



Date Submitted: 6/22/2021

Water Use Efficiency Annual Performance Report - 2020

WS Name: RIDGEFIELD PUBLIC WORKS

Water System ID# : 72400 WS County: CLARK

Report submitted by: *Lisa Blake*

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:

Total Water Produced & Purchased (TP) – Annual volume gallons	<i>411,864,000</i> gallons	
Authorized Consumption (AC) – Annual Volume in gallons	<i>374,208,277</i> gallons	
Distribution System Leakage – Annual Volume TP – AC	<i>37,655,723</i> gallons	
Distribution System Leakage – DSL = [(TP – AC) / TP] x 100 %	<i>9.1 %</i>	
3-year annual average - %	<i>7.6 %</i>	<i>2018, 2019, 2020</i>

Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: *10/27/2016*

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):

The goal is to reduce average consumption to 191 gallons per day per ERU by 2022 and maintain distribution system leakage and loss below 10-percent.

Customer (Demand Side) Goal Progress:

In 2020, water consumption was 216 gallons per day per ERU compared to 217 gallons per day per ERU in 2019. We are working towards our goal of 191 gallons per day per ERU by 2022. The City continues to promote conservation rate structure and encourages conservation measures and smart irrigation usage to work toward meeting our demand goals.

Additional Information Regarding Supply and Demand Side WUE Efforts

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	06/29/2020		87.7
July	07/31/2020		94.1
August			
September	09/16/2020		93.6
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: APP678

Well depth: 135.0

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

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

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

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

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

Monthly/Seasonal Water Usage:

What was your maximum daily water demand for the previous year (in gallons per day)? 2,303,000

Month	Volume of Water Produced in gallons
January	18,361,000
February	17,837,000
March	20,202,000
April	25,331,000
May	30,395,000
June	38,080,000
July	57,089,000
August	67,481,000
September	51,276,000
October	28,470,000
November	21,110,000
December	21,831,000

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