

Water Use Efficiency Annual Performance Report - 2017

WS Name: KITTITAS COUNTY WATER DISTRICT #7 Water System ID# : 85295 WS County: KITTITAS

Report submitted by: Carl Nelson

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: _____ To _____

Incomplete or missing data for the year? Yes

If yes, explain:

*Due to snow and ice we are only able to read residential meters June to September months.
therefore, Distribution System Leakage Summary is based on these months only.*

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	4,984,820 gallons
Authorized Consumption (AC) – Annual Volume	4,007,180 gallons
Distribution System Leakage – Annual Volume TP – AC	977,640 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	19.6 %
3-year annual average	19.6 %

Goal-Setting Information:

Date of Most Recent Public Forum: _____ 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):

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

Resulting from a steep rate increase in 2015 on high water usage we have seen a decrease in high water use where customers would use in excess of 20,000 gallons per month on irrigation.

Our Annual Home Inspection Program continues to be effective in finding and preventing leaks on the demand side with customer participation.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

The water district has set the goal of no greater than 10% water loss.

Our "Water Loss Prevention Program "(WLPP) rides on our agenda for each monthly meeting where the Commissioners discuss and track water loss through supply side leaks.

The WLPP includes a daily check of our master meter. If there appears to be a spike in usage or other anomaly the operator is notified, an inspection of the system is conducted to identify the leak.

The system has aging pipes in the ground. The Commissioners are aware efforts to make capital improvements must be a priority. A capital improvement was funded to remove old galvanized cross overs this effort continues.

Inspection of residential meters is on going.

Do not mail, fax, or email this report to DOH