



Date Submitted: 2/25/2019

Water Use Efficiency Annual Performance Report - 2018

WS Name: OLYMPIA, CITY OF

Water System ID# : 63450

WS County: THURSTON

Report submitted by: *Erin Conine*

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: 01/01/2018 To 12/31/2018

Incomplete or missing data for the year? No

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	2,384,064,395 gallons
Authorized Consumption (AC) – Annual Volume	2,166,982,799 gallons
Distribution System Leakage – Annual Volume TP – AC	217,081,596 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	9.1 %
3-year annual average	9.8 %

Goal-Setting Information:

Date of Most Recent Public Forum: 10/06/2015 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):

Our current goals, as stated in the 2015-2020 Water System Plan, is to reduce indoor water use by 100,000 gallons per day; to reduce outdoor water use by 5 percent; and to maintain water loss below 10 percent of production.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

We have currently reduced indoor water use by 68,313 gpd - putting us on track to reach our goal. Although outdoor water use has been up in recent years, it is following the evapotranspiration rate for plant need based on weather conditions.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

We have also maintained our water loss below 10% of production during the planning period. Measures such as a system-wide leak detection survey, metered hydrant flushing, metered construction water, and better tracking of operations and maintenance uses have all contributed to the reduction in water loss in recent years.

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