



Date Submitted: 6/22/2017

## Water Use Efficiency Annual Performance Report - 2016

WS Name: MATS VIEW

Water System ID# : 05536

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: 12/15/2015 To 12/15/2016

Incomplete or missing data for the year? No

If yes, explain:

### Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	1,266,560 gallons
Authorized Consumption (AC) – Annual Volume	1,151,400 gallons
Distribution System Leakage – Annual Volume TP – AC	115,160 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	9.1 %
3-year annual average	12.0 %

### 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.*

### Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

*In 2016, Mats View customers saved nearly 62,000 gallons or used about 5% less as group than in 2015. Mats View has been stable in terms of permanent, year round users for many years. Most properties have significant landscaping with relatively high usage per customer. Relative to the 2011 usage baseline customer goal, water use in 2016 was up for the system by nearly 67,000 gallons. Over the course of planning period conservation measures available to Mats View customers included conservation kits and low flow showerhead giveaways at office and fairs, conservation education billing inserts, web pages and tiered conservation water rates. In the last two years, rebates have been available for clothes washers and showerheads. Of these measures, the tiered rates have been active consistently over the entire rate period while others have been intermittently deployed, mostly during drought. Water conservation goals for Mats View will be re-evaluated when the PUD updates its water system plan in 2018.*

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

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

*Water supply side goal of getting leakage down below 10% made some progress this year compared to 2015 when the annual leakage was over 12%. Because 2014 had a leakage of over 14%, the 3 year rolling average is still over the state leakage standard. PUD crews have however made progress fixing leaks when identified. Deep leaks emerging as seeps in the hillslope are rare and hard to isolate. Theft or unreported fire department usage via hydrants is possible. Crews will continue to be vigilant as to what is causing the difference between production and metered customer usage. In 2018, the water use efficiency goals for both the supply and customer (demand) side will be reviewed when the water system plan is scheduled to be updated.*

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