

WET GAZETTE

2022
SUMMER EDITION

District News and Information
from Valley Water District...



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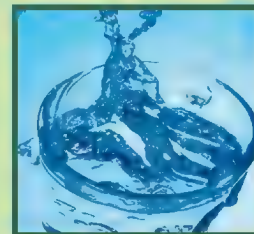
Email: service@valleywaterdistrict.com Website: www.valleywaterdistrict.com

Mission: "To provide safe and reliable water to all of the District's customers."

2021 Water Quality Reports

Valley Water District produces an annual Water Quality Report that provides an overview of your water sources and quality. To save money and resources, the report will no longer be mailed automatically to each customer. You may access the report for each system directly, including all monitoring results, at:

Alderwood -	http://www.valleywaterdistrict.com/forms/000194.pdf
Buttes -	http://www.valleywaterdistrict.com/forms/000195.pdf
Chinook -	http://www.valleywaterdistrict.com/forms/000196.pdf
Country/El Dorado -	http://www.valleywaterdistrict.com/forms/000197.pdf
Puyallup Highlands -	http://www.valleywaterdistrict.com/forms/000198.pdf
Sierra -	http://www.valleywaterdistrict.com/forms/000199.pdf
Valley -	http://www.valleywaterdistrict.com/forms/000200.pdf
View Royal -	http://www.valleywaterdistrict.com/forms/000201.pdf
Winchester -	http://www.valleywaterdistrict.com/forms/000202.pdf



If you are unable to access the report online or would like to receive a copy by mail, please call the District office at 253-841-9698 or e-mail service@valleywaterdistrict.com to request one.

BACKFLOW ASSEMBLY TESTING PROGRAM FOR CUSTOMERS:

In 2018, the District created a program that allows customers with backflow devices that are required to have annual testing done to "OPT IN" and have the District coordinate with a contractor to perform the test at a significantly reduced rate of \$28.00 per device (most testers charge \$40-\$90 per device). **It's not too late to opt in if you haven't yet, you can find the Backflow Testing Agreement on the District website at**

www.valleywaterdistrict.com under FORMS.

If you are already opted in...no need to worry about future testing. Every year between May and September, the District will automatically have the contractor, Randy Horne with Aqua Backflow Testing, perform the testing for each property that has opted in.



Board of Commissioners * Robert Fulton * Christine Johnson * Ted Hardiman

Meetings are held at 7:00pm on the first and third Tuesdays of each month. Ratepayers are encouraged to phone in to attend open and public board meetings. See details on our website. (www.valleywaterdistrict.com)

What's Happening in the District...

The District has been very active in continuing to improve the reliability of each system. Some projects identify new infrastructure that is needed, like the new well source at The Buttes, and some projects focus on repair and/or replacement of existing infrastructure.

Below is a brief summary of some of the projects that have been recently completed, are actively in construction, or are planned for the near future.

Alderwood Water System Leak Detection

The District hired a leak detection company to assist in locating leaks in the Alderwood System that were causing the System Distribution Leakage to be higher than the District's goal of under 10%. There were several leaks identified that District Staff has repaired. Additional leak detection and related repairs will take place in the near future.

Buttes Water System New Well Source

The first phase of the Emergency Buttes Well Replacement started in late March 2022 and should be substantially complete by the end of May. Phase 2 of the project which includes installation of the electrical components, controls, generator and other miscellaneous items was awarded to Harkness Construction at the April 19, 2022 Board meeting. The contractor may start some preliminary work in the next month or so, but the majority of the project will be constructed in late 2022 due to supply chain issues. The new well will allow us to rehabilitate the existing well, which will result in having two well sources to serve the community.



Your Money at Work on System Improvements

Chinook Water System Filter Media

The District is obtaining quotes for replacement of the filter media for the Chinook System. The current media is approaching the end of its useful life and should be replaced.



Sierra Water System Treatment

The District is working on a design and construction package for replacement of the existing treatment system that will go out to bid in mid to late 2022. The existing treatment system is no longer manufactured and obtaining parts to repair has become difficult.

Valley Water System SR162 AC Watermain Replacement

The District has advertised and is soliciting bids for replacement of approximately 6000 feet of A/C Watermain on SR162 with ductile iron pipe. The Valley System has experienced many watermain breaks on SR162 over the last 3 years from aging/failing AC Watermain and this project will significantly increase system reliability. Bid opening will take place on May 13th with anticipation of the project being constructed in late summer 2022.



Capital Improvement Projects:

One of the primary responsibilities of a Public Water System is to plan for and fund Capital Improvement Projects (CIP). CIP's like the ones listed above are projects that are identified by the District as required repairs and replacement of aging infrastructure, or addition of facilities to increase the safety and reliability of the Public Water System.

Funding for these projects can come from a variety of sources; a portion of the bi-monthly customer billings, connection charges from new customers and developers, bond issues, and loans from the Dept. of Health, Washington State, or various other agencies.

2021 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 2021 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 & Purchased (TP) – Annual Volume	Authorized Consumption (AC) – Annual Volume	Distribution System Leakage – Annual Volume TP - AC	Distribution System Leakage – % $DSL = [(TP - AC) / TP] \times 100 \%$
Alderwood	1/5/21 - 1/2/22	24,596,402 gallons	19,805,544 gallons	4,790,858 gallons	19.48 %
Buttes	1/5/21 - 1/6/22	37,657,800 gallons	35,703,024 gallons	1,954,776 gallons	5.19%
Chinook	2/2/21 - 2/1/22	13,555,700 gallons	11,046,052 gallons	2,509,648 gallons	18.51 %
Country/Eldorado	2/3/21-2/2/22	33,412,856 gallons	29,772,968 gallons	3,639,888 gallons	10.89 %
Puyallup Highlands*	1/7/21 - 5/7/21	5,822,409 gallons	5,434,220 gallons	388,189 gallons	6.67 %
Sierra**	2/4/21—2/4/22	11,100,200 gallons	11,167,922 gallons	-67,722 gallons	-.61%
Valley	1/5/21—1/4/22	89,334,846 gallons	80,871,508 gallons	8,463,338 gallons	9.47 %
View Royal	2/3/21—2/3/22	52,767,492 gallons	45,389,189 gallons	7,378,303 gallons	13.98 %
Winchester	2/2/21—2/3/22	2,603,538 gallons	2,304,588 gallons	298,950 gallons	11.48 %

*Puyallup Highlands is included in The Valley system after the 5/7/21 reading when they were switched over to the Valley Reservoir.

**The Sierra 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.



2022 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 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 for more great water saving tips!