

# City of Hazelton Consumer Confidence Report 2019

The city of Hazelton routinely monitors for contaminants in your drinking water in accordance with federal and state regulations. Please review the table to learn about 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.

**MRDL (Maximum Residual Disinfectant Level):** The highest level of disinfectant allowed in drinking water. Disinfectant is considered necessary for control of microbial contaminants.

**MRDLG (Maximum Residual Disinfectant Level Goal):** The level of a drinking water disinfectant below which there is no known or expected risk to health.

## CONSTITUENT TABLE

Constituent	Violation (Y/N)	MCL	MCLG	Lowest Level Detected	Highest Level Detected	Year Tested	Typical Sources of Contamination
<b>INORGANIC CONTAMINANTS</b>							
<b>Copper (ppm)</b>	N	1.3 (AL)	1.3	N/A	0.11	2019	Corrosion of household plumbing systems; Erosion of natural deposits
<b>Nitrate (ppm)</b>	N	10	10	N/A	2.03	2019	Runoff from fertilizer; Leaching from septic tanks, sewage; Erosion of natural deposits
<b>RADIOACTIVE CONTAMINANTS</b>							
<b>Radium [226/228] (pCi/L)</b>	N	5	0	0.1	1	2017	Erosion of natural deposits
<b>Uranium (ug/L)</b>	N	30	0	N/A	3	2017	Erosion of natural deposits
<b>DISINFECTANTS &amp; DISINFECTION BY-PRODUCTS</b>							
<b>Chlorine (ppm)</b>	N	4	4	0.45	0.94	2019	Water additive used to control microbes
<b>Haloacetic Acids (ppb)</b>	N	60	N/A	N/A	2	2019	By-product of drinking water chlorination
<b>TTHMs (ppb)</b>	N	80	N/A	N/A	12	2019	By-product of drinking water disinfection

## Units of Measurement

**Picocuries per Liter (pCi/L):** a measurement of radioactive substance per Liter

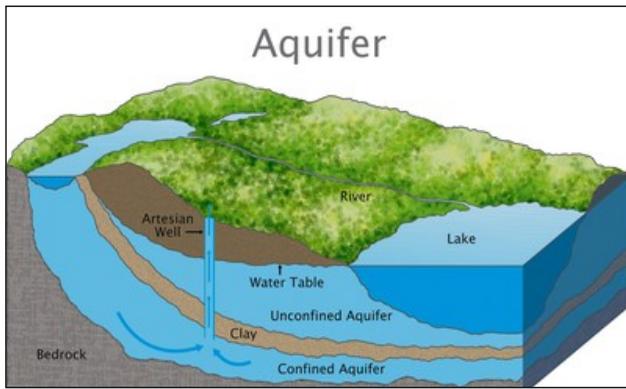
**Parts per billion (ppb):** One part per billion corresponds to one minute in 2,000 years

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

**Micrograms per Liter (ug/L):** a measurement of micrograms of substance per Liter



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/](http://www.epa.gov/safewater/hotline/)



### Where does my drinking water come from?

Drinking water for citizens of the City of Hazelton is supplied by two groundwater wells (Well #3 and Well #4).

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.

#### LEAD 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. The city of Wendell cannot control the variety of materials used in plumbing components. You can minimize the potential for lead 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.

#### 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.



## 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 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 water quality
- Dispose of pharmaceuticals properly; for more information, please refer to [www.deq.idaho.gov/pharmaceuticals-disposal](http://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 50 gallons a month.
- Run your clothes washer and dishwasher only when they are full to save 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!



*For additional information, please contact your water operator.*

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