



Date Submitted: 1/16/2025

Water Use Efficiency Annual Performance Report - 2024

WS Name: CRYSTAL RIVER RANCH ASSOC
 Water System ID#: 16480 WS County: PIERCE
 Report submitted by: *Jake Payne*

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 *01/01/2024 To 12/31/2024*
 Incomplete or missing data for the year? *No*
 If yes, explain:

Total Water Produced & Purchased (TP) – Annual volume gallons	6,517,884 gallons	
Authorized Consumption (AC) – Annual Volume in gallons	6,441,609 gallons	
Distribution System Leakage – Annual Volume TP – AC	76,275 gallons	
Distribution System Leakage – DSL = [(TP – AC) / TP] x 100 %	1.2 %	
3-year annual average - %	1.4 %	<i>2022, 2023, 2024</i>

Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: *05/21/2022*
 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):

A) Maintain historic levels B) Reduce leaks to less than 10% loss in 3 years - having meters will greatly improve leak detection. C) Work towards implementing a fee for gallons used per connection. D) Start a monthly notification process of informing members of the amount of water they use.

Customer (Demand Side) Goal Progress:

We now have a water program called Quickwater that sends out monthly detailed water use reports to every member in our water system. Offer our consumers low flow shower heads and educate on water conservation practices.

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.

Our consumers receiving monthly usage reports has lowered our usage numbers. Continue to educate our consumers on how much water they are using and respond to any leaks promptly.

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	01/01/2024	38.6	
February	02/01/2024	35.1	
March	03/01/2024	33.9	
April	04/01/2024	34.3	
May	05/01/2024	33.9	
June	06/01/2024	33.1	
July	07/01/2024	33.9	
August	08/01/2024	37.8	
September	09/01/2024	40.7	
October	10/01/2024	41.5	
November	11/01/2024	41.9	
December	12/01/2024	41.7	

Water level data:

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

Well tag Id number: AFK826

Well depth: 283.0

Water level accuracy (within 0.01 ft < 1 ft ~ 1 ft) 0.01ft < 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)? 93,021

Month	Volume of Water Produced in gallons
January	792,783
February	411,318
March	408,700
April	287,037
May	326,651
June	473,245
July	1,117,878
August	968,136
September	611,707
October	355,060
November	315,686
December	449,683

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