



Date Submitted: 3/8/2011

Water Use Efficiency Annual Performance Report - 2010

WS Name: PANORAMIC HEIGHTS

Water System ID# : 02890

WS County: CLALLAM

Report submitted by: MICHAEL KITZ

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	1,204,280 gallons
Authorized Consumption (AC) – Annual Volume	735,471 gallons
Distribution System Leakage – Annual Volume TP – AC	468,809 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	38.9 %
3-year annual average	34.6 %

Goal-Setting Information:

Date of Most Recent Public Forum: 10/18/2010 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):

Reduce annual ERU water consumption by a minimum of 1% within 6 years.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

The current trend for ERU water consumption for this system is as follows: 2007 = 130.5 gd/ERU - day 2008 = 129.3 gd/ERU - day 2009 = 116.3 gd/ERU - day 2010 = 118.5 GD/ERU - day

Additional Information Regarding Supply and Demand Side WUE Efforts

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

Replaced all 17 residential meters (no commercial connections in system), determined reservoir is leaking, taking steps to temporarily by-pass and repair it. Working toward implementing a GIS asset management program. Working with Clallam County on a conservation education grant by providing all customers with educational materials on various water conservation measures. Continuing annual leak detection surveys, water system audits and system repairs. Improved tracking of mainline flushing; inc. new construction, fire district use, backwash in treatment facilities. Better tracking of water use at well station. Levy new inclined-block water rates. Provide customers information on bills about individual water use.

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