



Date Submitted: 6/30/2016

## Water Use Efficiency Annual Performance Report - 2015

WS Name: TRITON COVE

Water System ID# : 89447

WS County: JEFFERSON

Report submitted by: *William Graham*

### 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: 12/17/2014 To 12/15/2015

Incomplete or missing data for the year? No

If yes, explain:

### Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	1,679,210 gallons
Authorized Consumption (AC) – Annual Volume	1,358,950 gallons
Distribution System Leakage – Annual Volume TP – AC	320,260 gallons
Distribution System Leakage – Percent DSL = [(TP – AC) / TP] x 100	19.1 %
3-year annual average	12.7 %

### Goal-Setting Information:

Date of Most Recent Public Forum: 12/15/2010 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 residential customer demand by 2% over 6 year planning period (2011-2017) Reduce state and local governmental demand by 2% over planning period (2011-2017).*

### Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

*Triton Cove customers used significantly more water in 2015 than in 2014 likely due to the drought. However, customer usage has dropped relative to the 2011 benchmark of 1.50 million gallons to 1.36 million gallons in 2015 or a near 10% drop in customer usage over the conservation goal timeframe.*

*The PUD advertised and gave away low flow showerheads at its two offices and at local events. Also made available conservation kits that included low flow fixtures such as faucet aerators. Tiered conservation rates have been in place for the duration of the planning period. A conservation article was written and distributed in local paper about the drought and need for conservation and the PUD participated and presented at a community open house in July with state and local agencies about the drought.*

#### **Additional Information Regarding Supply and Demand Side WUE Efforts**

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

*Triton Cove suffered from several leaks in 2015 that contributed to the high 19.1% leakage and a new 3 year average of 12.7% pushing the system over the state leakage standard. This will be addressed in the revision of the conservation plan due in December 2016, but the PUD water crews continually work to identify and remediate leaks as soon as they are found. This system has been prone to large leaks since the Nisqually Earthquake in 2001 and has been both significantly below and above the state leakage standard since reporting has been required. Our objective is to be under the leakage standard 3 year average of under 10% by 2017 and onward, but as yet is not a board-approved goal for the new 2016 water conservation plan update.*

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