



Date Submitted: 6/14/2017

## Water Use Efficiency Annual Performance Report - 2016

WS Name: PORT ANGELES COMPOSITE

Water System ID# : 43296

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	207,255,840 gallons
Authorized Consumption (AC) – Annual Volume	198,043,666 gallons
Distribution System Leakage – Annual Volume TP – AC	9,212,174 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	4.4 %
3-year annual average	7.3 %

### 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:

*The current trend for ERU water consumption per day for this system is as follows: 2013 = 152.8 gd/ERU - day; 2014 = 157.2 gd/ERU - day; 2015 = 149.6 gd/ERU - day; 2016 = 155.0 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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