



2021 Annual Drinking Water Report for Quincy Water Association (QWA)

January 1, 2021 – December 31, 2021

We are pleased to present to you the Annual Water Quality Report for 2021. This report is designed to inform you about the quality of water and service delivered to you every day. The State of Oregon has completed the assessment plan for our wells which includes a map of where the water comes from, possible sources of contamination, and a review of the susceptibility of the source for contamination. This plan is available for public review.

Our drinking water is ground water and comes from our Stewart Creek wells. It is safe and meets all federal and state requirements. If you have any questions about this drinking water report, or any other questions about QWA please contact a member of the QWA board. (*see contact info on last page*)

Educational & Health Information

The sources of drinking water (both tap water 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, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operation, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer 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.

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 (1.800.426.4791).

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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. Quincy Water 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 www.epa.gov/safewater/lead.

About Quincy Water Association and 2021 Sampling Results

Quincy Water Association is a member owned, non-profit cooperative association, established in 1953. Quincy Water was organized for single family residential water service to its members. We have a five member volunteer board that manages this water association. Quincy Water serves approximately 129 families in community of Quincy, Oregon.

Your drinking water comes from groundwater wells. There are two 460 foot deep wells located up Stewart Creek Road about 600 feet apart. The system is configured and controlled to allow us to alternate the two wells. The well water is pumped through a five vessel A-Tech filtration system to remove any iron or manganese before going into the 250,000 gallon reservoir, which is also located at the well sites.

Quincy Water is required to take many water samples on a routine basis to provide clean safe drinking water to its members. The chart below shows what we are required to test for and how often it is required. This chart shows when the last sample was taken and when the next sample is due. For details of all our test results please use this link. <https://yourwater.oregon.gov/chemlatest.php?pwsno=00196>

PWS #: 00196 QUINCY WATER ASSOCIATION Routine Sampling Schedules For Chemicals

Facility ID	Name	Test Group	Samples Required	Sampling Interval	Last tested	Violation	Next Due
DIST-A	DISTRIBUTION SYSTEM	LEAD & COPPER	5	3 Years	09/12/19	No	2022
DIST-A	DISTRIBUTION SYSTEM	STAGE 2 DBP	1	3 Years	09/08/21	No	2024
EP-A	EP FOR WELL #2A AND 2B	ARSENIC	1	9 Years	10/13/21	No	2022
EP-A	EP FOR WELL #2A AND 2B	IOC	1	9 Years	12/20/18	No	2027
EP-A	EP FOR WELL #2A AND 2B	NITRATE	1	Yearly	12/20/18	No	2027
EP-A	EP FOR WELL #2A AND 2B	NITRITE	1	9 Years	09/08/21	No	2022
EP-A	EP FOR WELL #2A AND 2B	RAD - GROSS ALPHA	1	9 Years	12/20/18	No	2027
EP-A	EP FOR WELL #2A AND 2B	RAD - RADIUM 226/228	1	9 Years	12/20/18	No	2027
EP-A	EP FOR WELL #2A AND 2B	RAD - URANIUM	1	9 Years	12/20/18	No	2027
EP-A	EP FOR WELL #2A AND 2B	SOC	1	3 Years	12/20/18	No	2027
EP-A	EP FOR WELL #2A AND 2B	TOLUENE	1	Yearly	01/22/19	No	2022
EP-A	EP FOR WELL #2A AND 2B	VOLATILE ORGANICS	1	3 Years	02/19/19	No	2022

About Quincy Water Association's 2021 Sampling Results

We continually sample for many different chemicals and have found very little contamination. Contamination is anything other than pure water. We sample total coliform bacteria every month as an indicator of microorganisms that should not be present. The table below lists all the drinking water contaminants that we detected during the past calendar year or in our most recent tests as noted. 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 EPA's Safe Drinking Water Hotline (1.800.426.4791).

Regulated	MCL G	MCL	Our Water	Sample Date	Violation	Typical Source of Contaminant
Total Trihalomethanes (TTHM) (ppb)	N/A	.0800	0.0083	Sept 2021	No	Disinfection byproduct
TOTAL HALOACETIC ACIDS (HAA5)	N/A	.0600	ND	Sept 2021	No	Byproduct of of drinking water disinfection
Lead (ppm)	0.015	0.015 AL	0.005	Oct 2019*	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Copper (ppm)	1.3	1.3 AL	0.149	Oct 2019*	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Nitrate (ppm)	10	10	ND	Sept 2021	No	Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits.
Toluene	1 ppm	1 ppm	ND	Oct 2021	No	Toluene is mainly used as a solvent. It can get into drinking water through discharge from industrial plants. Toluene can also leach from coatings used to protect drinking water storage tanks

*This is the most recent monitoring, done in compliance with regulations.

Violations: Quincy Water Association had no violations in 2021 and achieved **Outstanding Performer status**.

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 Contaminant Level (MCL): 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.

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

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

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 contamination.

N/A: not applicable **ND:** not detectable at testing limit

ppm: parts per million or milligrams per liter **ppb:** parts per billion or micrograms per liter **pCi/L:** picocuries per liter (a measure of radiation)

Updates and Contact Information for Quincy Water Association

In May of 2022 Dave Hoiland of Northstar General Contractor retired as our system operator thus requiring us to seek and contract with a new maintenance contractor to do the day-to-day operation of our water system.

Starting in June 2022, Quincy Water Association has contracted with **Steve Stadelman** of Steve ‘Stadelman Custom Brush Clearing & Excavation’ for maintenance and operation of your water system. If you have problems concerning the water system or water quality, you may contact Steve Stadelman (503-709-9922) or one of your current board members listed below. At this time Cheryll Malisch is the registered Direct Responsible Charge, (DRC) for Quincy Water Association.

You can check the Quincy Water Association’s compliance status by visiting the Oregon Health Division Drinking Water Program’s Internet site. The location is: <https://yourwater.oregon.gov/inventory.php>. Once you are on the website the Quincy Water Associations Public Water System ID number is **00196**. This gives you access to a multitude of information about the water you drink. The direct link address is: <https://yourwater.oregon.gov/inventory.php?pwsno=00196>. If you do not have internet access you should be able to use the Clatskanie Public Library computers.

If you want to learn more about Quincy Water Association, please visit our website at www.quincywater.org or attend any of our scheduled board meetings. The board meetings are currently being held at 6:30 PM on the second Thursday of each month at the Quincy Grange. The annual members’ meeting is held on the first Tuesday of March at 7:00 PM also at the Quincy Grange.

2021 -2022 Quincy Water Association Board of Directors:

President	Randy Trass	503.728.3059
Vice President	Rick Cox	503.705.6787
Secretary/Treasurer	Cheryll Malisch	503.728.3938
Board Member	Mike Roberts	503.396.2002
Board Member	Vacant	N/A

Quincy Water Association Maintenance and Billing Contractors:

Maintenance & Meter Reader	Steve Stadelman	503.709.9922
Billing Services	Mariah Computer Services	503.728.3938
Billing Service email	info@quincywater.org	

For further information about Quincy Water Association, please visit our website at www.quincywater.org or look for us on Facebook for information on current or upcoming projects, project photos, outages, general updates and more.