



Date Submitted: 6/15/2010

Water Use Efficiency Annual Performance Report - 2009

WS Name: GARFIELD WATER DEPARTMENT

Water System ID# :27200

WS County: WHITMAN

Report submitted by: *David Ulrick*

Meter Installation Information:

Is your water system fully metered? *No*

If not fully metered - Current status of meter installation:

There are only 2 remaining unmetered services in town which will be metered by the end of 2010.

Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period: *01/01/2009* To *12/31/2009*

Incomplete or missing data for the year? *No*

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	<i>49,138,200</i> gallons
Authorized Consumption (AC) – Annual Volume	<i>38,628,785</i> gallons
Distribution System Leakage – Annual Volume TP – AC	<i>10,509,415</i> gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	<i>21.4</i> %
3-year annual average	<i>%</i>

Goal-Setting Information:

Date of Most Recent Public Forum: *10/28/2009* 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):

- Disseminate water conservation information to residents through the annual consumer confidence report and the town website. - Reduce average per capita water use by 5 gallons per day within 6 years.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

- Previously unmetered services have been metered, increasing the recorded water usage while reducing unaccounted for water usage. - An annual schedule has been adopted for replacing existing, older (and often inaccurate) meters with new meters. With time, this active and ongoing meter replacement schedule, will show a reduction in this unaccounted for usage.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

- The town is taking a very pro-active approach to quickly identifying and repairing any water system leaks. - The town is actively involved in reducing customer water usage by addressing questions regarding high water usage on their bills and determining if leaks were present, or if consumer usage patterns have changed. - With the town's efforts metering previously unmetered services and replacement of older meters, a 15% reduction in unaccounted for water occurred between 2008 (36%) and 2009 (21%).

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