



Date Submitted: 6/15/2017

Water Use Efficiency Annual Performance Report - 2016

WS Name: CARLSBORG LUD 10 12 13 14

Water System ID# : 00307

WS County: CLALLAM

Report submitted by: *Travis McClain*

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	27,563,052 gallons
Authorized Consumption (AC) – Annual Volume	24,923,824 gallons
Distribution System Leakage – Annual Volume TP – AC	2,639,228 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	9.6 %
3-year annual average	7.5 %

Goal-Setting Information:

Date of Most Recent Public Forum: *05/01/2017* 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):

Reduce annual ERU water consumption by a minimum of 1% within 6 years.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

2013 = 147.9 gd/ERU – day; 2014 = 164.2 gd/ERU – day; 2015 = 153.2/ERU – day; 2016 = 151.8 gd/ERU - day.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

Working toward implementing a GIS asset management program. Continuing water system audits, system repairs, tracking of non-revenue water and inclined-block water rates. Providing customers with information on bills about individual water use and conservation information via the District website. Providing free toilet leak detection tablets. Working with the District electric conservation department on rebates for power and water saving appliances. Implemented strategic objectives to ensure reliable supply and managing of resource portfolio to increase water use efficiency. Evaluated effectiveness of water use efficiency measures. Expanded the use of SCADA to detect leaks and reduce the response time for emergency repairs.

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