) brings in fresh water from the distribution mains outside your home. This can reduce lead in water levels up to 90%.
- Consider using a filter: Check whether it removes lead. Not all filters do.
- If you choose a filter device, be sure to maintain it in accordance with the manufacturer's instructions once it is in use. Other water quality problems can develop from lack of maintenance.
- Consider buying low-lead fixtures. As of January 2014 all pipes, fittings and fixtures are required to contain less than 0.25% lead. When buying new fixtures, consumers should seek out those with the lowest lead content.
- For information on filter certification and lead-free components, contact NSF International at 877-867-3435 or visit www.nsf.org

The Water Bureau treats the water to reduce corrosion in plumbing by adjusting the pH of the water. Comparison of monitoring results before and after pH adjustment show over 50 percent reduction of lead with pH adjustment.

If you would like additional information on how to reduce your exposure from all sources of lead, contact the LeadLine at 503-988-4000 or www.leadline.org.

More information on lead and further steps that individuals can take to reduce their exposure are outlined in the enclosed brochure "A Guide to Lead in Drinking Household Plumbing and You Drinking Water".

If you have any questions concerning your water analysis, please do not hesitate to call the Water Line at 503-823-7525.