Operations Report: Otter Rock September 2025

Base Operations

Sep. preview: Spring flow – August 18

Source	Flow rate gpm
Spring 1 flow rate	22
Spring 2 flow rate	20
Spring 3 flow rate	27
Reservoir overflow rate	32

Oct. preview: Spring flow – Sep 19

Source	Flow rate gpm
Spring 1 flow rate	20
Spring 2 flow rate	12
Spring 3 flow rate	28
Reservoir overflow rate	14

Distribution Overview (September 2025)

Master Meter Usage: 710,000 gallons

Distribution Usage: 708,398 gallons

Distribution Loss: 1,602 gallons

Loss Factor: 0.23%

Loss: 0.04 gallon/minute

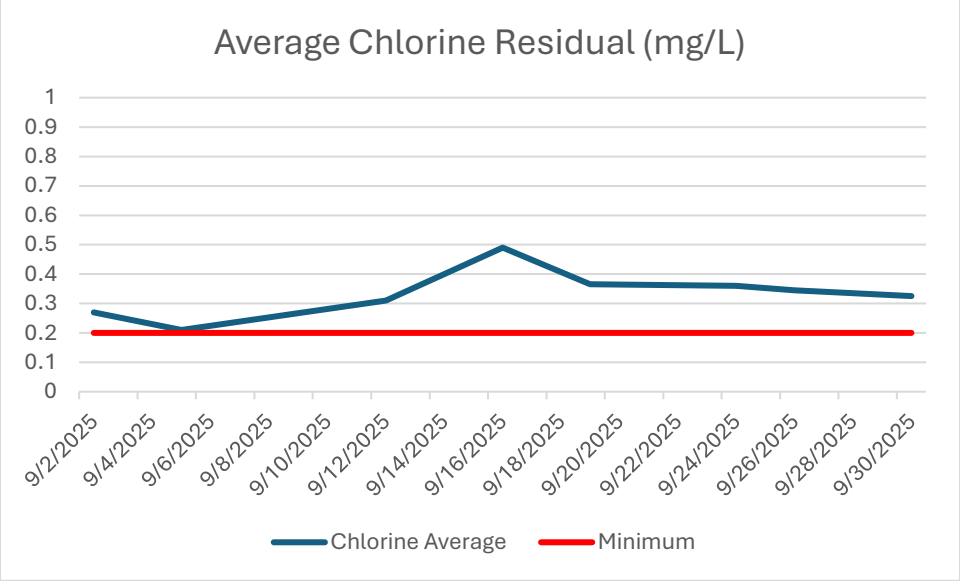
Compliance Analysis

Samples Collected:

09/23 – Monthly Routine Bac T

Chlorine levels

	First User	**Distribution System**
Average	0.32 ppm	0.33 ppm
High	0.46 ppm	0.49 ppm
Low	0.22 ppm	0.21 ppm



Additional Services

09/16 – Marked locates

09/17 – Marked locates

09/19 – Meter Reading

09/24 – Collected source assessment from Spring 3 and collected DBP samples.

09/25 – Uncovered mainline shut off valves for upcoming hydrant repair, door tagged affected homes.

09/27 – Continued searching for valves in preparation of hydrant replacement. Notified more of the community since specific valves couldn't be found.

09/29 – Shut water main off/on at 3rd and Otter Crest Loop. Opened hydrants to drain the water line, bled the air once the contractors had finished. Collected bacteria sample to lift boil water notice. Troubleshot low flow at 325 3rd st.

09/30 – Struggled to get the water line off for the hydrant replacement on Ellie. Turned off excess number of valves and drained the water from the mains. Once the replacement was postponed, began restoring water service and bleeding air from the lines. Sent out broadcast that more homes than expected had been affected and worked to restore service to normal conditions.

Recommended Maintenance

1. Install air relief valves in the distribution system to prevent the air lock from occurring again. Ensure they are planned for and included in the system's rebuilding.

Administrative Comments

1. Rod requested on 07/31 NWNWS check the overflow rate and report it to him every week while we are in this summer drought.
2. Due to high copper levels in the samples collected during August, the OHA has increased the frequency of the lead and copper testing to every 6 months. In addition, we will be required to test for Water Quality Parameters.