

# 2020 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 2020 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](mailto:sean@valleywaterdistrict.com).

System Name	12-month WUE Reporting Period	Total Water Produced & Purchased (TP) – Annual Volume	Authorized Consumption (AC) – Annual Volume	Distribution System Leakage – Annual Volume TP - AC	Distribution System Leakage – % DSL = [(TP - AC) / TP] x 100 %
Alderwood	1/7/20 - 1/5/21	24,462,754 gallons	20,242,788 gallons	4,219,966 gallons	17.25 %
Buttes	1/8/20 - 1/5/21	29,929,300 gallons	29,521,222 gallons	408,078 gallons	1.36%
Chinook	2/5/20 - 2/2/21	12,304,400 gallons	10,360,128 gallons	1,944,272 gallons	15.80 %
Country/Eldorado	2/6/20-2/3/21	32,743,143 gallons	29,325,842 gallons	3,417,301 gallons	10.44 %
Puyallup Highlands	1/8/20 - 1/7/21	20,328,784 gallons	19,371,180 gallons	957,604 gallons	4.71 %
Sierra	2/3/20—2/4/21	9,163,949 gallons	8,985,028 gallons	178,921 gallons	1.95%
Valley	1/7/20—1/5/21	68,895,100 gallons	61,992,544 gallons	6,902,544 gallons	10.02 %
View Royal	2/4/20—2/3/21	53,821,542 gallons	45,851,572 gallons	7,969,970 gallons	14.81 %
Winchester	2/4/20—2/2/21	2,852,367 gallons	2,565,640 gallons	286,727 gallons	10.05 %

## 2021 Odd/Even Summer Watering Schedule Recommendation

During the summer months, when water consumption increases, the water supply is often at its lowest. Long periods of high demand, such as what occurs during a summer drought, can endanger the supply of water. Well performance and water system reliability also decline when a water source is stressed by prolonged and excessive usage.

The District recommends that customers voluntarily follow an *Odd/Even Summer Watering Schedule* as an effective conservation tool.

An *odd/even schedule* simply means if your house address ends in an odd number, you use water outdoors on odd calendar dates, and if your house number is even, you plan your outdoor watering for even numbered dates.

A *mandatory odd/even schedule* would be the first method put into effect if adequate water supply becomes threatened by high demand.

Putting water conservation strategies to work all year long is necessary prevention to protect your water system from reaching the point of water shortage.

Visit [www.wateruseitwisely.com](http://www.wateruseitwisely.com) for more great water saving tips!