



Vera Water and Power 2016 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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Water pumped in 2016

Vera Water and Power pumped

3.4 billion gallons of water to

its customers in 2016. Of the

3.4 billion gallons pumped, the

District reported a 12.1 percent

leakage.

Vera is required under the State

Water Use Efficiency Rule to

sustain an average loss of 10

percent or less for three years

running. Vera has not met the

requirement this year. We work to

maintain Vera's water system with

a strong leak detection program

and aggressive hydrant use

metering policies to reduce the

loss of water each year.

Water loss also results during

construction occurring in

the District and accidental

digging into water lines. Vera's

conservation requirements

make it essential that our leaks

and construction dig-in repairs

receive top priority. Vera's goal is

to preserve an adequate supply

of safe, reliable drinking water for

our future generations.

Parameter	Unit of measure		Highest detected level pump stations											Likely source of contamination
	MCL	MCLG	1	2	3	4	5	6	7	8	9	33		
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.			No constituents detected at wells for Total Coliform Bacteria, Fecal Coliform and E. Coli.											
Inorganic chemicals 29 Inorganic Chemicals have been tested for in 2016 at Well No. 4.			Action levels not exceeded.											
Nitrates Measured in ppm 10 MCL, 10 MCLG	10	10	.66	.58	.72	2.6	.92	.42		.47	.45	.56	Runoff from fertilizer use; leaching from septic tanks, sewage, erosion or natural deposits.	
Synthetic Organic Compounds 85 Synthetic Organic Chemicals have been tested for in 2016.			No constituents detected											Herbicides Pesticides
Volatile Organic Compound 62 Volatile Organic Chemicals have been tested for in 2016 at Wells 1, 2, 3, 33, 6, 8 and 9..			Action levels not exceeded											Erosions of natural deposits.
Lead and Copper 30 homes were tested in 2016 for Lead and Copper, which is regulated at the customer's tap.	Pb .015 mg/L Cu 1.3mg/L		Action levels not exceeded											Leaching/corrosion of household plumbing systems.
Disinfection Byproduct Rule TTHMs (Total Trihalomethanes) HAA5 (Haloacetic Acids)	80 60		No exceedances											

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 6 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.

Definitions and Abbreviations

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

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.

ND: Not detected

ppm: parts per million

ppb: parts per billion

AL: Action level