



Date Submitted: 5/30/2017

## Water Use Efficiency Annual Performance Report - 2016

WS Name: KALAMA, CITY OF

Water System ID# : 37550

WS County: COWLITZ

Report submitted by: Kelly Rasmussen

### 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: 01/01/2016 To 12/31/2016

Incomplete or missing data for the year? Yes

If yes, explain:

*A problem in the signal from our finished water total production to our HMI and PLC tabulated a erroneous number for total water produced therefore providing a false number below for the Distribution Leakage Summary. Programmers found the glitch in March 2017 and fixed the signal reading.*

### Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	338,961,000 gallons
Authorized Consumption (AC) – Annual Volume	279,076,338 gallons
Distribution System Leakage – Annual Volume TP – AC	59,884,662 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	17.7 %
3-year annual average	13.7 %

### Goal-Setting Information:

Date of Most Recent Public Forum: 05/18/2016 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):

*.05% reduction/year by 2015*

### Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

*The City has reduced water consumption buy implementing a conservation rate structure. The City also sends conservation notes and facts on customers water bills. Our Consumer Confidence Report is another great tool to get the word out to the end user about conservation and water loss.*