



Date Submitted: 5/2/2018

Water Use Efficiency Annual Performance Report - 2017

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: 04/01/2017 To 04/30/2018

Incomplete or missing data for the year? Yes

If yes, explain:

The HMI at the water treatment facility was not computing the 4-20 mv signal from the finished water MAG meter correctly from January- March 2017 and was giving a erroneous value for water produced. We caught it in March of 2017 and had our contracted programmers fix the issue.

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	325,302,000 gallons
Authorized Consumption (AC) – Annual Volume	281,009,000 gallons
Distribution System Leakage – Annual Volume TP – AC	44,293,000 gallons
Distribution System Leakage – Percent DSL = [(TP – AC) / TP] x 100	13.6 %
3-year annual average	13.4 %

Goal-Setting Information:

Date of Most Recent Public Forum: 02/07/2018 Has goal been changed since last performance report? Yes

Note: Customer goal must be re-established every 6 years through a public process

WUE Goals:

Customer Goal (Demand Side):

.05% reduction/year by 2024

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

The City has reduced water consumption by 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 users about conservation and water loss.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

The City has a goal of reducing leakage to under 10% and is actively upgrading out lived piping to try and meet the .05% reduction / year.

The City only irrigates parks early morning hours and for limited times.

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