



Date Submitted: 6/29/2025

Water Use Efficiency Annual Performance Report - 2024

WS Name: MATS VIEW

Water System ID# : 05536

WS County: JEFFERSON

Report submitted by: *William Graham*

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 02/07/2024 To 01/06/2025

Incomplete or missing data for the year? No

If yes, explain:

Total Water Produced & Purchased (TP) – Annual volume gallons	1,646,580 gallons	
Authorized Consumption (AC) – Annual Volume in gallons	1,589,210 gallons	
Distribution System Leakage – Annual Volume TP – AC	57,370 gallons	
Distribution System Leakage – DSL = [(TP – AC) / TP] x 100 %	3.5 %	
3-year annual average - %	7.2 %	2022, 2023, 2024

Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: 09/23/2020

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):

Demand Side Goal approved by the BOC in the 2020-2025 Water Use Efficiency Program is: 1. Maintain gallons per day per connection at 3-year mean average. (2017 – 2019) of 179 gpd. Goals were based on single family home use.

Customer (Demand Side) Goal Progress:

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Mats View water customers used 167 gallons/day in 2024 saving 4,380 gallons annually per customer against the goal. This is significant savings at a system that recently had the PUD's highest average water user. Well done!

Other Conservation Efforts:

The 4-tier water conservation rate structure remains in place as an incentive for customers to conserve water. Billing statements graph annual usage by month allowing the customer to track and compare monthly usage and sometimes identify leaks. Monthly utility newsletters occasionally include water articles. Rebates are available for customers who have purchased new energy and water efficient clothes washers. Information on how to apply can be found at <https://www.jeffpud.org/additional-rebates/>.

Additional Information Regarding Supply and Demand Side WUE Efforts

---see descriptions above---

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.

Supply side Goal Progress:

The PUD pumped over 100,000 gallons over its production goal in 2024 even though it stayed comfortably below the state's 3 year average distribution system leakage mandate of 10% by leaking only 3.5% with a 7.2% 3-year average. 2024 represented significant supply-side progress in getting leakage down as it was 10% in 2023.

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	114.2	
February	02/01/2024	107.8	
March	03/01/2024	105.8	
April	04/01/2024	112.2	
May	05/01/2024	105.3	
June	06/01/2024	117.3	180.2
July	07/01/2024	128.7	
August	08/01/2024	139.4	
September	09/09/2024	132.6	
October	10/06/2024	113.2	
November	11/07/2024	106.3	
December	12/01/2024	113.8	

Water level data:

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

Well tag Id number: BAC253

Well depth: 192.0

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

Completion type (e.g., cased open interval, cased open-ended, cased open-ended with perforations, etc...) Cased, open interval, no perforations, screened.

Location coordinates (latitude, longitude) and accuracy of the coordinates (< 1ft, ~1ft, >1000ft) 47.953, -122.699 (~ 10 ft)

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

Elevation of top of casing OR elevation of measuring point if different than top of casing (as specified in question 7) 206 ft

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	103,650
February	78,370
March	97,520
April	109,900
May	125,390
June	169,820
July	299,610
August	268,320
September	99,670
October	114,160
November	64,880
December	115,290

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