



Date Submitted: 3/19/2021

## Water Use Efficiency Annual Performance Report - 2020

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 100% metered – Did you submit a meter installation plan to DOH? No

Within your meter installation plan, what date did you commit to completing meter installation?

Current status of meter installation:

### Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period 01/01/2020 To 12/31/2020

Incomplete or missing data for the year? No

If yes, explain:

**Total Water Produced & Purchased (TP)** – Annual volume gallons 2,290,524,750 gallons

**Authorized Consumption (AC)** – Annual Volume in gallons 2,058,010,888 gallons

Distribution System Leakage – Annual Volume TP – AC 232,513,862 gallons

Distribution System Leakage – DSL =  $[(TP - AC) / TP] \times 100 \%$  10.2 %

3-year annual average - % 9.7 % 2018, 2019, 2020

### Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: 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.*

### Customer WUE 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.*

### Customer (Demand Side) Goal Progress:

We reduced indoor use by 87,121 gallons per day, missing our goal by 12,879 gpd. Metered irrigation use has increased by 4.5% over the planning period, however that trend is following the evapotranspiration rate for plant need based on weather conditions.

**Additional Information Regarding Supply and Demand Side WUE Efforts**

*We have been working hard to decrease our water loss over the planning period. Measures such as a system-wide leak detection survey, metered fire training, metered hydrant flushing, metered construction water and better tracking of operations and maintenance use. We are currently working to get better fire suppression use estimates, as we believe that is a contributing factor to our current losses.*

December			