



Date Submitted: 6/15/2018

Water Use Efficiency Annual Performance Report - 2017

WS Name: DOCKTON WATER ASSOCIATION

Water System ID# : 19550

WS County: KING

Report submitted by: *David Stoltz*

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	<i>23,447,200</i> gallons
Authorized Consumption (AC) – Annual Volume	<i>20,399,035</i> gallons
Distribution System Leakage – Annual Volume TP – AC	<i>3,048,165</i> gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	<i>13.0 %</i>
3-year annual average	<i>14.6 %</i>

Goal-Setting Information:

Date of Most Recent Public Forum: *07/22/2013* 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):

Reduce average annual usage per active customer to less than 6,600 cubic feet by 2016.

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

We respond proactively to excess usage suggesting leaks on the customer side. two to six leaks are detected and repaired each year. We replace old and/or leaking meters promptly. We had been losing water to overflows from faulty pressure reduction valves, which we have replaced.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

We have an old system with many smaller undersized and leaking mains. Some are even electrical conduit. We are steadily replacing these lines each year as part of a system replacement program which is funded by annual depreciation payments from water sales and a capital charge.

We have five leak detection stations where we can monitor for leaks in different parts of the system by nighttime visits and bypass plumbing and metering valves. If we find a leak we ask technicians with sound sensitive equipment to listen over that part of the system. We sometimes find leaks and repair them.

We are also more carefully monitoring water use not sold through our meters by metering flushing events and pre-testing usage.

On the demand side, we offer leak credits to customers who promptly repair leaks we identify during meter reading.

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