

Murdock Water 2025 Drinking Water Consumer Confidence Report

As part of the requirements of both the EPA and Washington State Department of Health, we are pleased to present to you this year's Annual Quality Water Report for the year 2025. Our constant goal is to provide you with a safe and dependable supply of drinking water. **During the year of 2025 Murdock had No Violations concerning your drinking water.**

Sources of Drinking water and Treatment: Our water supply is drawn from 2 well sources, located on located along on Ash Street, the lower well and upper well. These wells receive their water from the Wanapum Basalt formation at a depth of 225 ft to 400 ft. Chlorination is provided to the system at the wellhead. Chlorination is normally in the 0.2 to 0.4 ppm range. Well below the EPA maximum of 4.0 PPM.

Leakage and Water Conservation: We encourage you to check your home for leaks. This can easily be done by turning off all water uses and listening at your faucet for a humming or whistling noise. The sound may indicate you have a leak. If you see air bubbles rising in the toilet bowl, or hear the toilet tank frequently refilling these are also leak indicators. If you have a question as to whether or not you may have a leak, please seek advice or contact our Water Operator. A single leak that is dripping one drop of water per second will use 8.64 gallons per day and 3154 gallons per year. Repairing these leaks promptly can help conserve water, protect our supply from contamination and lower costs in supplying water. If you are looking for additional tips try this American Water Works Association website <http://www.awwa.org/waterwiser/>.

Cross Connection: Cross Connection Control seeks to eliminate hook ups that could create a backflow of contaminated or non-drinkable water into our water supply if system pressure is lost or reduced. Sprinkler systems, auxiliary wells, in home dialysis machines, and various devices that use water or water pressure all require a backflow prevention device to protect our drinking water. A very serious condition can exist in the use of insecticide sprayers or drain cleaners that hook up to a water hose for pressure. These can cause very hazardous situations and, in some cases, have resulted in death. If you have any concerns, please check with the District Manager or contact Klickitat County Health.

How to become involved: The DWD Board meets the 4th Wednesday of each month at the Dallesport Community Center at 2:30 PM. If you have questions and would like to speak to the District Manager or Office Manager, please contact our office at 541-980-6514.

Water quality monitoring: Murdock Water System routinely monitors your drinking water according to Federal and State laws. This monitoring is provided by a Contract Water Operator certified with the State of Washington Department of Health. This table shows the results of our monitoring for the period of January 1st to December 31st, 2025. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. **Bottled drinking water is actually held to less rigid standards than tap water.** It's important to remember that the presence of any contaminants does not necessarily pose a health risk. Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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 (800-426-4791).

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:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$ 10,000. A working comparison would be one drop of chlorine in 1,000,000 drops of water.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

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 treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is 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.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is 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.

2025 TEST RESULTS							
Contaminant	Violates	Level	Unit	MCLG	MCL	Likely Source of Contamination	
	Y/N	Detected	Measurement				
Microbiological Contaminants							
Total Coliform Bacteria	N	0		N/A		Naturally present in the environment	
				N/A		Naturally present in the environment	
Fecal Coliform and <i>E.coli</i>	N	0		0		Human and animal fecal waste	
Turbidity	N	0		N/A	TT	Soil runoff	
Nitrate (as Nitrogen)	N	0.5	Mg/L	0	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	
SOURCE	DOE Source	Collect Date	Test Panel	Analyte Group	Sample Number	Lab Number	Exceedances
Dist		9/25/2025	LCR LEAD COPPER	IOC INORGANIC CONTAMINANTS	184020 67	100028	No
Dist		9/25/2025	LCR LEAD COPPER	IOC INORGANIC CONTAMINANTS	184020 68	100028	No
Dist		9/25/2025	LCR LEAD COPPER	IOC INORGANIC CONTAMINANTS	184020 69	100028	No
Dist		9/25/2025	LCR LEAD COPPER	IOC INORGANIC CONTAMINANTS	184020 70	100028	No
Dist		9/25/2025	LCR LEAD COPPER	IOC INORGANIC CONTAMINANTS	184020 71	100028	No

DWD has not detected Lead in any water source. Elevated Lead and Copper

<u>SOURCE</u>	<u>DOE Source</u>	<u>Collect Date</u>	<u>Test Panel</u>	<u>Analyte Group</u>	<u>Sample Number</u>	<u>Lab Number</u>	<u>Exceedances</u>
Dist		10/23/2024	HAA5 HALO-ACETIC ACIDS	DBP DISINFECTION BY PRODUCTS	43801	218	No
Dist		10/23/2024	THM TOTAL TRIHALOMETHAN	DBP DISINFECTION BY PRODUCTS	43801	218	No



In-Organic Chemicals

<u>SOURCE</u>	<u>DOE Source</u>	<u>Collect Date</u>	<u>Test Panel</u>	<u>Analyte Group</u>	<u>Sample Number</u>	<u>Lab Number</u>	<u>Exceedances</u>
DW		3/28/2022	Manganese	IOC	02801	218	Yes
DW		10/1/25	PFAS	IOC	08301	218	No
DW		3/23/25	PFAS	IOC	44202	218	No
DW		6/3/25	PFAS	IOC	08301	218	No

(Changes in Chemical/Organic/Inorganic testing occurs on an annual basis as determined by WA Department of Health. Total testing parameters vary from year to year. If you have any questions on a parameter that may not have been tested for this last year, please call and we will get you the results.)

As you can see from the chart above, Murdock Water System had **NO Violations in Bacteriological Testing during 2025.** However Murdock did record an exceedance in manganese levels which can cause discoloration and staining of both clothing and fixtures. Filtration is difficult on these materials because of the dissolved nature in which they exist. Color change usually occurs when the water supply meets air, even as simple as opening the faucet. Please Note: (Water Quality Testing parameters vary on annual basis and additional testing data is available from previous years, please contact us for any additional information you desire, and we will gladly get you the information.). Dallesport staff has been flushing monthly to keep the water clear.

Special Notes:

Lead and Copper: Elevated Lead and Copper are typically encountered on a house by house basis and due to interior plumbing with the residence. Per Federal Guidelines testing occurs only after water has set in your plumbing for a minimum 6 hours. Infants and young children are typically more vulnerable to lead in drinking water than the population. It is possible that lead levels at your house may be higher than at other homes in the community as a result of materials used in your home's plumbing. This is especially true if the plumbing was done prior to 1983. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested, we can help, feel free to contact us. Make it a practice to flush your tap 30 seconds or more before drinking your tap water. This flushes impurities from your fixtures and allows clean safe water to enter from Distribution.

Nitrates: In drinking water at levels above 10ppm is a health risk for infants of less than six months of age. Murdock had high elevated levels of Nitrates detected in the water supply in the past but at a level that is considered less than the MCL, testing for Nitrates is done on an annual basis. High Nitrate levels (over 10mg/l) in drinking water can cause blue baby syndrome (methemoglobinemia). If you are having concerns on your water supply, please contact us or Klickitat County Health at 509-493-1558

We thank you for taking the time to read this report.

If you have any questions or concerns, please feel free to contact us.

DWD Manager

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