



Date Submitted: 6/30/2011

Water Use Efficiency Annual Performance Report - 2010

WS Name: GLENHAVEN LAKES CLUB

Water System ID# : 28050

WS County: WHATCOM

Report submitted by: Steve Grieser

Meter Installation Information:

Is your water system fully metered? No

If not fully metered - Current status of meter installation:

Current meters are old manual read meters and the associated software is non-functional. New radio read meters and new software will be installed in 2011.

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? Yes

If yes, explain:

We only have accurate data for total water produced. The software program for the service meter data is non-functional therefore we do not have accurate consumption data.

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	46,025,619 gallons
Authorized Consumption (AC) – Annual Volume	gallons
Distribution System Leakage – Annual Volume TP – AC	46,025,619 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):

Glenhaven has not established WUE goals at this time. We plan to complete meter installation during the summer of 2011. After accumulating consumption data for several months, we will hold a public forum and establish WUE goals in time for the 2012 WUE annual report.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

Glenhaven currently has a flat rate for water use. Once the new meter installation is complete and we are able to get reliable consumption data, our plan is to adopt a rate structure which will encourage conservation as well as provide financial stability. Currently we use our website and quarterly newsletter to provide educational water conservation information.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

Much of Glenhaven's water distribution system is over forty years old. Leakage and pipe breaks are ongoing problems. To address these issues, in 2007 Glenhaven contracted with Wilson Engineering to develop a Distribution Leakage Reduction Strategy. Pipe composition, size, age, location and pressures were evaluated to identify areas of greatest leak potential and to prioritize pipe replacement projects. Since the report was completed we have completed prioritized pipe replacement projects annually. In 2008 a professional leak detection survey was completed. Twelve leaks were identified and subsequently repaired. Since 2009, with guidance from the Rural Community Assistance Corporation, we have worked on a complete financial analysis of the Glenhaven water system including a reserve study and a rate study. The information acquired from this analysis, in addition to the consumption data the new meters and software will provide, will allow Glenhaven to successfully develop WUE goals and evaluate our progress toward achieving these goals.

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