



Date Submitted: 5/11/2021

## Water Use Efficiency Annual Performance Report - 2020

WS Name: DOCKTON WATER ASSOCIATION

Water System ID# : 19550                      WS County: KING

Report submitted by: *Dave Stoltz*

### Meter Installation Information:

Estimate the percentage of metered connections:    *100%*

If not 100% metered – Did you submit a meter installation plan to DOH?    *No*

Within your meter installation plan, what date did you commit to completing meter installation?

Current status of meter installation:

### Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period            *01/01/2020* To *12/31/2020*

Incomplete or missing data for the year?    *No*

If yes, explain:

<b>Total Water Produced &amp; Purchased (TP)</b> – Annual volume gallons	23,669,988 gallons	
<b>Authorized Consumption (AC)</b> – Annual Volume in gallons	21,723,654 gallons	
Distribution System Leakage – Annual Volume TP – AC	1,946,334 gallons	
Distribution System Leakage – DSL = [(TP – AC) / TP] x 100 %	8.2 %	
3-year annual average - %	7.6 %	<i>2018, 2019, 2020</i>

### Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal:    *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.*

### Customer WUE Goal (Demand Side):

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

### Customer (Demand Side) Goal Progress:

we respond to excess usage suggesting leaks on the customer side. two to six leaks are detected and repaired each year. we offer leak credits to customers that fix leaks right away that helps in water loss. We have a great little community here that is generally water consciences about water use.

## Additional Information Regarding Supply and Demand Side WUE Efforts

*We have reduced water loss for the last three years in a row below the 10% threshold with the implementation of the hydrant meter and installing meters at source locations the meter replacement program and installing new mains.*

## Describe Progress in Reaching Goals:

- Estimate how much water you saved.
- Report progress toward meeting goals within your established timeframe.
- Identify any WUE measures you are currently implementing.
- If you established a goal to maintain a historic level (such as maintaining daily consumption at 65 gallons per person per day for the next two years) you must explain why you are unable to reduce water use below that level.

The following questions will help DOH better understand water usage, water resources management and drought response. The data will be used to provide technical assistance, not for regulatory purposes.

## All questions are voluntary

Month	Date of Measurement	Static Water Level (feet below measuring point)	Dynamic Water Level (feet below measuring point)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

**Water level data:**

Please provide the following information (if known) to help us better utilize the water level data.

Well tag Id number:

Well depth:

Water level accuracy (within 0.01 ft < 1 ft ~ 1 ft)

Completion type (e.g., cased open interval, cased open-ended, cased open-ended with perforations, etc...)

Location coordinates (latitude, longitude) and accuracy of the coordinates (< 1ft, ~1ft, >1000ft)

Water level parameter name (e.g. depth below measuring point, depth below top of casing, depth below ground surface)

Elevation of top of casing OR elevation of measuring point if different than top of casing (as specified in question 7)

**Monthly/Seasonal Water Usage:**

What was your maximum daily water demand for the previous year (in gallons per day)? 95,000

Month	Volume of Water Produced in gallons
January	1,484,100
February	1,355,100
March	1,633,700
April	1,912,500
May	1,996,400
June	2,540,600
July	2,565,900
August	2,845,500
September	2,613,500
October	1,590,700
November	1,487,800
December	1,314,800

**Water shortage response:**

Did you activate any level of water shortage response plan the previous year?

- Yes       No       There was no need to

If you activated a water shortage response plan the previous year, what level did you activate? (Check all that apply)

- Advisory Conservation       Voluntary Conservation  
 Mandatory Conservation       Rationing       Other

What factors caused your water shortage the previous year?

- Drought       Fire       Landslides       Earthquakes  
 Flooding       Water Supply Limitations       Other

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