



Date Submitted: 6/5/2015

## Water Use Efficiency Annual Performance Report - 2014

WS Name: CAMAS MUNICIPAL WATER SEWER      Water System ID# : 10800      WS County: CLARK

Report submitted by: Mike Stevens

### 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: 01/01/2014 To 12/31/2014

Incomplete or missing data for the year? No

If yes, explain:

### Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	1,444,971,300 gallons
Authorized Consumption (AC) – Annual Volume	1,317,954,127 gallons
Distribution System Leakage – Annual Volume TP – AC	127,017,173 gallons
Distribution System Leakage – Percent DSL = [(TP – AC) / TP] x 100	8.8 %
3-year annual average	8.7 %

### Goal-Setting Information:

Date of Most Recent Public Forum: 07/24/2013 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):

*Continue to reduce customer consumption per ERU by 1 percent or approximately 2 gpd per year for the next 3 years. Continue to reduce DSL to at or below 10% for the next 3 years.*

### Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

*Distribution system leakage for 2014 was 8.8%, the 3 year rolling average being 8.62%. The consumption per ERU was 235 gals/day, this is a 5 gal/day reduction from 2013. This equates to around 13 MG/year water reduction. The City distributes water conservation devices at some of its annual events and we have tips on saving water on City web site. The Commercial/Industrial users water usage was down about 4% from 2013. Irrigation usage was up at 14% due to new home construction and large arterial street construction projects with lots of landscaping.*

## **Additional Information Regarding Supply and Demand Side WUE Efforts**

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

*In 2014 we maintained DSL to at or below 10% loss. The City has just started working on a new "Water System Comp Plan", in this plan we are looking at replacing old reservoirs which are known to have leakage. The City has set a goal to have all water meters replaced within 3 years to a new Neptune enhanced R900i radio read meter. These new meters will allow us to data log usage with tools to notify customers about continuous leaks or high consumption. The City of Camas consumer confidence report and City web site has information and tips for water savings along with links to web sites on water conservation tips. In 2014 we worked with two homeowner associations to review their current irrigation systems. The outcome from this was changing sprinkler heads to drip irrigation or revising existing sprinkler heads so they were not watering concrete or pavement. We continue to annually perform leak detection on our distribution system. When working on the City's annual budget, money is allocated for replacement of old distribution system piping. All of these action items lead to a tighter system which means the utility becomes more efficient with less pumping costs. These savings help the rate payer along with saving our precious resource "H2O".*

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