

2019

Annual Water Use Efficiency Performance Report

In 2003, the Washington State Legislature passed the Municipal Water Law (House Bill 1338), to address the increasing demand on our state's water resources. The law established that all municipal water suppliers must use water more efficiently in exchange for water right certainty and flexibility to help meet future needs. The Legislature directed the Department of Health to adopt an enforceable Water Use Efficiency program which became effective on January 22, 2007.

The WUE program requires water systems to manage water loss, and pay attention to their usage patterns by reporting annually to the State Health Department, system customers, and the public.

The District has several programs in effect to promote conservation.

- ◆ The District's water commodity rate is tiered so that the more water that is used the greater the cost.
- ◆ The voluntary *Odd/Even Outdoor Watering Schedule* is promoted in the summer months. Compliance reduces the strain on water system supply.
- ◆ *FREE* water conservation devices and water-saving documents are available at the District office.
- ◆ All of the District's water service connections are metered.

The summary results for the 2019 reporting period for each of the District's water systems are presented in the table below. The District adopted new WUE Goals in 2019 to reduce DSL to less than ten percent in all systems over the next twenty years and to reduce residential consumption by two percent over the next six years. The District's progress on the adopted goals is reported to the Department of Health annually. If you have any questions about the Water Use Efficiency law, or would like additional information on each system's progress towards the goals, please contact Sean Vance, District Manager at 253-841-9698 or email sean@valleywaterdistrict.com.

System Name	12-month WUE Reporting Period	Total Water Produced and Purchased (TP) – Annual Volume	Authorized Consumption (AC) – Annual Volume	Distribution System Leakage – Annual Volume TP - AC	Distribution System Leakage – Percent DSL = [(TP - AC) / TP] x 100 %
Alderwood	1/7/19 - 1/7/20	21,586,280 gallons	17,463,556 gallons	4,122,724 gallons	19.10 %
Buttes	1/3/19 - 1/8/20	34,454,408 gallons	33,188,103 gallons	1,266,305 gallons	3.68%
Chinook	2/6/19 - 2/5/20	11,588,200 gallons	9,596,892 gallons	1,991,308 gallons	17.18 %
Country/Eldorado	2/19/19-2/6/20	29,962,000 gallons	27,142,132 gallons	2,819,868 gallons	9.41 %
Puyallup Highlands	1/3/19 - 1/8/20	19,559,585 gallons	18,895,228 gallons	664,357 gallons	3.40 %
Sierra	2/5/19—2/3/20	10,154,908 gallons	9,756,164 gallons	398,744 gallons	3.93%
Valley	1/3/19—1/7/20	68,196,222 gallons	59,017,536 gallons	9,178,686 gallons	13.46 %
View Royal	2/7/19—2/4/20	41,568,444 gallons	36,239,676 gallons	5,328,768 gallons	12.82 %
Winchester	2/5/19—2/4/20	2,061,419 gallons	2,126,564 gallons	-65,145 gallons*	-3.16 %

*The Winchester system experienced a failure in the source water metering process resulting in an inaccurate "Total Water Produced" quantity, which in turn incorrectly showed negative distribution leakage.