



Date Submitted: 6/4/2013

Water Use Efficiency Annual Performance Report - 2012

WS Name: CARSON

Water System ID# : 11340

WS County: SKAMANIA

Report submitted by: Tom Vance

Meter Installation Information:

Estimate the percentage of metered connections: 100%

If not fully metered - Current status of meter installation:

Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period: 12/31/2011 To 12/31/2012

Incomplete or missing data for the year? No

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	127,179,268 gallons
Authorized Consumption (AC) – Annual Volume	82,925,531 gallons
Distribution System Leakage – Annual Volume TP – AC	44,253,737 gallons
Distribution System Leakage – Percent DSL = [(TP – AC) / TP] x 100	34.8 %
3-year annual average	29.2 %

Goal-Setting Information:

Date of Most Recent Public Forum: 05/16/2011 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):

2% Reduction in Customer Peak day demand by 2017

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

2012 we saved 15,926,380 gallons from 2011, 16% mainly from increase in conservation rates. We have also offered low flow shower heads in the past. And have conservation tips in our newsletters. In 2013 we have been doing leak detection aggressively. With customer usage down that makes it even harder to get the percentage lower.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

- 1) *Production Meter Calibration*
- 2) *Construction Flushing*
- 3) *Fire Hydrant Use and Fire Fighting use*
- 4) *Leak Detection Program/Meter Replacement*
- 5) *Accounting and Billing Evaluation*

Carson Water system has adopted by Resolution (#2386) a Fire Hydrant Use Policy in which rates were set for authorized use of a hydrant and a fine of \$350 was set for unauthorized connection to a hydrant. A simple form will be created and given to the Carson Fire Department for Hydrant use for fire fighting and training use by the department. This will be returned to Carson Water System staff.

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