



STEVENS
PUBLIC UTILITY DISTRICT

2022 Annual Water Quality Report for Stevens P.U.D.

Water Quality Information for: LUD 12 Clayton Water System

Each well is assigned a number, i.e.: S01, S03, or S08.
The source of water for your water system is groundwater from THREE Wells.

This Table lists only those substances that were detected during 2021.

Substance in Units	Date of Sample	Well or Other Test Results	SRL	MCL	Comply with Standards?	Likely Sources of Substances/Comments
Nitrate (ppm)	06/14/21 06/14/21	S05 = .926 S07 = .825	0.5	10	Yes	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural
Total Haloacetic Acid (HAA5) (ppm)	07/21/21	Non-Detect	0	60	Yes	HAA5 is a disinfection by-product
Trihalomethanes (TTHM) (ppm)	07/21/21	Non-Detect	0	80	Yes	TTHM is a disinfection by-product.
Volatile Organic Chemicals (ppb)	10/27/21	Dibromochloromethane @ S07 = .530	0.5		Yes	Almost 70 substances on VOCs are tested, which includes chemicals such as chloroform, vinyl chloride, and styrene, etc. Only Dibromochloromethane was detected once during the year. All others were non-detect.
Copper (ppm)	June 2021	90th percentile = 1.16	0.2	1.3	Yes	5 samples taken. Corrosion of household plumbing; erosion of natural deposits.
Lead (ppb)	June 2021	90th percentile = .00126	0.001	0.015	Yes	5 samples taken. Corrosion of household plumbing; erosion of natural deposits.
Pesticides/Herbicides (ppb)	05/10/21	S07 = Non-Detect	0.04 - 2.0	0 - 500	Yes	Over 70 SOC substances were tested and all indicated that there is NO detection in the water.

Glossary of Terms

MCL	ppb	ppm	SRL	pG/L
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.	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.	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 = State Reporting Level. A lower amount set by Washington State for reporting purposes only.	Picocuries per liter- is a measure of radioactivity in water.