



Date Submitted: 6/28/2011

Water Use Efficiency Annual Performance Report - 2010

WS Name: GARDINER LUD 1

Water System ID# : 07877

WS County: JEFFERSON

Report submitted by: *William Graham*

Meter Installation Information:

Is your water system fully metered? Yes

If not fully metered - Current status of meter installation:

Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period: 01/01/2010 To 12/31/2010

Incomplete or missing data for the year? No

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	9,318,700 gallons
Authorized Consumption (AC) – Annual Volume	9,068,152 gallons
Distribution System Leakage – Annual Volume TP – AC	250,548 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	2.7 %
3-year annual average	8.5 %

Goal-Setting Information:

Date of Most Recent Public Forum: 12/15/2010 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):

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:

Gardiner experienced a drop in demand of nearly 1.9 million gallons or a drop of 21% in 2010 compared to the previous year. This large decrease was, in part, due to cool summer weather.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

Demand Side

Currently we are offering outdoor and indoor conservation kits at the office and at local fairs. Annually we submit a conservation flier with helpful tips and topical water resource information. As of 2004 we have provided detailed water use information on customer bills each month to better inform customers of their water usage.

Supply Side

1) Get all systems under the state 10% leakage standard, and 2) Improve backwash, flushing and fire hydrant accounting. Both of these can be measured via the leakage value. Backwash, flushing and fire hydrant accounting when tabulated will lower leakage and help JPUD get below the state leakage standard (10% or lower).

Gardiner is an aging system and has had issues with leaks in recent years. More are to be expected in the future. We have improved our leak detection capabilities significantly in recent years and will be monitoring the system to fix leaks as they arise.

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