



Date Submitted: 4/13/2020

Water Use Efficiency Annual Performance Report - 2019

WS Name: PORT TOWNSEND CITY OF

Water System ID# : 69000

WS County: JEFFERSON

Report submitted by: *Michael Spears*

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: *01/01/2019* To *12/31/2019*

Incomplete or missing data for the year? *No*

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	<i>365,033,000</i> gallons
Authorized Consumption (AC) – Annual Volume	<i>335,108,856</i> gallons
Distribution System Leakage – Annual Volume TP – AC	<i>29,924,144</i> gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	<i>8.2 %</i>
3-year annual average	<i>7.5 %</i>

Goal-Setting Information:

Date of Most Recent Public Forum: *08/05/2019* Has goal been changed since last performance report? *Yes*

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

WUE Goals:

Customer Goal (Demand Side):

Reduce city-wide per capita daily consumption 3 percent below the 2013-2017 average over a six year period.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

2019 daily consumption was 96 gallons per capita. This is one gallon higher than the 2013-2017 average. The City will work toward its six-year goal through continued educational outreach promoting water conservation, informing customers of potential leaks on customer side of meter, providing water consumption history on utility bills, and xeriscaping of public spaces and parks.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

Supply side goal is to maintain the 3-year rolling average water distribution system leakage below 6.5 percent.

The current 3-year rolling average water distribution system leakage is 7.5%. Leakage in 2019 was 8.2%. While this did not meet the goal of maintaining the 3-year rolling average leakage below 6.5%, it represents an improvement from the previous year's 8.6% distribution system leakage. The City of Port Townsend's ongoing supply side WUE measures include ensuring that all accounts are metered, repairing broken meters, and identifying and repairing leaks. 2.4 miles of distribution system piping were surveyed for leaks in 2019.

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