

Notice of Lead Tap Water Results

Sample Location: Northern Lights Cannabis Date Collected: 07-05-23

Dear, Northern Lights Cannabis,

We would like to thank you for your participation in the lead tap monitoring program. Below is the lead result for the sample location listed above. Additional general information concerning lead in drinking water follows. For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you need more information concerning this result, please call the Bay Mills public water supply at 906-322-7180 and ask for Adam Murphy.

ONLY the statement that is checked below is applicable to your sample location.

Lead was NOT DETECTED at this sample location.

Lead was detected at _____ mg/L. This result is BELOW the lead action level of 0.015 mg/L.

Lead was detected at _____ mg/L. This result is ABOVE the lead action level of 0.015 mg/L.

What Does This Mean?

Under the authority of the Safe Drinking Water Act, EPA set the action level for lead in drinking water at 0.015 mg/L. This means utilities must ensure that water from the customer's tap does not exceed this level in at least 90 percent of the homes sampled (90th percentile value). The action level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. If water from the tap does exceed this limit, then the utility must take certain steps to correct the problem. Because lead may pose serious health risks, the EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. The MCLG 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.

If detected, your lead level may be due to conditions unique to your home, such as the presence of lead solder or brass faucets, fittings and valves that may contain lead. Our system works to keep the corrosivity of our water as low as possible (corrosive water can cause lead to leach from plumbing materials that contain lead) and there are actions you can take to reduce exposure. We strongly urge you to take the steps below to reduce your exposure to lead in drinking water.

Should the current (or if in the future) lead 90th percentile for the community water supply exceeds the lead action level, you can rest assure that we are taking a number of steps to correct the problem. Such steps will or would include; monitor our source water, initiate controls to reduce the corrosivity of our water (corrosive water can cause lead to leach from plumbing materials that contain lead) and initiate lead service line replacement if needed.

What Are the Health Effects of Lead?

Lead can cause serious health problems if too much enters your body from drinking water or other sources. 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. The greatest risk of lead exposure is to infants, young children, and pregnant women. 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.

What Are the Sources of Lead?

The primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated residential soil. Exposure to lead is a significant health concern, especially for young children and infants whose growing bodies tend to absorb more lead than the average adult. Lead is rarely found in source water, but enters tap water through corrosion of plumbing materials. Homes built before 1988 are more likely to have lead pipes, fixtures and solder.

What Can I Do to Reduce Exposure to Lead in Drinking Water?

If you are concerned about the lead levels at your location, there are several things you can do:

- ***Run your water to flush out lead.*** If water hasn't been used for several hours, run water for 15-30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking. This will help flush lead-containing water from the pipes.
- ***Use cold water for cooking and preparing baby formula.*** Do not cook with or drink water from the hot water tap; lead dissolves more easily into hot water. Do not use water from the hot water tap to make baby formula.
- ***Do not boil water to remove lead.*** Boiling water will not reduce lead.
- ***Look for alternative sources or treatment of water.***
- ***Test your water for lead.*** Call us at the number above to find out how to get your water tested for lead.

Identify if your plumbing fixtures contain lead. Brass faucets, fittings, and valves, including those advertised as "lead-free," may contribute lead to drinking water. The law currently allows pipes, fittings, and fixtures with up to .25 percent weighted average of lead to be identified as "lead-free."

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Monitoring/Reporting Requirements Not Met for Bay Mills' Northern Light Cannabis Company Public Water System

Our water system violated a drinking water requirement. Even though this was not an emergency, as our customers, you have a right to know what happened and what we are doing to correct this situation.

**We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the summer of 2023 (June 1 – September 30, 2023) we collected lead and copper samples as required by the Safe Drinking Water Act Lead and Copper Rule, however we failed to report the laboratory data to EPA in a timely manner.*

What should I do?

There is nothing you need to do at this time.

The table below lists the contaminants that we monitored for and when laboratory data was reported.

Contaminant	When samples were required to be collected	Number of samples collected	When laboratory data should have been reported	When analytical results were reported
Lead ¹ and Copper ²	June 1 – September 30, 2023	4	October 10, 2023	October 11, 2023

What is being done?

Identify what is being done to resolve this violation.

For more information, please contact: **Name: Adam Murphy, 906-322-7180, amurphy@baymills.net**

**Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

This notice is being sent to you by Bay Mills' Northern Light Cannabis Company Public Water System

Public Water System Identification Number: 050593107

Date distributed: