Washington State Department of Health
Division of Environmental Health
Office of Drinking Water

Date Submitted: 6/26/2020

Water Use Efficiency
Annual Performance Report - 2019

WS Name: COUPEVILLE TOWN OF

Water System ID# : 15550 WS County: ISLAND

Report submitted by: *Joseph Grogan*

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 *01/01/2019* To *12/31/2019*

Incomplete or missing data for the year? *No*

If yes, explain:

Total Water Produced & Purchased (TP) – Annual volume gallons	*86,471,239*	gallons	
Authorized Consumption (AC) – Annual Volume in gallons	*73,109,130*	gallons	
Distribution System Leakage – Annual Volume TP – AC	*13,362,109*	gallons	
Distribution System Leakage – DSL = [(TP – AC) / TP] x 100 %	*15.5 %*		
3-year annual average - %	*16.3 %*		*2017, 2018, 2019*

Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: *11/22/2016*

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 water effceicency goal established in previous water system plans is not to exceed a maximum day demand of 474 gallons per day per ERU. Periodically, water usage in selected single family homes representative of the Town's customers is monitored daily during warm, dry weather. Since summer weather patterns establish suitable periods for monitoring, yearly data is not meaningful. Currently monitoring will occur every three to four years and may include several monitoring days over a summer.

Customer (Demand Side) Goal Progress:

The water effceicency goal established in previous water system plans is not to exceed a maximum
day demand of 474 gallons per day per ERU. Periodically, water usage in selected single family homes representative of the Town's customers is monitored daily during warm, dry weather. Since
summer weather patterns establish suitable periods for monitoring, yearly data is not meaningful. Currently monitoring will occur every three to four years and may include several monitoring days
over a summer

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			
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