



Without a doubt, 2021 was challenging. Despite these challenges we are proud to say we have met and gone beyond meeting the EPA and state requirement. Our goal is to deliver and maintain the highest quality water while also serving the safest and best tasting water. This report describes our water sources, information from the EPA about drinking water and testing results from the last 5 years. As part of our ongoing commitment to increase public communication, awareness and transparency, this report helps to keep you informed of what is happening with the water you drink. The data included in this report will help show what is in your water and the limits the EPA allows. If you have any questions after reading this report, please feel free to contact our office 541.382.2855. You can also visit the State web <https://yourwater.oregon.gov/inventory.php?pwsno=00682> for more information. Scroll to the bottom to search all info.



### An Important Message from the Environmental Protection Agency

The sources of both tap and bottled water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, it can also pick up substances resulting from the presence of animals and human activity.

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

**Inorganic contaminants**, such as salts and metals, can be naturally-occurring, they can result from urban storm-water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, and farming.

**Pesticides and Herbicides**, which may come from agricultural, urban storm-water runoff, and residential uses.

**Organic Chemical Contaminants**, are synthetic and volatile organic chemicals. They are byproducts of industrial processes and petroleum production, from gas stations, urban storm-water runoff, and septic systems.

**Radioactive Contaminants**, are naturally occurring or the result of oil and gas production and mining activities.

Drinking water and bottled water may 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 by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

### Important Information About Water and Your Health

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised people such as people with cancer undergoing chemotherapy, people who have undergone organ transplants, people with HIV/Aids or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advise about drinking water from their health care providers, such as their family doctor in order to ensure that tap water is safe for them to drink. The EPA/CDC has guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants. **For more information call the Safe Drinking Water Hot Line 1-800-426-4791.** Additional information can be found on the CDC

### Lead in Drinking Water....Are You at Risk?

Elevated levels of lead 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 Prineville is responsible for providing high quality drinking water to your tap and cannot control the variety of materials used in plumbing components in your home. 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 to drink or cooking. If you are concerned about lead in your water you can 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/or> [www.leadline.org](http://www.leadline.org), or by contacting Edge Analytical, drinking water testing laboratory 541-639-8425.

You can see our most recent test results in the data table below. We are required to report only those substances that were present at detectable levels. We are allowed to monitor for some contaminants less than once per year, therefore some of the data can be more than one year old but within 5 years.

Primary Standards (directly related to the safety of drinking water)						
Inorganic Contaminants	Units	MCL	MCLG	Range/Result	Did a Violation occur ?	Likely Source
2021 - Arsenic	ppb	10	0	2.05	No	Erosion of natural deposits
2021 - Barium	ppm	2	2	0.475	No	Erosion of natural deposits
2021 - Chromium	ppb	100	100	1.77	No	Erosion of natural deposits
2021 - Fluoride	ppm	4	4	0.629	No	Erosion of natural deposits
2021 - Nitrate	ppm	10	10	0.01 - 4.76	No	Erosion of natural deposits
2021 - Toluene	ppm	1	1	0.00293	No	Discharge from Factory
Unregulated Contaminants						
2021 - Nickle	ppm	N/A	N/A	0.00298	No	Erosion of natural deposits
*2020 - Sodium	ppm	N/A	N/A	66.1	No	Erosion of natural deposits
*Sodium is not regulated and is a recommendation only. If you are on a sodium restricted diet, please contact your health care provider for guidance.						
Lead and Copper	Units	MCLG	AL	90 <sup>th</sup> %	Did a Violation occur ?	Likely Source
2021 - Copper	ppm	1.3	1.3	0.134	No	Household plumbing
2021 - Lead	ppb	15	0	1.8	No	Household plumbing
Violation - A violation occurred in 2021 of non-reporting of Radiologicals. They were collected and analyzed in 2021, but was not entered by the Oregon Health Authority into the State database until 2022.						
Radiological Contaminants	Units	MCL	MCLG	Range/Result	Did a Violation occur ?	Likely Source
2021 - Gross Alpha	pCi/L	15	0	0 - 4.66	No	Erosion of natural deposits
2021 - Radium	pCi/L	5	0	0 - 0.9	No	Erosion of natural deposits
2021 - Uranium	ppb	30	0	2.7 - 4.0	No	Erosion of natural deposits
Disinfection By-Products	Units	MCL	MCLG	Range/Result	Did a Violation occur ?	Likely Source
2021 - TTHM	ppb	80	N/A	29.9 - 30.6	No	By-Product of drinking water disinfection
2021 - HAA5	ppb	60	N/A	8.4 - 12.7	No	By-Product of drinking water disinfection
2021 - Chlorine Residuals	ppm	4	4	0.06 - 0.69	No	By-Product of drinking water disinfection

- **AL - Action Level**, the concentration of a contaminant which if exceeded, triggers treatment or other requirements.
- **EPA - Environmental Protection Agency**, sets water quality standards and establishes methods and monitoring requirements for water utilities.
- **MCL - Maximum Contaminant Level**, the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.
- **MCLG - Maximum Contaminant Level Goal**, the level of a contaminant in drinking water which there is no known or expected risk to health. MCLG's allow a margin of safety.
- **PPB - Parts Per Billion**, the equivalent of one second in 32 years.
- **PPM - Parts Per Million**, the equivalent of one second in 12 days.
- **pCi/l - Picocuries Per Liter**, a measure of radioactivity.
- **Result** - the column that shows you what level of contaminant was found in the water you drink.
- **Treatment Technique**, a required process intended to reduce the level of a contaminant in drinking water.

#### City of Prineville Source Water Assessment

An assessment of our water system has been completed by the Department of Human Services to determine susceptibility to potential sources of contamination. A copy is on file by contacting the office at 541.447.5627.



# Standards

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. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's safe drinking water hotline at 1-800-426-4791.