



Date Submitted: 3/7/2011

Water Use Efficiency Annual Performance Report - 2010

WS Name: CARLSBORG LUD 10 12 13 14

Water System ID# : 00307

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	24,257,640 gallons
Authorized Consumption (AC) – Annual Volume	23,220,912 gallons
Distribution System Leakage – Annual Volume TP – AC	1,036,728 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	4.3 %
3-year annual average	7.5 %

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 ERI 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 water system is as follows: 2007 = 161.5 gd/ERU - day 2008 = 150.3 gd/ERU - day 2009 = 163.8 gd/ERU - day 2010 = 164 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:

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 measurers. 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. Completed a high-efficiency showerhead give-away program in July thru Sept. 2010. Showerheads were given to 4.3% of homes within this water system. 13 showerheads x 3,700 gal = 48,100 gal/yr saved water. Better tracking of water use at treatment plants and well stations. Levy new inclined-block water rates. Provide customers information on bills about individual water use.

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