



Date Submitted: 6/30/2016

## Water Use Efficiency Annual Performance Report - 2015

WS Name: SNOW CREEK

Water System ID# : 01220

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: 12/16/2014 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                   | 1,369,640 gallons |
| Authorized Consumption (AC) – Annual Volume                               | 1,028,480 gallons |
| Distribution System Leakage – Annual Volume TP – AC                       | 341,160 gallons   |
| Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$ | 24.9 %            |
| 3-year annual average   | 14.0 %            |

### 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:

*Snow Creek customers used about 10% more water in 2015 than in 2014, and were off of the 2% goal for the 2011-2017 planning period reversing last year's positive trend. This was likely attributable to the hot spring and summer months causing heat stress to landscaping plants that customers tried to alleviate with additional watering. The increase in use due to the drought and heat is likely an aberration.*

*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:

*Snow Creek water system fell out of compliance with the state leakage standard when several leaks occurred in 2015. They have since been fixed, but the damage has been done, causing annual leakage rate to soar to 25%. This system is a small Group A where one large leak can inflate numbers. Consequently, the 3 year average after 2015 is now 14%. A recommended goal to be included in our water conservation plan update due in December 2016 will include getting Snow Creek water system below 10% leakage by 2018.*

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