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NUMBERS Office: (503) 392-3966

NESKOWIN REGIONAL WATER DISTRICT PHONE

Our e-mail is nrwd@neskowinwater.com. Our web site is <http://www.neskowinwater.com>

Cell Phones; Evenings, Weekends, Emergencies 24 Hours:

Troy N. Trute – (541) 992-1655 Email: tnt@neskowinwater.com

Jerry Evjen – (541) 921-2272 Email: jerry@neskowinwater.com

If you have a new mailing address, a new phone number, or wish to have your e-mail address on file, PLEASE LET US KNOW so that we are able to contact you in case of an emergency, such as a water leak on your property.

Neskowin Water
District PO Box 823
Neskowin, OR 97149

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2022 Annual Drinking Water Quality Report Neskowin Regional Water District

We're pleased to present to you our 2022 Annual Water Quality Report. This report is designed to inform you about the quality of our water in 2022 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. **We are pleased to report that our drinking water meets all Federal & State requirements.**

President's Message

As the Neskowin Regional Water District's 2022-2023 fiscal year draws to a close, the Board of Commissioners can report the following accomplishments:

- A continuing focus on acquisition of targeted Watershed;
- Efficiently resolving concerns brought to Board members by the public;
- Review and effectively carrying out the Board's Annual Work Plan;
- Annual review of the District's Emergency Response Plan;
- Review of and progress on projects identified in the District's Master Plan;
- Completion of annual self-evaluation;
- Budget development and continuous oversight;
- Review and acceptance of annual financial audit;

You elect us, and we serve at your pleasure. Our meetings are your meetings, and we welcome you to attend. Meeting notices are posted on our website at: <http://neskowinwater.com/>.

Why are you receiving this report?

This report fulfills the federal Safe Drinking Water Act requirement for drinking water systems to issue an annual Consumer Confidence Report. Its purpose is to give you, our customers, important information about your water, including where it comes from, what is in the water, how the water is treated, and how your water compares to federal standards. Troy Trute, the General Manager of the Neskowin Regional Water District (503) 392-3966, created this report.

Do we treat our water?

Our water source is Hawk Creek. The Hawk Creek watershed is one of the finest on the Oregon coast. All of our water is treated at the Frank Clanton Treatment Facility. We use a microfiltration membrane treatment system. We disinfect our water by injecting liquid hypochlorite (commonly called "chlorine"), which we produce on-site at the treatment plant. We also inject a small dose of sodium carbonate to maintain the required 7.2 pH.

We have a very detailed Source Water Assessment document from the Department of Environmental Quality (DEQ), and the Oregon Health Authority (OHA), that has identified our major risks to source water quality in Neskowin. The Source Water Assessment (SWA) document is available at our office and online at <https://www.deq.state.or.us/wq/dwp/swrpts.asp> for anyone that might like to know more about our source water. According to our last SWA, completed in 2015, our highest vulnerability comes from high soil erosion potential in our watershed and industrial timber harvesting practices. We are currently working to acquire land in our watershed to mitigate these risks to our source water.

What contaminants might be found in water?

All 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 the 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, or by visiting the EPA's website <http://www.epa.gov/safewater/index.html>. You can access information about any water system in Oregon at <http://oregon.gov/DHS/ph/dwp/index.shtml> and then click on Data Online. Our ID# is 4100970.

Here is a direct link to information about your water system: <https://yourwater.oregon.gov/inventory.php?pwsno=00970>

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. In order to ensure that the tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Contaminants that may be present in raw or source waters before it is treated include:

- Microbial contaminants - such as viruses and bacteria.
- Pesticides and Herbicides - organic chemicals used by forest product companies.
- Radioactive contaminants - which are naturally occurring.
- Organic chemical contaminants - including synthetic and organic volatile chemicals.

Are there contaminants in Neskowin water?

The Neskowin Regional Water District routinely monitors for contaminants in your drinking water according to Federal and State laws. The tables on the following page show the results of our monitoring for the period of January 1st to December 31st, 2022. Although we routinely monitor for more than 100 contaminants, the following tables below show only those constituents that were detected. The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, is more than one year old. The dates shown are the actual dates the testing samples were taken.

In this table, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've provided the following definitions:

Parts per million (ppm) - one part per million corresponds to a single penny in \$10,000.

Parts per billion (ppb) - one part per billion corresponds to a single penny in \$10,000,000.

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

Maximum Contaminant Level Goal (MCLG) - is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

Maximum Contaminant Level (MCL) - is 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.

Nephelometric Turbidity Unit (NTU) –the standard unit of measurement used in water analysis to measure the cloudiness or opacity of a water sample.

As you can see by these tables, our system had no contaminant detection violations in 2022.

Microorganisms						
Contaminant	Violation Y/N	Samples Present	Unit Of Measurement	MCLG	MCL	Likely Source
Total Coliforms	NO	0	Present Or Absent	0	Any Samples where Coliforms are Present	Coliforms are naturally present in the environment, as well as feces; fecal coliforms and E. coli only come from human and animal fecal waste.

Regulated Contaminants						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source
Nitrate as N 6/08/2022	NO	0.631	ppm	n/a	10	Erosion of natural deposits.
Total Trihalomethanes Running Annual Average	NO	35.9	ppb	n/a	80	Drinking water chlorination by-products.
Range of individual Trihalomethane Results	NO	30 – 46	ppb	n/a	n/a	Drinking water chlorination by-products.
Total Haloacetic Acid – HAA5 Running Annual Average	NO	25.8	ppb	n/a	60	Drinking water chlorination by-products.
Range of individual Haloacetic Acid – HAA5 Results	NO	9 – 39	ppb	n/a	n/a	Drinking water chlorination by-products.

Turbidity Test Results				
Highest Single Detect	Percentage of Sample Under MCL	MCL	Violation Y/N	Likely Source
0.022 NTU's 10/28/2022	100% Every month 2020	1 NTU's 95% of samples	NO	Soil Runoff
Turbidity – is a measurement of the cloudiness or opacity of water.				

Lead And Copper Test Results							
Substance	Units	Goal	Action Level (AL)	90 th Percentile**	Homes Exceeding Action Level	Complies	Likely Source
Copper	ppm	0	1.3	.137	0	Yes	Corrosion of Household plumbing
Lead	ppb	0	15.0	2.6	0	Yes	Corrosion of Household plumbing

** The 90th percentile is the highest result found in 90% of the samples when they are listed in order from the lowest to the highest results. EPA requires testing for lead and copper at a customer's tap most likely to contain these substances based on when the house was built. The EPA determined that if the sample results exceeded the Action Level (AL), the water district must take action in reducing the risk of leaching of lead and copper.

Important Information

Oregon Health Authority Violations in 2022: The Neskowin Regional Water District received no violations in 2022.

MCL's: are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Nitrates: As a precaution we would notify physicians and health care providers in this area if there is ever a higher than normal level of nitrates in the water supply.

Lead: 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 Neskowin Regional Water District is responsible for providing high quality drinking water, but cannot control the variety of material 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 at www.epa.gov/safewater/lead.

Immuno-compromised persons: 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. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

Important Billing/Contact Information

If you have a new mailing address, a new phone number, or wish to have your e-mail address on file with the Water District, please let us know. This contact information is used for billing and in case of an emergency, such as a water leak or water outage at your home.

Managers Note

I would like to thank everyone in the Water District for their continued support. I would especially like to thank those of the District that have dealt with water service interruptions over the past year. Since our last Consumer Confidence Report the District has made several upgrades to our water system, we have:

- Installed a new Variable Frequency Drives at our water plant
- Installed a raw water coagulant dosing system at our water plant.
- Installed new digital radio read water meters allowing the District to more accurately calculate water usage and leaks.
- Installed new pump and motor at the Hawk Hills Pump station.

Along with our regular maintenance, we have been working hard to ensure efficiency throughout the Water District.

Who are the people involved with the District?

Staff

Troy N. Trute – General Manager
Joy Neufeld – Office Manager
Jerry Evjen – Water Operator

Elected Board Members

Brenda Freshman Position #1 Member since July 2021.
Steve Rubert (Board President) Position #2 Member since September 2013.
Guy Sievert Position #3 Member since July 2023.
John Metschan Position #4 Member since July 2019.
Paul Bender Position #5 Member since July 2023.