



Date Submitted: 6/22/2021

## Water Use Efficiency Annual Performance Report - 2020

WS Name: CAMANO VISTA WATER DISTRICT

Water System ID# : 10748                      WS County: ISLAND

Report submitted by: *Kelly Wynn*

### 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	8,691,876 gallons
<b>Authorized Consumption (AC)</b> – Annual Volume in gallons	8,170,502 gallons
Distribution System Leakage – Annual Volume TP – AC	521,374 gallons
Distribution System Leakage – DSL = [(TP – AC) / TP] x 100 %	6.0 %
3-year annual average - %	5.8 %                      2018, 2019, 2020

### Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: 08/14/2019

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):

*Goal for last and this year is to reduce average per home use per day to a 120+ gallon range, District is using increased public meetings and printed material to educate customers regarding increased rate charges and resource conservation goals. There is draft Resolution with multiple demand side billing changes proposed.*

### Customer (Demand Side) Goal Progress:

Consumption was reduced by 3% from 2019 to 2020. GPD per consumer has decreased from 129 GPD in 2019 to 125 GPD in 2020. This is getting closer to the goal set in 2019.

## Additional Information Regarding Supply and Demand Side WUE Efforts

*We continue to educate consumers on water conservation via our newsletter that is sent out with each billing. By this continued education and having a tiered rate billing schedule, consumption declined in 2020. Rates will continually be looked at by the District to possibly implement upgrades to build a more efficient system.*

## 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.

*We will continue to monitor for leaks and repair when needed.*

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:        AAF245

Well depth:                244.0

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)?

Month	Volume of Water Produced in gallons
January	742,200
February	803,000
March	844,100
April	739,900
May	564,143
June	444,133
July	940,700
August	924,200
September	715,800
October	649,600
November	640,900
December	683,200

**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**