



Date Submitted: 5/18/2018

Water Use Efficiency Annual Performance Report - 2017

WS Name: PARKLAND LIGHT & WATER COMPANY Water System ID# : 66200 WS County: PIERCE

Report submitted by: Susan Cutrell

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: 01/01/2017 To 12/31/2017

Incomplete or missing data for the year? No

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	1,096,835,036 gallons
Authorized Consumption (AC) – Annual Volume	1,039,326,552 gallons
Distribution System Leakage – Annual Volume TP – AC	57,508,484 gallons
Distribution System Leakage – Percent DSL = [(TP – AC) / TP] x 100	5.2 %
3-year annual average	7.5 %

Goal-Setting Information:

Date of Most Recent Public Forum: 01/17/2013 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):

Our goal through conservation measures is to limit the previous 1% growth, over a rolling six year period as a measure of units of water per meter (previously 199 units per meter) to a .5% growth in sales to a six year rolling average of 198 units per meter in spite of a 1% growth in the number of meters.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

Using inverted block rates, water sprinkler gauges, conservation education through publications and through distributing toilet leak detection kits, Parkland Light & Water Company experienced a drop to 164.65 units per year per meter, well below our target of 198 units per meter as set in our demand side plan. This figure represents a savings of 195 million gallons for this system below our targeted amount over the six year period.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

The average water loss for 2017 was 5.24%, this reaches our goal to reduce our yearly average water loss to less than 10%, this also reaches our goal of achieving a 3-year average of less than 10% water loss. In 2017 we continued to search for any additional leaks and repaired any if found in a timely manner.