

Average TN by System for Amphidrome with Provisional Use Approval for Systems <2,000 Gallons Per Day

Data includes all system samples through 2024. To be included, each system needed a minimum of 4 samples over 2 years.

The analysis includes 9 systems; of these, 6 systems have an average TN that meets the 19 mg/L effluent TN limit established in the technology approval.

This correlates to 67% performance.*

Average TN (mg/L)

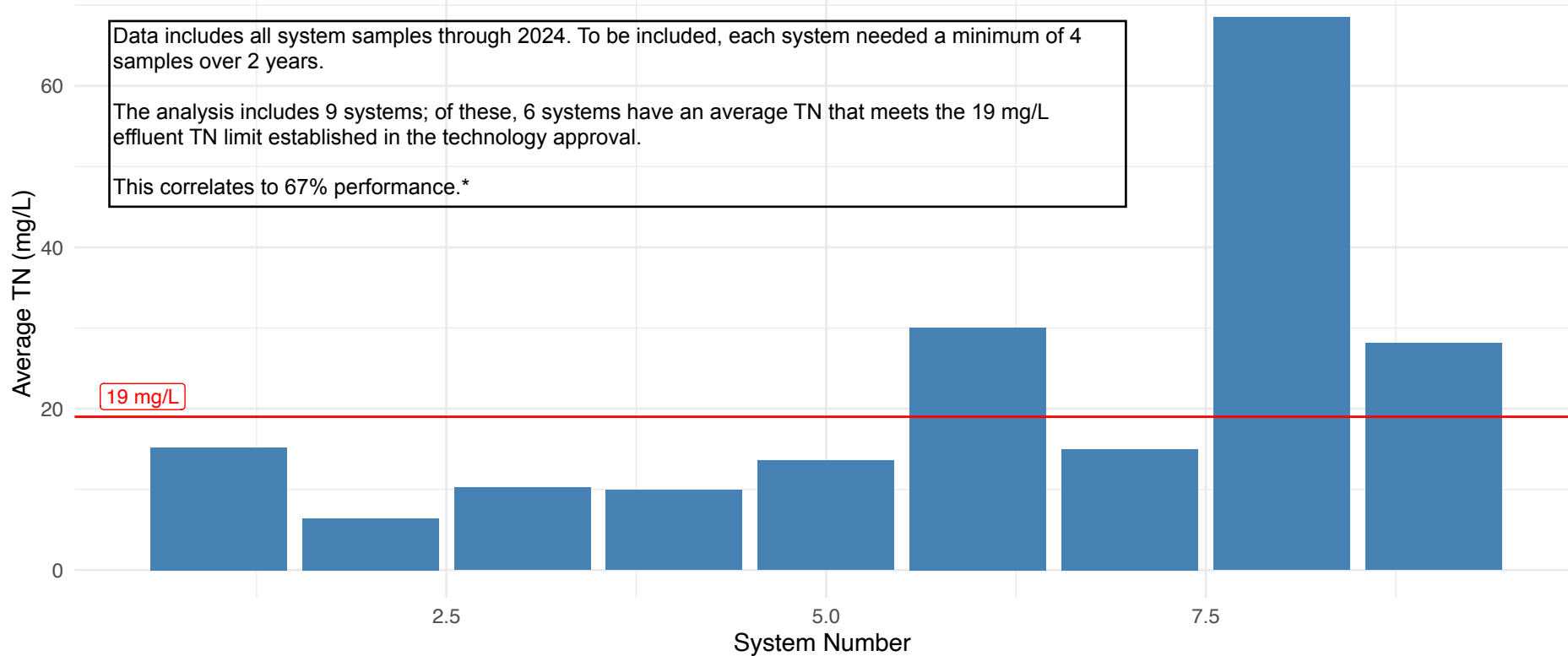
19 mg/L

2.5

5.0

7.5

System Number



***Notes**

MassDEP reviews performance data for nitrogen reducing technologies approved for use in Massachusetts on a yearly basis to maintain the Best Available Nitrogen Reducing Technology (BANRT) list in accordance with 310 CMR 15.215(2)(g).

In 2024, the Amphidrome system with Provisional Use approval was not included in the BANRT analysis because the previous technology approval expired on 1/20/2020. As of 5/29/2025, MassDEP is renewing the Amphidrome approval for Provisional Use in Massachusetts.

In 2025, the BANRT analysis for the Amphidrome system with Provisional Use approval includes 9 systems with 6 systems that have an average TN meeting the 19 mg/L effluent TN standard established in the technology approval. This correlates to 67% performance.