

**RESOLUTION NO. 2022-05-543**

**A RESOLUTION OF THE CITY OF WHITE SALMON APPROVING AND ADOPTING WATER USE EFFICIENCY GOALS AND MEASURES**

**WHEREAS**, the Washington Department of Health has adopted the Water Use Efficiency Rule pursuant to RCW 43.20.230; and

**WHEREAS**, the City of White Salmon is required to adopt Water Use Efficiency Goals and Measures; and

**WHEREAS**, the City of White Salmon held a public hearing on May 18, 2022 to review and discuss the proposed water use efficiency goals of the City of White Salmon; and

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL FOR THE CITY OF WHITE SALMON, WASHINGTON** as follows:

**Section 1.**

The following Water Use Efficiency Goals are adopted:

**Goal No. 1:** Reduce the average gallons per equivalent residential unit (ERU) per day by two percent (2%) that can be observed in the average daily demand flow values in Year 2028). An ERU is defined as the average amount of water used by a resident. For the City of White Salmon's water system, an ERU was defined as 73,864 gallons per year per ERU or 202.4 gallons per day per ERU. The two percent reduction goal equates to 4 gallons per day per ERU or 1,477 gallons per year per ERU.

**Goal No. 2:** Reduce distribution system leakage (DSL) to 25 per cent less in Year 2028.


**Section 2.**

The following measures and activities are adopted to promote achieving the Water Use Efficiency Goals:

**Summary of Proposed Water Use Efficiency Program for the City of White Salmon**

<b>Measure/Activity</b>	<b>Implementation, Budget, and Notes</b>
<b>Installation and Operation of Source and Service Meters</b>	
Source and service meters already installed	In compliance
<b>Implementation of WLCAP</b>	
Supply Side Goal: DSL of less than 25 percent	May 2022, recommended adoption as a 6-year goal
Demand Side Goal: 2 percent reduction in average gallons per ERU per day in 2028 ADD.	May 2022; recommended adoption as a 6-year goal
Verify existing source meters	2022; \$1,700
Install new 10-inch source meter at Well No. 2	2023: \$9,200; installed cost
Better Documentation and Tracking of Unmetered Use	June 2022; Implement additional internal tracking
Leak Detection	Annually starting 2023; \$7,500
Monthly Reading of Service Meters	June 2022; coincide with AMR implementation
Complete New Meter Installation and AMR	June 2022; in budget
Implement Advanced Pressure Management	Initial Target Areas: 1) Eyrie Rd PRV review – Jun 2022, and 2) 6-inch Main, Bingen Intertie review – Jul 2022
Water Main Replacement and Abandonment: Water Transmission Main Upgrade Phases I & II	Phase I – Construction funding obtained Phase II – Under design, need construction funds
<b>Customer Education on WUE Measures</b>	
Educational Materials Sent to Customers Annually	June 2022; \$1,500; Material and distribution costs
<b>Water Conservation Rate Pricing</b>	
Consider Implementation of Seasonal Rate	Sept 2022; consider implementation in 2023
<b>Additional Measures (Five Mandatory)</b>	
Implementation of Water Conservation Rate Structure	In place; annual review recommended.
Mandatory Water Use Limitations	In place; Chapter 13.24.30, Water Code
Customer Notification of Possible Leak	In place; customer notified of unusual meter reading
Consumption Histories on Customers' Water Bills	In place
<b>Additional Measures Selected by Council</b>	
WUE Information on City's Website	\$1,000 initial cost; assume \$200 per year for updates
New Customer Water System Informational Packets	\$50 annually for materials and revisions


**ADOPTED** by the City Council of the City of White Salmon, Washington, at a regularly scheduled open public meeting thereof this 18<sup>th</sup> day of May, 2022.

  
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Maria Keethler, Mayor

Attest:

  
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Jan Brending, Clerk-Treasurer

Approved as to Form:

  
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Kenneth Woodrich, City Attorney