

Water Use Efficiency Annual Performance Report - 2017

WS Name: YAK CO - BUENA WATER SYSTEM

Water System ID# : 34301

WS County: YAKIMA

Report submitted by: *Bill Trout*

Meter Installation Information:

Estimate the percentage of metered connections: *100%*

If not fully metered - Current status of meter installation:

Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period: *01/01/2017* To *12/31/2017*

Incomplete or missing data for the year? *No*

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	30,950,600 gallons
Authorized Consumption (AC) – Annual Volume	30,209,947 gallons
Distribution System Leakage – Annual Volume TP – AC	740,653 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	2.4 %
3-year annual average	3.5 %

Goal-Setting Information:

Date of Most Recent Public Forum: *12/22/2009* Has goal been changed since last performance report? *No*

Note: Customer goal must be re-established every 6 years through a public process

WUE Goals:

Customer Goal (Demand Side):

Reduce average day and peak month demands per single-family residence by 3 percent based on the average of the demands over the next 6-year planning period (2009-2014) as compared to the average over the previous 6-year planning period (2003–2008)

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

*There was a 0.6% increase in system demands from 2016 to 2017.
There was a 1.0% increase in residential demands from 2016 to 2017
There was a 2.2% increase in system peak month demand from 2016 to 2017
There was a 3.6% decrease in residential peak month demand from 2016 to 2017*

Additional Information Regarding Supply and Demand Side WUE Efforts

Include any other information that describes how you and your customers use water efficiently:

We are at our goal for maintaining distribution leakage to less than 10% based on a three year rolling average.

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