



WET GAZETTE

2021 SPRING/SUMMER EDITION

Valley Water District
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OPEN PUBLIC MEETINGS

Due to the Governor's Proclamation related to COVID-19 and the Open Public Meetings Act, Board of Commissioner meetings will be conducted via conference call only until further notice. (see details on website). Meetings are held at 7:00 pm on the first and third Tuesdays of each month. Dates are subject to change from the regular pattern. Ratepayers are encouraged to phone in to attend open and public board meetings.

Board of Commissioners:

Robert Fulton
Christine Johnson
Ted Hardiman

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2020 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 -	https://www.valleywaterdistrict.com/forms/000167.pdf
Buttes -	https://www.valleywaterdistrict.com/forms/000168.pdf
Chinook -	https://www.valleywaterdistrict.com/forms/000169.pdf
Country/El Dorado -	https://www.valleywaterdistrict.com/forms/000170.pdf
Puyallup Highlands -	https://www.valleywaterdistrict.com/forms/000171.pdf
Sierra -	https://www.valleywaterdistrict.com/forms/000172.pdf
Valley -	https://www.valleywaterdistrict.com/forms/000173.pdf
View Royal -	https://www.valleywaterdistrict.com/forms/000174.pdf
Winchester -	https://www.valleywaterdistrict.com/forms/000175.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 send an e-mail to service@valleywaterdistrict.com to request one.

Valley Water District COVID-19 Response: Utility Customer Support Program

In an effort to assist customers who have fallen behind on their accounts during the Covid-19 Pandemic, the Board of Commissioners has adopted a Utility Customer Support Program to assist rate payers in bringing their accounts current.

The program includes allowing 30 days from the end of the Governor's Proclamation related to late payment restrictions for customers to either pay their account balance in full or execute a 12 month "Deferred Payment Agreement". The District has also made a list of resources available where customers may be able to get assistance in paying some or all of the outstanding balance.

Please see the Valley Water District website for details on the adopted program and additional resources at www.valleywaterdistrict.com.

Valley Water District - a local government that works without taxes!

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 Valley Reservoir, 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

Staff is actively using leak detection equipment in this system to identify District side service lines that may need to be repaired or replaced. There are several Capital Improvement Projects identified to replace watermain and service lines in this system in the next 2-5 years.

Buttes Water System

The District is investigating the addition of a new well for this system to provide improved system reliability. This investigative scope of work is anticipated to be approved in the next month or two and, if approved, could be scheduled for construction in late 2021.

Chinook & Buttes Recoating Project

The Reservoir recoating projects for the Buttes and Chinook tanks were completed in April 2021.

The recoating and repair of these tanks will significantly increase the useful life of both reservoirs.



Chinook Tank Recoated

Country/Eldorado Water Systems

The District recently completed replacement of the Programmable Logic Controller (PLC) for this system. The old PLC was outdated and failed multiple times over the last year resulting in temporary water outages for the system. The new PLC will increase reliability for the system.

Your Money at Work on System Improvements

Sierra Water System

The Sierra System will have significant improvements constructed beginning in June 2021. Improvements will include; adding generators at the well and pump station sites, adding security fencing to both locations, moving the control system for the wells from Larson Loss Road to inside the secured well site fencing and adding the initial telemetry capabilities to inform staff if there is a system failure. These upgrades will significantly improve the system reliability during power outages and also help improve response time from staff to get the system back online if needed.

The District is also investigating adding a new well for this system to provide improved system reliability. This investigative scope of work is anticipated to be approved in the next month or two and, if approved, could be scheduled for construction in early 2022.

Valley Water System

The new Valley Reservoir and Pump Station is on track to be completed in June 2021 to provide additional fire storage and reliability to the entire Valley System (which includes the Highlands development).



Valley Reservoir & Booster Station



View Royal Pump Station

View Royal Water System

The District has awarded a contract to replace the filter media at the View Royal Pump Station. Changing the filter media will help increase the amount of water the District can produce on a daily basis for this system, which will decrease the reliance on purchased water from the City of Tacoma to supply the system.

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.

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.

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 for more great water saving tips!