



STEVENS
PUBLIC UTILITY DISTRICT

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

Water Quality Information for: LUD 1 Loon Lake Water System

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

The source of water for your water system is groundwater from **THREE** 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
Nitrate (ppm)	06/13/22	S10 = 0.620	0.5	10	Yes	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
	09/08/22	S08 = 1.58				
	09/15/22	S08 = 0.152				
Copper (ppm)	July 2022	90th percentile = 0.132	0.02	1.3	Yes	10 samples taken. Corrosion of household plumbing; erosion of natural deposits.

NOTE: The 400 gpm well (located on Maple Street), which is supplying most of the water system, creates white deposits that may be seen on your sinks and in your toilets. It poses **NO** health problems. This is caused by natural mineral deposits in the ground.

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.