



Date Submitted: 6/30/2014

Water Use Efficiency Annual Performance Report - 2013

WS Name: BELLINGHAM-WATER DIVISION, CITY OF Water System ID# : 05600 WS County: WHATCOM

Report submitted by: *Anitra Accetturo*

Meter Installation Information:

Estimate the percentage of metered connections: *Less Than 50%*

If not fully metered - Current status of meter installation:

The City has approximately 10,183 metered water accounts and 14,372 flat-rate water accounts. The City began implementing mandatory metering June 1, 2012 and is on schedule to be in compliance with the metering mandate of January 22, 2017.

Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period: *01/01/2013 To 12/31/2013*

Incomplete or missing data for the year? *No*

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	3,183,999,632 gallons
Authorized Consumption (AC) – Annual Volume	gallons
Distribution System Leakage – Annual Volume TP – AC	3,183,999,632 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	0.0 %
3-year annual average	%

Goal-Setting Information:

Date of Most Recent Public Forum: _____ 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):

1. Maintain city-wide water consumption at an average of 105 gallons per capita per day (gpcd) for residential use, and 77 gpcd for non-residential use for the next six years. 2. Keep city-wide water demand equal to, or below, city population growth rate for the next six years.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

An estimated 19 million gallons of water was conserved in 2013 directly through the City of Bellingham's Water Conservation Program. The water saving measures that contributed to this savings were the rebate programs and water conservation kits. Summary report of program period is available upon request.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

City staff installed approximately 4,000 water meters on existing single-family residences between mid-June 2012 to December 2013. These customers were switched from a flat-rate to metered billing for water service in January 2014. Outreach continues to both newly metered and to-be-metered water customers as the City continues on schedule for meter installation and billing conversion.

Continuing city-wide leak detection on water mains and abutting water services provides significant water savings and assists staff in its efforts to efficiently and effectively meter all its remaining water customers. These strategies help to minimize supply & demand water loss and waste in the present while also providing a solid foundation for metering implementation and overall water use reductions.

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