

# Consumer Confidence Report

# 2021

The City of Toppenish is proud to present our annual Consumer Confidence Report, which keeps our residents informed of their water quality. This report includes the most recent water sampling test results. Over the years, we have dedicated ourselves to producing drinking water that meets all state and federal standards. As new challenges to drinking water safety emerge, we remain vigilant in meeting the goals of source water protection, water conservation, and community education while continuing to serve the needs of all our water users.

**Este informe contiene información importante sobre su agua potable. Póngase en contacto con el departamento de obras públicas para obtener una copia en español.**

## Toppenish's Interim Public Works Superintendent

The City of Toppenish is in good hands with Shaun Burgess as the Interim Public Works Superintendent.

Shaun's many years of working in public water systems and knowledge of regulations, maintenance and operations makes him an asset to the City of Toppenish.

Shaun began his public works career at Eatonville, Washington in 1999. There he worked as public works Maintenance worker and soon moved to water and wastewater treatment and operations. In 2000 Shaun was promoted to Public Works Lead where he oversaw the 2 MGD. Water treatment plant, 1 MGD. Wastewater treatment plant, distribution system, streets, parks, and storm water.

In 2008 Shaun Began working as a Wastewater Treatment Operator for the City of Toppenish and participated in the construction of City's 1.67 MGD. plant upgrade. In 2019 Shaun was promoted to Lead Operator where he was responsible for regulation and operations. In February of 2021 Shaun was promoted to Public Works Supervisor and since August of 2021 Shaun has been Interim Public Works Superintendent. Shaun holds Washington State Department of Health and Ecology Certifications in Water Treatment, Water Distribution, Cross Connection Control, Wastewater Treatment, and many others related to public works.

## Our Drinking Water Source

Toppenish derives its drinking water from six deep Wells: Well #3, Well #5, Well #6, Well #7, Well #8 and Well #9. These Wells pump groundwater to four storage reservoirs (two elevated water storage reservoirs and two standpipe reservoirs). These reservoirs help to protect the City's estimated 9,000 residents, businesses and visitors during fire, power outages, and high water-use periods.

Water is carried from the Wells, treated with fluoride then disinfected with chlorine. Residual chlorine and fluoride levels in the distribution system are checked daily to ensure that the amounts of chlorine and fluoride utilized are effective while remaining at the safe levels determined by the EPA. Finally, the water travels from the reservoirs to you through approximately 34.14 miles of water distribution piping.

## Water Use Efficiency Update

The City of Toppenish has a responsibility to educate the public on conservation and to be able to account for at least 90% of the water it produces. **In 2021, we were able to account for 90% of the water that we produced.** Which, brings our three year running average to 89.5%. You can help us maintain our success by using water wisely. With your support, the WUE Program can have a true and lasting impact.

*Thank You!*

## Want to get involved ?

City council meetings are held on the following schedule:

- 1st Monday of every month at 5:00 pm - Study Session.
- 2nd Monday of every month at 7:00 pm - Regular Council Meeting.
- 4th Monday of every month at 7:00 pm - Regular Council Meeting.

### TERMS & ABBREVIATIONS

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

**Contaminant:** A word used to describe anything detected in the drinking water supply. This term is commonly used in the drinking water industry and should not necessarily invite concern, as all drinking water contains trace amounts of minerals and other substances.

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

**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.

**ND** (Not Detected): Lab analysis indicates that the contaminant is not present or not detectable with the best available technology.

**ppb:** Parts per billion, or micrograms per liter.

**ppm:** Parts per million, or milligrams per liter.

**Range:** The lowest (minimum) amount of contaminant detected and the highest (maximum) amount detected during a sample period.

**90th percentile:** Out of every 30 homes sampled, 27 were at or below this level. One site exceeded the state trigger level of 0.6 ppb. A trigger level is set as a caution and does not necessarily indicate a health hazard. It may indicate that additional sampling is required.

# 2021 WATER QUALITY DATA TABLE

*The Environmental Protection Agency (EPA) regulates the frequency of sampling for various contaminants. The data presented in this table is from testing conducted in 2021. The table may also include any other results within the last five years for analyses that were not required in the year 2021*

| Contaminants (units)                  | MCLG | MCL  | Range Low-High or Result | Sample Date    | Violation | Typical Source   |
|---------------------------------------|------|------|--------------------------|----------------|-----------|--|
| <b>Inorganic Contaminants</b>         |      |      |                          |                |           |  |
| Arsenic (ppb)                         | 0    | 10   | 0.2 - 0.9                | Aug 2019       | No        | Found in natural aquifer deposits  |
| Nitrate (ppm)                         | 10   | 10   | <0.05 - 2.94             | Oct 2021       | No        | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits    |
| Manganese (ppm)                       | n/a  | 0.05 | ND - 0.107               | Jul - Nov 2019 | No        | Naturally occurring in surface water, ground water, and soils that may erode into these waters |
| Iron (ppm)                            | n/a  | 0.3  | 0.001 - 0.332            | Jul - Nov 2019 | No        | Corrosion of household plumbing systems  |
| <b>Disinfection By-Products</b>       |      |      |                          |                |           |  |
| HAA5 (Haloacetic Acids) (ppb)         | 0    | 60   | ND                       | Dec 2021       | No        | By-product of drinking water disinfection.   |
| TTHM (Total Trihalomethanes) (ppb)    | 0    | 80   | 4.20                     | Dec 2021       | No        | By-product of drinking water disinfection.   |
| <b>Lead and Copper (Distribution)</b> |      |      |                          |                |           |  |
|                                       | MCLG | AL   | 90th Percentile          |                |           |  |
| Lead (ppb) 20 samples                 | 0    | 15   | 0.66                     | Dec 2021       | No        | Corrosion of household plumbing systems; Erosion of natural deposits                           |
| Copper (ppm) 20 samples               | 1.3  | 1.3  | 0.178                    | Dec 2021       | No        | Corrosion of household plumbing systems; Erosion of natural deposits                           |

## The Effect of Lead In Drinking Water

If present, 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 Toppenish 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 (800)426-4791 or on their website [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).



## A Note about Fluoride

Although we're not mandated to fluoridate by The Department of Health (DOH) or The Environmental Protection Agency (EPA), our city voted to maintain fluoride levels recommended by the Centers for Disease Control and Prevention (CDC).

The city wells contain naturally-occurring levels of fluoride and we add a little bit more to the water from each well to increase the level to the concentration recommended. At the recommended levels, fluoride can help keep tooth enamel strong and can help prevent cavities (tooth decay) in children and adults. Community water fluoridation has been shown to save money for both families and the health care system. The treated water fluoride level in 2021 ranged from <0.01 mg/L to 0.76 mg/L.

## Important Health Information

Drinking water, including bottled water, may reasonably be expected to contain at least trace amounts of some "contaminants". The presence of these do not necessarily indicate that water poses a health risk.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as persons undergoing chemotherapy, persons 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 advice about drinking water from their health care providers. Environmental Protection Agency/Centers for Disease Control (EPA/CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline at (800)426-4791.

**Do you have questions about this report or your drinking water?**



**City of Toppenish Public Works/Water Division (509) 865-4500**  
**Washington Department of Health (509) 329-2100 US-EPA**  
**Safe Drinking Water Hotline (800) 426-4791**