

City of Kooskia Consumer Confidence Report 2019

The city of Kooskia routinely monitors for contaminants in your drinking water in accordance with federal and state regulations. Although many more contaminants were tested, only those substances listed below were found in your water. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive and rarely provide increased protection of public health.

The following table reflects your drinking water quality for the period of January 1, 2019 through December 31, 2019.

Potential Contaminants

Inorganic contaminants: salts and metals that can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or agriculture.

Pesticides and herbicides: may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

Microbial contaminants: viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Organic chemical contaminants: synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

Radioactive contaminants: naturally-occurring or the result of oil and gas production and mining activities.

Drinking Water Regulations

AL (Action Level): The concentration of a contaminant which, when exceeded, triggers treatment or other requirements

MCL (Maximum Contaminant Level): The highest level of a contaminant allowed in drinking water.

MCLG (Maximum Contaminant Level Goal): 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.

TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water.

For more information, contact:

Carlos Martinez

Public Works Superintendent
208-926-4751

More information about contaminants and potential health effects can be obtained by calling EPA's Safe Drinking Water Hotline at 1-800-426-4791 or the website, www.epa.gov/safewater/hotline/

CONSTITUENT TABLE							
Constituent	Violation (Y/N)	MCL	MCLG	Lowest Level Detected	Highest Level Detected	Year Tested	Typical Sources of Contamination
INORGANIC CONTAMINANTS							
Copper (ppm)	N	1.3 (AL)	1.3	N/A	0.04	2019	Corrosion of household plumbing systems; erosion of natural deposits
Lead (ppb)	N	15 (AL)	0	N/A	3	2019	Corrosion of household plumbing systems; erosion of natural deposits
MICROBIOLOGICAL CONTAMINANTS							
Total Coliform	N	TT	N/A	N/A	2 positive samples	2019	Naturally present in the environment

Units of Measurement

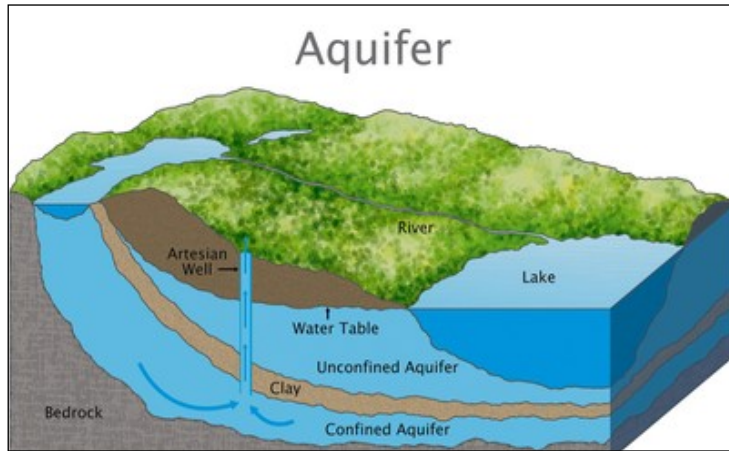
Parts per billion (ppb): One part per billion corresponds to one minute in 2,000 years

Parts per million (ppm): One part per million corresponds to one penny in \$10,000

Level 1 Assessment

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other waterborne pathogens may be present or that a potential contamination pathway exists in the drinking water distribution system. We found coliform indicating the need to look for potential problems in water treatment or distribution. When this occurs, we conduct assessments to identify problems and to correct any that were found. During the past year, sampling indicated we were required to conduct one Level 1 Assessment, which our system completed. This assessment returned results that suggested no corrective actions were required.





Where does my drinking water come from?
 The City of Kooskia supplies drinking water from 2 groundwater wells ("Well #3 Hillside" and "Well #4 Airport").

As water travels through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

The City has a source water protection plan in place in cooperation with the Idaho Department of Environmental Quality. This plan is available for review.

Some people may be more vulnerable to contaminants in drinking water than the general population.

- These individuals can include:
- persons undergoing chemotherapy
 - persons who have undergone organ transplants
 - people with HIV/AIDS or other immune system disorders
 - Elderly individuals
 - infants and young children
- These individuals should consider seeking advice from a health care professional.

ADDITIONAL INFORMATION
 Elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily associated with service lines and home plumbing. Additionally, bacteria can grow on the end of your faucets. The city of Kooskia cannot control the variety of materials used in plumbing components. You can minimize the potential for lead and bacteria exposure by flushing your tap for up to 2 minutes before using water. If you are concerned about lead in your water, you may wish to have your water tested.

What Can I Do to Help Protect My Drinking Water?



Preserving Quality at the Source
You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides - they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets. Animal waste can easily be carried into our streams, rivers, and lakes after one good rainstorm.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; fertilizers, pesticides, motor oil, and other chemicals have a significant impact on your drinking water quality
- Dispose of pharmaceuticals properly; for more information, please refer to www.deq.idaho.gov/pharmaceuticals-disposal

Conserving Quantity in your Home
Small changes can make a big difference .

- Take short showers - a 5 minute shower uses 4 to 5 gallons of water versus 50 gallons for a bath.
- Shut off water while brushing your teeth and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead to save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full to save up to 1,000 gallons a month.
- Fixing or replacing leaky toilets and faucets can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water during the cooler parts of the day to reduce evaporation.
- Make it a family effort to reduce next month's water bill!



Our Board meets the 2nd Wednesday of each month at 6:00 p.m. at Kooskia City Hall. Please feel free to join us in these meeting.