



Date Submitted: 5/27/2016

Water Use Efficiency Annual Performance Report - 2015

WS Name: GARDINER LUD 1

Water System ID# : 07877

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 12/16/2015

Incomplete or missing data for the year? No

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	9,621,200 gallons
Authorized Consumption (AC) – Annual Volume	9,402,510 gallons
Distribution System Leakage – Annual Volume TP – AC	218,690 gallons
Distribution System Leakage – Percent DSL = [(TP – AC) / TP] x 100	2.3 %
3-year annual average	5.7 %

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.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

Customers consumed more water than conserved in 2015 due in large part to an early spring and long hot summer. Drought conditions persisted for much of the later half of the year. Early, persistent heat likely forced property owners into watering landscapes more simply to prevent them from dying. The PUD 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.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

While Gardiner consumed more water in 2015 than in the two previous years, its no wonder based on the impacts of the drought and the "blob" of warmer than normal waters that persisted offshore. The unusual warmth and dryness likely led customers to believe they may lose their gardens and landscapes without additional watering. However, regardless of the 2015 weather impacts and increased overall production and usage, the system remains tightened up as the unaccounted for water 3 year average dropped from 7.2% in 2014 to 5.7% in 2015.

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