

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

Measure/Activity	Implementation, Budget, and Notes
Installation and Operation of Source and Service Meters	
Source and service meters already installed	In compliance
Implementation of WLCAP	
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
Customer Education on WUE Measures	
Educational Materials Sent to Customers Annually	June 2022; \$1,500; Material and distribution costs
Water Conservation Rate Pricing	
Consider Implementation of Seasonal Rate	Sept 2022; consider implementation in 2023
Additional Measures (Five Mandatory)	
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
One Additional Measure to be Selected by City Staff and/or Council	
WUE Information on City's Website	\$1,000 initial cost; assume \$200 per year for updates
Additional WUE Information Handouts	\$200 to \$700 materials, and \$900 postage cost annually
New Customer Water System Informational Packets	\$50 annually for materials and revisions
WUE Educational Display Board(s)	\$100 materials, \$300 construction
Local Rebate for Water Efficient Fixtures	\$600/yr; 40 parties over 6 years at \$30 rebate per party
Ultra-Low Flush Toilet Program	\$1,750/yr; Estimated 52 parties over 6 years at \$100 per toilet, 2 toilets per address

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

Marla Keethler, Mayor

Attest:

Jan Brending, Clerk-Treasurer

Approved as to Form:

Kenneth Woodrich, City Attorney

DRAFT