



Date Submitted: 7/1/2013

## Water Use Efficiency Annual Performance Report - 2012

WS Name: WHITE SALMON, CITY OF

Water System ID# : 96350                      WS County: KLICKITAT

Report submitted by: Tom Smith

### Meter Installation Information:

Estimate the percentage of metered connections: 100%

If not 100% metered – Did you submit a meter installation plan to DOH? No

Within your meter installation plan, what date did you commit to completing meter installation?

Current status of meter installation:

### Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period 01/01/2012 To 12/31/2012

Incomplete or missing data for the year? No

If yes, explain:

<b>Total Water Produced &amp; Purchased (TP)</b> – Annual volume gallons	351,727,044 gallons
<b>Authorized Consumption (AC)</b> – Annual Volume in gallons	279,067,620 gallons
Distribution System Leakage – Annual Volume TP – AC	72,659,424 gallons
Distribution System Leakage – DSL = [(TP – AC) / TP] x 100 %	20.7 %
3-year annual average - %	28.2 %                      2010, 2011, 2012

### Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: 11/07/2012

Has goal been changed since last performance report? Yes

*Note: Customer goal must be re-established every 6 years through a public process.*

### Customer WUE Goal (Demand Side):

*One percent reduction in average gallons per equivalent residential unit (ERU) day that can be observed in the ADD flow values in year 2018 (demand side goal). 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 71,064 gallons per year per ERU or 194.7 gallons per day (gpd) per ERU.*

### Customer (Demand Side) Goal Progress:

Reduction of water usage from odd and even days for water use for yard care.

## Additional Information Regarding Supply and Demand Side WUE Efforts

*Infrastructure Leakage Index (ILI) of 3.0 or less in the Year 2018 (supply side goal).*

*DSL of 25 percent or less in the Year 2018 (supply side goal).*

*2013 Survey on main line water system to bring in ALD to do leak analysis in 2013-2014.*

*Water Loss/Reduce in 2012 due to leak reduction.*

## Describe Progress in Reaching Goals:

- Estimate how much water you saved.
- Report progress toward meeting goals within your established timeframe.
- Identify any WUE measures you are currently implementing.
- If you established a goal to maintain a historic level (such as maintaining daily consumption at 65 gallons per person per day for the next two years) you must explain why you are unable to reduce water use below that level.

The following questions will help DOH better understand water usage, water resources management and drought response. The data will be used to provide technical assistance, not for regulatory purposes.

## All questions are voluntary

Month	Date of Measurement	Static Water Level (feet below measuring point)	Dynamic Water Level (feet below measuring point)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

**Water level data:**

Please provide the following information (if known) to help us better utilize the water level data.

Well tag Id number:

Well depth:

Water level accuracy (within 0.01 ft < 1 ft ~ 1 ft)

Completion type (e.g., cased open interval, cased open-ended, cased open-ended with perforations, etc...)

Location coordinates (latitude, longitude) and accuracy of the coordinates (< 1ft, ~1ft, >1000ft)

Water level parameter name (e.g. depth below measuring point, depth below top of casing, depth below ground surface)

Elevation of top of casing OR elevation of measuring point if different than top of casing (as specified in question 7)

**Monthly/Seasonal Water Usage:**

What was your maximum daily water demand for the previous year (in gallons per day)? \_\_\_\_\_

Month	Volume of Water Produced in gallons
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

**Water shortage response:**

Did you activate any level of water shortage response plan the previous year?

- Yes       No       There was no need to

If you activated a water shortage response plan the previous year, what level did you activate? (Check all that apply)

- Advisory Conservation       Voluntary Conservation  
 Mandatory Conservation       Rationing       Other

What factors caused your water shortage the previous year?

- Drought       Fire       Landslides       Earthquakes  
 Flooding       Water Supply Limitations       Other

**Do not mail, fax, or email this report to DOH**