Water Use Efficiency
Annual Performance Report - 2014

WS Name: WASHINGTON STATE UNIVERSITY  Water System ID# : 93200  WS County: WHITMAN
Report submitted by: Steven Potratz

Meter Installation Information:

Estimate the percentage of metered connections: Less Than 50%
If not fully metered - Current status of meter installation:

3 year plan to install approximately 150 meters to meet compliance requirements by January 2017
Multi-phased project is currently in construction.

Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period: 01/01/2014 To 12/31/2014
Incomplete or missing data for the year? Yes
If yes, explain:

Water use is not fully metered at this time; therefore, “Authorized Consumption” is not inclusive of all water consumed.

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume 473,226,000 gallons
Authorized Consumption (AC) – Annual Volume 473,226,000 gallons
Distribution System Leakage – Annual Volume TP – AC gallons
Distribution System Leakage – Percent DSL = [(TP – AC) / TP] x 100 0.0 %
3-year annual average %

Goal-Setting Information:

Date of Most Recent Public Forum: 06/22/2015 Has goal been changed since last performance report? Yes
Note: Customer goal must be re-established every 6 years through a public process

WUE Goals:

Customer Goal (Demand Side):

WSU’s conservation program is primarily driven by the desire to minimize impacts on water resources, namely the regional aquifer, and to meet regulatory requirements. The official goal is to save 18 million gallons per year at full implementation by the end of the planning period of 2015-2020. As recorded in Table 4-4 of the WSU water system plan, the projected water demand with conservation is (in million gallons/year): 2015=470.07 Milgal/yr; 2016=466.95 Milgal/yr; 2017=464.00 Milgal/yr; 2018=4

Describe Progress in Reaching Goals:
Customer (Demand Side) Goal Progress:

For the reporting period listed above, WSU total water produced was 473.2 million gallons which is 103.45 million gallons less than the established 2012 goal. WSU has made significant progress to meet and exceed the water conservation goal. WSU plans to have the demand side water service meters fully implemented by January 2017; WSU currently has service meters at 60 building locations and multiple irrigation connections. Installation of additional service meters will be implemented in the 2015 reporting period; meters were installed in conjunction with construction projects as they occurred in 2014. Approximately 150 building service meters will be required for the system’s demand side to be fully metered. In 2012, service meters recorded 169.3 MilGal of water usage, which accounts for 36% of water produced.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

WSU strives to locate and repair water system leaks. WSU strives to incorporate water conservation into aspects of many remodel, construction, and maintenance activities throughout the year. WSU actively pursues an effort to minimize water wasting activities such as single-pass cooling. These efforts continually reduce the WSU water usage. WSU continues to be an active participant in commissioning and funding studies of water resource issues through its involvement in the Palouse Basin Aquifer Committee (PBAC).

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