



Date Submitted: 5/9/2017

Water Use Efficiency Annual Performance Report - 2016

WS Name: BINGEN WATER DEPT

Water System ID# : 06900

WS County: KCLICKITAT

Report submitted by: Jan Brending

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: 12/24/2015 To 12/22/2016

Incomplete or missing data for the year? No

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	53,851,119 gallons
Authorized Consumption (AC) – Annual Volume	41,736,376 gallons
Distribution System Leakage – Annual Volume TP – AC	12,114,743 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	22.5 %
3-year annual average	27.5 %

Goal-Setting Information:

Date of Most Recent Public Forum: 08/18/2015 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 customer consumption by 10% over the 20-year planning period by 2035 (20-year planning period).

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

The City provides education information to its customers through a newsletter (used to publish the city's water quality report each year) and through utility billing mailers. This education stresses the need to conserve water and identifies conservation measures and uses in households that use a lot of water. The city reduced its water consumption by 7% from 2015 (44,901,401 gallons) to 2016 (41,736,376 gallons).

Additional Information Regarding Supply and Demand Side WUE Efforts

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

The City of Bingen continues to work to address Distribution System Leakage. DSL was reduced from 2015 of 32.4% to 22.5% in 2016. The city is replacing a water vault and meter in the summer of 2017 in order to establish more accurate recording of usage for that customer.

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