

Inorganic Chemicals	Year Tested	Units	MCL	MCLG	Your Water	Violation?	Major Sources in Drinking Water
Nitrate	2020	ppm	10	10	<0.2	NO	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion or natural deposits
<b>Lead &amp; Copper</b> samples are collected at customer faucets. The number of homes sampled is based on population served by the system. Specific EPA mandated criteria are used to select the homes. This testing is done every three years.							
Primary Contaminants	Year Tested	Units	AL	90th Percentile	Samples > AL	Violation?	Major Sources in Drinking Water
*Copper	2019	ppm	1.3	0.139	0 of 10	NO	Corrosion of household systems erosions of natural deposits
*Lead	2019	ppm	0.015	0.002	0 of 10	NO	Corrosion of household systems erosions of natural deposits
Disinfectant (an additive)	Year Tested	Units	MCL	MRDLG	Running Average	Violation? Range	Major Source in Drinking Water
Free Chlorine Residual	2020	ppm	4	4	0.3	.02 - .80	Water additive used for filter treatment
Disinfection By-products	Year Tested	Units	SDRL	MCL	Your Water	Violation?	Major Sources in Drinking Water
HAA5	2020	ug/L	15	60	1.01	NO	Organic matter and disinfection products
Total Trihalomethanes	2020	ug/L	0.5	80	10.75	NO	Organic matter and disinfection products

*The Tables ...* briefly identify the results of mandatory testing the Department of Health requires of the City of McCleary.

*Also ...*

Besides the testing on the preceding table, we are also required to test for :

<u>Test</u>	<u>Next Sample Due</u>
Asbestos	May 2021
Complete Inorganics (IOC)	Sep 2022
Volatile Organics (VOC)	Jun 2021
Herbicides	Mar 2022
Pesticides	Dec 2022
Soil Fumigants	Dec 2022
Gross Alpha	Jun 2022
Radium 228	Jun 2022

Because of our excellent test results we have had waivers on our IOC's ranging from 6 to 9 years.

The Department of Health requires testing for more than 45 Herbicides, Pesticides and Soil Fumigants. McCleary's water has had no evidence of these chemicals in the drinking water, therefore we have been granted waivers ranging from 3 to 9 years between tests.

Spring of 2019 we tested the drinking water for 14 known Herbicides. All of the laboratory test results came back as ND (Not-Detectable).

\*Copper — to be tested Aug 2022

\*Lead— to be tested Aug 2022

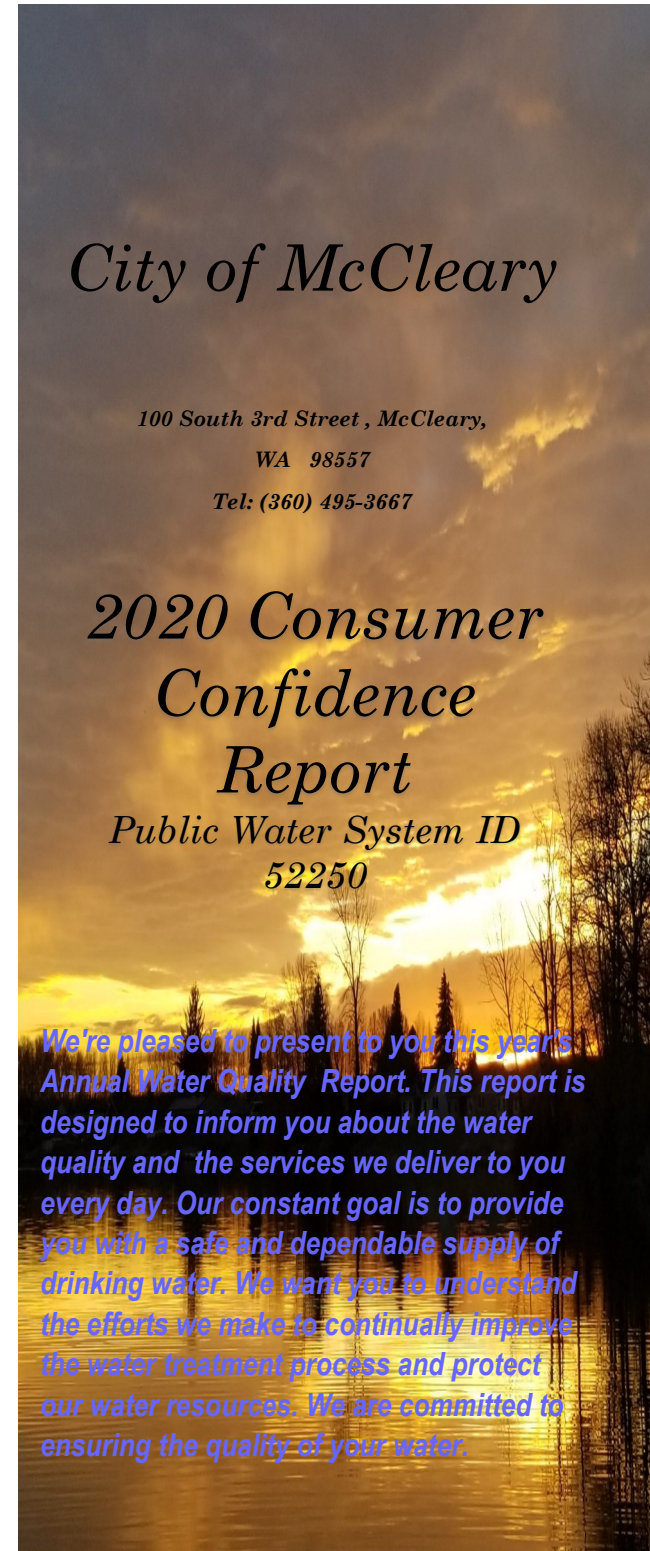
*We at The City of McCleary...*

work tirelessly to provide top quality water to every tap.

We ask that all our customers help us protect our water source, which is the heart of our community, our way of life and our children's future.

Water Plant Manager: Kevin Trehwella

Phone: 360-495-3217



# City of McCleary

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## 2020 Consumer Confidence Report

Public Water System ID 52250

*We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the water quality and the services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.*

# 2020 Annual Drinking Water Quality Report



The source of our water comes from two 90 foot deep wells, located on city property, just west of the SR108 turnoff, in the northern part of town. From the source, a disinfectant is injected into the system to protect us from microbial contaminants. From there, the water is filtered to remove Iron & Manganese. It is then conveyed through the distribution system to 2 storage tanks

located to the east of the city, high on a hill. I am pleased to report that McCleary's tap water continues to meet state drinking water and Environmental Protection Agency (EPA) health standards for 2020

Continued water quality testing results report that our system has not violated a primary maximum contaminate level (MCL) or primary water quality standard.

## Additional Health Information:

**Lead** - Elevated levels of lead, if present, can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing.

The City of McCleary is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components.

When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking.

If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the...

Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

## WATER...

Drinking water, including bottled water, can contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained from the EPA's Safe Drinking Water Hotline.

The sources of contaminants can be naturally occurring minerals, from the presence of animals or from human activity. Some people may be more vulnerable to contaminants in drinking water than the general population. Persons with immune system deficiencies, such as those with cancer under going chemotherapy, who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, and some elderly, and infants can be particularly at risk from infections. Persons with such conditions should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection from microbial contaminants are available from the Safe Drinking Water Hotline.

More information is contained in the city's Water System Plan. You can review this plan, as well as recent water testing results, by contacting McCleary City Hall.

## Water Use Efficiency Report

Every year the Department of Health asks us to record how much water we produce, sell and lose. Losses are generally caused by leaks. The following is a summary of what we produce, sell and lose.

### Distribution System Leakage Summary:

Total Water Produced -Annual Volume	81,548,826
Water Sold – Annual Volume	74,464,100
Distribution System Leakage – Annual Volume	7,084,726
Distribution System Leakage - Percent	8.7%

3-year annual average 7.9%

## Key Definitions...

**Action Level (AL):** The concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow.

**Lead and Copper 90th Percentile Value:** Out of every 10 homes sampled, 9 were at or below this level. This must be less than or equal to the AL or additional steps must be taken.

**Maximum Contaminant Level (MCL):** The highest level of a contaminant allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (MCLG):** 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.

**Maximum Residual Disinfectant Level (MRDL):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants

**Maximum Residual Disinfectant Level Goal (MRDLG):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**N/A:** Not applicable

**N/D:** Not detectible

**ppb:** Parts per billion (µg/L, micrograms per liter)

**ppm:** Parts per million (mg/L, milligrams per liter)

**Secondary Maximum Contaminant Level (SMCL):** These standards are developed as guidelines to protect the aesthetic qualities of drinking water and are not health based.

EPA Safe Drinking Water Hotline  
(800) 462-4791