

Valley Water District

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2025 Water Use Efficiency - Goal Setting

In 2003 the Washington State Legislature passed the Municipal Water Law 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 them meet future demand. The legislature directed the Washington Department of Health (DOH) to adopt an enforceable Water Use Efficiency (WUE) program, which became effective on January 22, 2007.

One component of the rule requires that the District adopt water use efficiency goals through a public forum process every 6 years. This notice is intended to provide an update of the results since the last goal adoption and recommended goal setting for the next 6 years.

2019 – WUER Goal Results

Demand Side Goal - The “demand side” goal adopted in 2019 was to reduce residential consumption two percent (2%) over the next six years. As you can see from the chart below, 6 of the 8 systems exceeded expectations for savings, 1 remained unchanged and 1 increased. The chart below lists the accomplishments of the District compared to when the goal was established:

	2024	2024 ERU's	2019 Gallons/ERU	2024 Gallons/ERU	Savings per ERU
Alderwood	17,878,725	249	197	197	No Change
Buttes	31,810,406	374	249	233	-6.26%
Chinook	11,348,242	190	185	164	-11.55%
Country/ Eldorado	29,415,428	386	223	209	-6.23%
Sierra	10,066,799	151	256	183	-28.53%
Valley	82,640,376	1120	188	202	7.72%
View Royal	65,708,322	914	208	197	-5.51%
Winchester	2,075,700	33	186	172	-7.17%
*Puyallup Highlands was combined with Valley System in 2021 resulting in higher per home use due to the newer/larger homes being added.					

Supply Side Goal – The supply side goal adopted in 2019 was to reduce Distribution System Leakage (DSL) to less than ten percent (10%) over the next twenty years in all systems. Although there are still three (3) systems above the target DSL %, over half of the systems have met the goal and are under 10%.

	DSL %
Alderwood	28.56%
Buttes	3.61%
Chinook	9.47%
Country/Eldorado	15.34%
Sierra	3.87%
Valley	8.62%
View Royal	12.10%
Winchester	N/A

WUER Mandatory Measures –

Below are updates on the Additional Mandatory requirements for the WUER:

1. **Install source production meters** – COMPLETED for all systems.
2. **Install consumption meters (service)** – COMPLETED for all systems.
3. **Perform meter calibration** – The District completes these as needed. The District will also evaluate system wide meter replacement projects as needed and will continue to update all District meters to radio read.
4. **Implement a Water Loss Control Action Plan** – The District is under contract with Pape and Sons Construction to replace most of the District side service lines and watermain that has had significant leaks over the last 5 years in the Alderwood System. This project should correct the ongoing DSL issue and provide more reliable service for customers in the Alderwood System.
5. **Educate customers about water use efficiency practices** – The District website provides conservation measures as well as links to educational sites relating to efficient use of water. Educational material is also available at the District office along with conservation devices such as water efficient shower heads and hose spray nozzles.

NEW GOAL SETTING

The District will conduct a public forum at the Valley Water District office on October 6, 2025, at 2:00 p.m. (at the regularly scheduled public meeting) to discuss the recommended WUER goals and to receive public input related to water use efficiency and goal setting.

Taking into account the success of the measures and goals adopted in 2019, staff recommendation is to adopt the same goals for the next 6 year period.

Demand Side Goal – Reduce residential consumption two percent over the next six years.

Supply Side Goal – Reduce DSL to less than ten percent in all systems over the next twenty years.

Additional Measures – The District will continue to implement the practices below as efforts to achieve the adopted goals:

1. Evaluation and continuation of the tiered water consumption rate structure to promote conservation.
2. Continue distributing annual newsletters and WUER reporting with tips and educational information to encourage water conservation.
3. Continue providing education materials through the District website and at the District office.
4. Continue providing free high efficiency shower heads, hose nozzles and/or other water saving devices to customers in the District office.