Vera Water and Power 2023 Annual Drinking Water Quality Report

Mandatory health-related standards are established by the Washington State Department of Health

Your Water Utility
System ID 914505

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Your drinking water is safe

We take the monitoring of our water supply very seriously. In fact, we continuously monitor our water supply to make sure your water is safe, healthy, and clean.

Last year, **we completed a total of 300 tests** on Vera's water for total coliform, E.coli, and other contaminants.
Every month, we take water samples from at least 25 different locations throughout our service territories to monitor for contaminants as required by the state of Washington. These test results tell us whether your drinking water meets state health standards.

In 2023, we met or exceeded all the Washington state and federal regulations.

Parameter	Unit of measure MCL	MCLG	Highest detected level pump stations 1	2	3	4	5	6	7	8	9	33	Likely source of contamination
Microbiology 300 tests were taken during this reporting period. Zero sample sites had total coliform present. Zero sample sites had fecal coliform and E. Coli present. (25 samples monthly).			**No constituents detected** at wells for Total Coliform Bacteria, Fecal Coliform and E. Coli.										Naturally present in the environment. Bacteria indicators of human and animal waste.
Inorganic chemicals Inorganic Chemicals - tested at Well #3.	Various		**Action levels not exceeded**										
Nitrates/Arsenic			**Action levels not exceeded**										Runoff from fertilizer use; leaching from septic tanks, sewage, erosion or natural deposits.
Nitrates, ppm	10 ppm		.50	.46	.76	2.5	.82	.39		.59	.53	.76	
Arsenic, ppb	.01 ppb				.001	.05							
Synthetic Organic Compounds Synthetic Organic Chemicals were tested in 2022.			**No constituents detected**										Herbicides Pesticides
Volatile Organic Compound Tested Well #5 in 2023.	Various		**Action levels not exceeded**										Erosions of natural deposits. Organic chemical contaminates.
PFAS			**Non-detectable**										
Lead and Copper 30 homes were tested in 2022 for Lead and Copper, which is regulated at the customer's tap every three years.	Pb .015 mg/L Cu 1.3 mg/L		**Action levels not exceeded** 90th percentile .00171 Pb .0695 Cu										Leaching/corrosion of household plumbing systems.
Disinfection Byproduct Rule four sites tested.													
TTHMs (Total Trihalomethanes)	80		**No exceedances**										Disinfected water
HAA5 (Haloacetic Acids)	60		**Non-detectable**										

Lead in drinking water

In Washington State, lead in drinking water comes primarily from materials and components used in household plumbing. The more time water has been sitting in pipes, the more dissolved metals, such as lead, it may contain. Elevated levels of lead can cause serious health problems, especially in pregnant women and young children. To help reduce potential exposure to lead, flush tap water that has not been used for six hours or more through the tap until it is noticeably colder before using the water for drinking, cooking or cleaning. Use cold water for drinking, cooking and making baby formula, since hot water is more likely to contain higher levels of lead. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in your drinking water is available from EPA's Safe Drinking Water Hotline at 800-426-4791 or at www.epa.gov/safewater/lead.

This report can be found at https://verawaterandpower.com/about/annual-reports/

Definitions and Abbreviations

MCL: The highest level of a contaminant that is allowed in drinking water.

MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health.

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

Pb: Lead
Cu: Copper

ppm: parts per million
ppb: parts per billion
nd: non-detectable