



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

April, 2018

Water Quality Information for Deer Lake Water System (LUD 13)

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 2017.

Substance in Units	Date of Sample	Well or Other Test Results	SRL	MCL	Comply with Standards?	Likely Sources of Substances/Comments
Nitrate (ppm)	06/07/2017	S04 = 0.981	0.5	10	Yes	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Pesticides/Herbicides (ppb)	09/19/2017	S02 = Non Detect S04 = Non Detect	0.04 - 2.0	0 to 500	Yes	15 SOC substances were tested and all indicated that there is NO detection in the water.
Lead (ppb)	06/16/2017	90th percentile = Non Detect	1	15	Yes	10 samples take. Corrosion of household plumbing; erosion of natural deposits.
Copper (ppm)	06/16/2017	90th percentile = 0.33	0.2	1.3	Yes	10 samples take. Corrosion of household plumbing; erosion of natural deposits.
Total Haloacetic Acid (HAA5) (ppm)	08/08/2017	Non Detect	---	60	Yes	HAA5 is a disinfection by-product
Total Trihalomethanes (TTHM) (ppm)	08/08/2017	2.2	---	80	Yes	TTHM is a disinfection by-product.

Glossary of Terms

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 1,900 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 1.9 years, or a single penny in \$10,000.	SRL SRL = State Reporting Level. A lower amount set by Washington State for reporting purposes	pCi/L Picocuries per liter - is a measurement of radioactivity in water.
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