



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

April, 2018

### Water Quality Information for Loon Lake Water System (LUD 1)

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	S10 = 0.699 S08 = 0.325	0.5	10	Yes	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Pesticides/Herbicides (ppb)	06/07/2017	S10 = 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.
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	4.27	---	80	Yes	TTHM is a disinfection by-product.

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*

<p><b>MCL</b></p> <p>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.</p>	<p><b>ppb</b></p> <p>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.</p>	<p><b>ppm</b></p> <p>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.</p>	<p><b>SRL</b></p> <p>SRL = State Reporting Level. A lower amount set by Washington State for reporting purposes</p>	<p><b>pCi/L</b></p> <p>Picocuries per liter - is a measurement of radioactivity in water.</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------