



Date Submitted: 1/4/2022

Water Use Efficiency Annual Performance Report - 2021

WS Name: CAMANO WATER ASSOCIATION

Water System ID# : 10750 WS County: ISLAND

Report submitted by: *Andrew Turner*

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 *01/01/2021 To 12/31/2021*

Incomplete or missing data for the year? *No*

If yes, explain:

Total Water Produced & Purchased (TP) – Annual volume gallons	<i>56,082,582</i> gallons	
Authorized Consumption (AC) – Annual Volume in gallons	<i>55,300,608</i> gallons	
Distribution System Leakage – Annual Volume TP – AC	<i>781,974</i> gallons	
Distribution System Leakage – DSL = [(TP – AC) / TP] x 100 %	<i>1.4 %</i>	
3-year annual average - %	<i>3.5 %</i>	<i>2019, 2020, 2021</i>

Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: *05/14/2021*

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):

To reduce the single family sales by an average of 5% per year for the next five years. Due to the pandemic situation in 2020, CWA was not able to hold a public forum, or fully reach the goal we had set previously. When we held our recent public forum in May of 2021, it was proposed that the goal remain unchanged for the next several years. All individuals present at the meeting agreed that this seemed an appropriate action.

Customer (Demand Side) Goal Progress:

After our public forum in 2021, it was agreed upon that we should extend our previous goal several years into the future.

Additional Information Regarding Supply and Demand Side WUE Efforts

In its continuing efforts to conserve water, CWA began a project in 2013 to systematically replace old pipes throughout its service area. Since the project began, CWA has replaced 5400 LF of old pipe with new 6' HDPE pipe. In October of 2018, CWA began replacing another 5100 LF of old pipe. The project reached completion at the end of April, 2019. We have several more pipe replacement projects we intend to embark on in the coming years to further aid in our conservation 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.

Having upgraded our treatment facilities over the last couple of years, and with our pipe replacement program ongoing, we are expecting to see our water conservation efforts improve as we move into the future.

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)?

Month	Volume of Water Produced in gallons
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

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