



Date Submitted: 6/4/2013

Water Use Efficiency Annual Performance Report - 2012

WS Name: UNDERWOOD

Water System ID# : 90200

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	62,378,540 gallons
Authorized Consumption (AC) – Annual Volume	33,559,574 gallons
Distribution System Leakage – Annual Volume TP – AC	28,818,966 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	46.2 %
3-year annual average	48.5 %

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):

Goal setting public forum has not been set at this time, plans are in place to complete this in the summer of 2012.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

Underwood Water System completed Leak Detection in the Fall of 2012, repairing several leaks. Our November, December 2012 DSL was 7,013,008 Gallons. Our DSL for January, Feb. 2013 was 927,188 gallons saving 6,085,820 gallons.

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*

Underwood 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 Underwood Fire Department for Hydrant use for fire fighting and training use by the department. This will be returned to Underwood Water System staff.

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