

# 2023 Water Quality Report for Aldergrove Water Association

**The purpose of this report** is to inform you about the quality of your drinking water. **This report is required by the Federal Safe Drinking Water Act (SDWA).** Our mission is to provide you with safe, reliable drinking water while maintaining operational and financial health. This report is a summary of the quality of water provided in 2023 and includes details about where your water comes from and how it compares to stringent standards set by regulatory agencies. If you want to learn more, you are encouraged to contact the onsite park manager.

## ***YOUR WATER IS SAFE TO DRINK***

While we have learned through our monitoring and testing that some substances have been detected, the EPA has determined that your water IS SAFE to drink at these levels. The Board continues to work with your certified operator as required by state law. Together we are working to maintain the water quality. We are proud to report that your drinking water continues to meet or exceed all Federal and State water quality standards.

**Your water comes from a well field located on Olson Rd.** The well draws from a depth of 300 feet. It is very important to protect our only source of water and we encourage all to restrict their activities within a 100 foot radius of the well. Please report any potential contamination or suspicious activity within 500 feet of the well. It is your drinking water.

**In order to ensure that your tap water is safe to drink the Alder Grove Water routinely monitors for contaminants in your drinking water according to Federal and State laws.** The EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. This monitoring includes testing for naturally occurring contaminants as well as pesticide and chemical contaminants resulting from human activities. We have also monitored for lead and copper in homes with copper plumbing and/or lead solder joints.

**All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants.** It is important to remember that 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: 1-800-426-4791.**

**Some people may be more vulnerable to contaminants in drinking water than the general population.** Immunocompromised 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. More information about contaminants and the potential health effects can be obtained from the **Safe Drinking Water Hotline 1-800-426-4791.**

**Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age.** High nitrate levels in drinking water can cause Blue Baby Syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask for advice from your health care provider. While nitrates have been detected in our water they are below the action level of 5 ppm as indicated in the table on the back of the report.

**More volunteers are needed!** Remember, water you use is only readily available and safe when you need it, thanks in part to the members that volunteer and help keep the water flowing. For more information or to volunteer please contact a board member. For more information or questions on water quality and testing contact the office at 360-354-7909.

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**Water Use Efficiency.** Water Associations are required to prepare a Water Use Efficiency Program which includes setting goals for wise use of water. We track the quantity of water we pump during the year. In 2023 we pumped 5,314,156 gallons. Our customer usage was 5,215,231 gallons. Overall our unaccounted for water was 1.9% which is below the leakage standard of 10%. This information allows us to compare the water pumped to prior years and helps us further develop our Water Use Efficiency Program. More important, tracking this information will help us monitor for possible leaks that can reduce water pressure and introduce contamination. We ask all of our water users to keep an eye out for unexpected running water or indications of a leak such as soggy ground or green areas that are normally dry, especially in the dry summer months.

## Year 2023 Water Quality Data

The table below lists the health related drinking water contaminants we detected during 2023. If we were not required to test for the contaminant during 2023, the most current results are listed. Unless otherwise noted, the tables below show the results of our monitoring for the period of January 1st to December 31st of 2023. The State requires us to monitor for certain contaminants less than yearly because concentrations of these contaminants are not expected to vary significantly from year to year. We are not required to list contaminants for which there were no detections.

### Primary Drinking Water Standards

System ID # 01200

Primary Detected Substance	Test Date	Detected Level	Action Level	Highest Level Allowed (MCL)	Unit Measurement	Violation ?	Typical Source of Contaminant
Nitrate (as Nitrogen)	7/2023	ND	5.0	10.0	ppm	No	Runoff from fertilizer use
Arsenic	7/2022	.0023	.010	.010	Ppm	No	Natural deposits, waste electronics
Manganese	7/2022	ND	.0500	.0500	Ppm	No	Erosion of natural deposits

The Association routinely monitors for the presence of total Coliform bacteria in the water supply. The presence of total Coliform bacteria is an indicator of contamination from the environment such as soils and plants. When total Coliform bacteria is present in the water supply follow up samples are collected within 24 hours to determine if there are any harmful bacteria present. In February, November and December we had samples show presence of total coliform bacteria but follow up samples confirmed that no harmful bacteria was present. All other coliform samples in 2023 were satisfactory.

Other Regulated Substances	Test Date	Detected Level	Action Level *	Percentile	Unit Measurement	Violation ?	Typical Source of Contaminant
Copper (See Note #1)	8/2023	0.055-0.228	1.3	N/A	ppm	No	Corrosion of plumbing
Lead (See Note #1)	8/2023	ND	0.015	N/A	ppm	No	Corrosion of plumbing

### Terms and Abbreviations

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

**AL - Action Level** - The concentration level of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**ppm - parts per million** - corresponds to one minute in 2 years or a penny in \$10,000.

**ND - Non Detect**

**Note #1** - Five sites were sampled. \* Action Level—90% of samples must be below this level. Tests will continue as the treatment is adjusted to bring the water quality to within acceptable EPA health standards.

### Billing Questions

360-354-7909

### Certified Operator

Dave Olson 360-354-7909



EPA Safe Drinking Water Hotline