

Water Use Efficiency Annual Performance Report - 2016

WS Name: YAK CO - CREWPORT

Water System ID# : 16242

WS County: YAKIMA

Report submitted by: *Bill Trout*

Meter Installation Information:

Estimate the percentage of metered connections: 100%

If not fully metered - Current status of meter installation:

Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period: 01/01/2016 To 12/31/2016

Incomplete or missing data for the year? No

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	7,280,400 gallons
Authorized Consumption (AC) – Annual Volume	6,670,481 gallons
Distribution System Leakage – Annual Volume TP – AC	609,919 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	8.4 %
3-year annual average	8.3 %

Goal-Setting Information:

Date of Most Recent Public Forum: 12/31/2009 Has goal been changed since last performance report? No

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

WUE Goals:

Customer Goal (Demand Side):

*Maintain distribution system leakage at less than 10 percent based on a 3-year rolling average.
Reduce average day and peak month demands per single-family residence by 3 percent based on
the average of demands over the next 6-year planning period (2009-2014) as compared to the
average over the previous 6-year planning period (2003–2008) 1.*

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

1. Educating customers about water use efficiency practices.
2. WUE measures currently being implemented include billing customers on an inclining block rate structure, notifying customers when an unusually high bill is discovered or when the meter indicates a leak, and providing water conservation tips in the CCR's.
3. There was a 8.5% decrease in demands from 2015 and 2016
4. There was a 17.% decrease in peak month demand from 2015 and 2016

Additional Information Regarding Supply and Demand Side WUE Efforts

Include any other information that describes how you and your customers use water efficiently:

The supply decreased 8.5% in 2016 compared to 2015. System leakage was 7.7% in 2016 7.9 in 2015, 8.7% in 2014, 8.0% in 2013, 9.1% in 2012, 8.1% in 2011. The system is meeting its goal. No supply side WUE measures have been implemented at this time.

Demand Side Goal Progress:

Demands decreased by approximately 8.5% from 2015 to 2016. WUE measures currently being implemented include customers on an inclining block rate structure, notifying customers when an unusually high bill is discovered or when the meter leak detector indicates a leak, and providing water conservation tips in CCR's.

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