



Date Submitted: 6/4/2025

Water Use Efficiency Annual Performance Report - 2024

WS Name: ROOSEVELT LAKE RANCH

Water System ID# : 47283

WS County: LINCOLN

Report submitted by: Kathleen Strozyk

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:

N/A

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:

N/A

Total Water Produced & Purchased (TP) – Annual volume gallons

56,454,600 gallons

Authorized Consumption (AC) – Annual Volume in gallons

55,402,350 gallons

Distribution System Leakage – Annual Volume TP – AC

1,052,250 gallons

Distribution System Leakage – DSL = $[(TP - AC) / TP] \times 100 \%$

1.9 %

3-year annual average - %

2.2 %

2022, 2023, 2024

Goal-Setting Information:

Enter the date of most recent public forum to establish WUE goal: 08/05/2023

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):

At the 2023 annual water meeting it was announced that the overages fee would be increasing. In an attempt to comply with the Water Use Efficiency Rule, and the State's Municipal water Law the RLRWS board of directors has a new goal of 100% back flow prevention on all hook ups or lock out of water service till backflow installed by 2025. Overall decrease in over-consumption. The board doubled the tiered overage fees to stimulate less water usage. Respond by phone or shut off to consumer leaks with in 24 hours for any known consumer side leaks till repairs can be made.

Customer (Demand Side) Goal Progress:

Currently RLRWS has meet all of the previous goals. We are at 99.8% metered connections. 1 final lot to connect, which is expected to be resolved shortly. All hook ups are charged for actual consumption through radio read meters and billing software.

Additional Information Regarding Supply and Demand Side WUE Efforts

New SCADA has been installed with wi-fi capabilities to increase alarm notification for pressure changes or pump faults. Old line and steel line replacement is in progress with a goal of total replacement by 2030.

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 area is growing with more hookups and users which gives us more eyes and quicker notice to any water leaks. We have had far less main line breaks due to the infrastructure improvements.

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	05/07/2024	158.2	175.8
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: SO3 Wellfield (SO!= ABS-0

Well depth: 319.0

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

Completion type (e.g., cased open interval, cased open-ended, cased open-ended with perforations, etc...) cased

Location coordinates (latitude, longitude) and accuracy of the coordinates (< 1ft, ~1ft, >1000ft) 47.49.44N, 118.25.20W

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

Elevation of top of casing OR elevation of measuring point if different than top of casing (as specified in question 7) 1472 (height above mean sea level)

Monthly/Seasonal Water Usage:

What was your maximum daily water demand for the previous year (in gallons per day)? 542,700

Month	Volume of Water Produced in gallons
January	1,394,000
February	772,200
March	712,300
April	2,192,500
May	6,068,400
June	8,577,900
July	12,338,800
August	12,053,300
September	7,976,100
October	2,877,800
November	773,600
December	717,700

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