Washington State Department of Health
Division of Environmental Health
Office of Drinking Water

Date Submitted: 9/24/201

Water Use Efficiency
Annual Performance Report - 2011

WS Name: NORTH BONNEVILLE, CITY OF Water System ID# : 60150 WS County: SKAMANIA

Report submitted by: *John Spencer*

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: *01/01/2011* To *12/31/2011*

Incomplete or missing data for the year? *No*

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	*67,680,700* gallons
Authorized Consumption (AC) – Annual Volume	*42,434,074* gallons
Distribution System Leakage – Annual Volume TP – AC	*25,246,626* gallons
Distribution System Leakage – Percent DSL = [(TP – AC) / TP] x 100	*37.3 %*
3-year annual average	*34.1 %*

Goal-Setting Information:

Date of Most Recent Public Forum: *11/09/2010* 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):

First, the City will reduce the amount of lost and unaccounted for water. Reduction will be accomplished with leak detection, source meter calibration, and irrigation education. This approach is effective in reducing the overall source production requirement without affecting the customers' water usage patterns.
Second, the City will promote water conservation to reduce water consumption by its customers. In 2011 we increased our rates from $1.25 per 100 CF to $1.66 per 100 CF.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

City employees installed a new meter on the discharge line from the well house to determine the accuracy of the source meter in late 2011. From this test, the existing source meter appears to be over-reading the production of the well by 4.86 percent.
The water rate ordinance calls for an increase in the consumption charge by the CPI each year.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

As noted, we have already discovered that the source meter is not reading accurately. We are now in the process of conducting a leak-detection survey. We also replace any consumption meters that appear to be failing.

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