



2023 Annual Water Quality Report for Stevens P.U.D.

Water Quality Information for: **LUD 24 Mission Ridge Water System**

A pipeline has been constructed to the Mission Ridge Water System from the City of Kettle Falls. The PUD continues to own and operate your Water System. The quarterly arsenic samples are BELOW the Maximum Level of 10 ppb since this pipeline has been installed!

Each well is assigned a number, i.e.: S01, S05, or S10.

The source of water for your water system is groundwater from **FOUR** Wells.
This Table lists only those substances that were detected during 2022.

Substance in Units	Date of Sample	Well or Other Test Results	SRL	MCL	Comply with Standards?	Likely Sources of Substances/Comments
Arsenic (ppb)	01/11/22 05/03/22 07/13/22 09/13/22	You are receiving ONLY the Blended Water from S02 & Kettle Falls City . Four samples taken throughout the year with results ranging from 0.00 to 0.00631 ppb. **	0.001	0.01	Yes, after improvements. Quarterly samples are still being taken.	Natural deposits; runoff from orchards or glass & electronics production wastes. After the Kettle Falls intertie, the Arsenic Levels comply with standards.
Conductivity	06/07/22	S03 = 1070	70	700	Yes	Erosion of natural deposits.
TDS	06/07/22	S03 = 592	100		Yes	Erosion of natural deposits.

Glossary of Terms - Definitions

MCL	Maximum Contaminant Level – the “maximum allowed” is the highest level of a contaminant in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment.
ppb	Parts per Billion (or micrograms per liter - ug/L) – one part per billion corresponds to one minute in 2,000 years or a single penny in \$10,000,000.
ppm	Parts per Million (or milligrams per liter – mg/L) - one part per million corresponds to one minute in two years (or a single penny in \$10,000).
SRL	SRL = State Reporting Level. A lower amount set by Washington State for reporting purposes only.
pG/L	Picocuries per liter- is a measure of radioactivity in water.