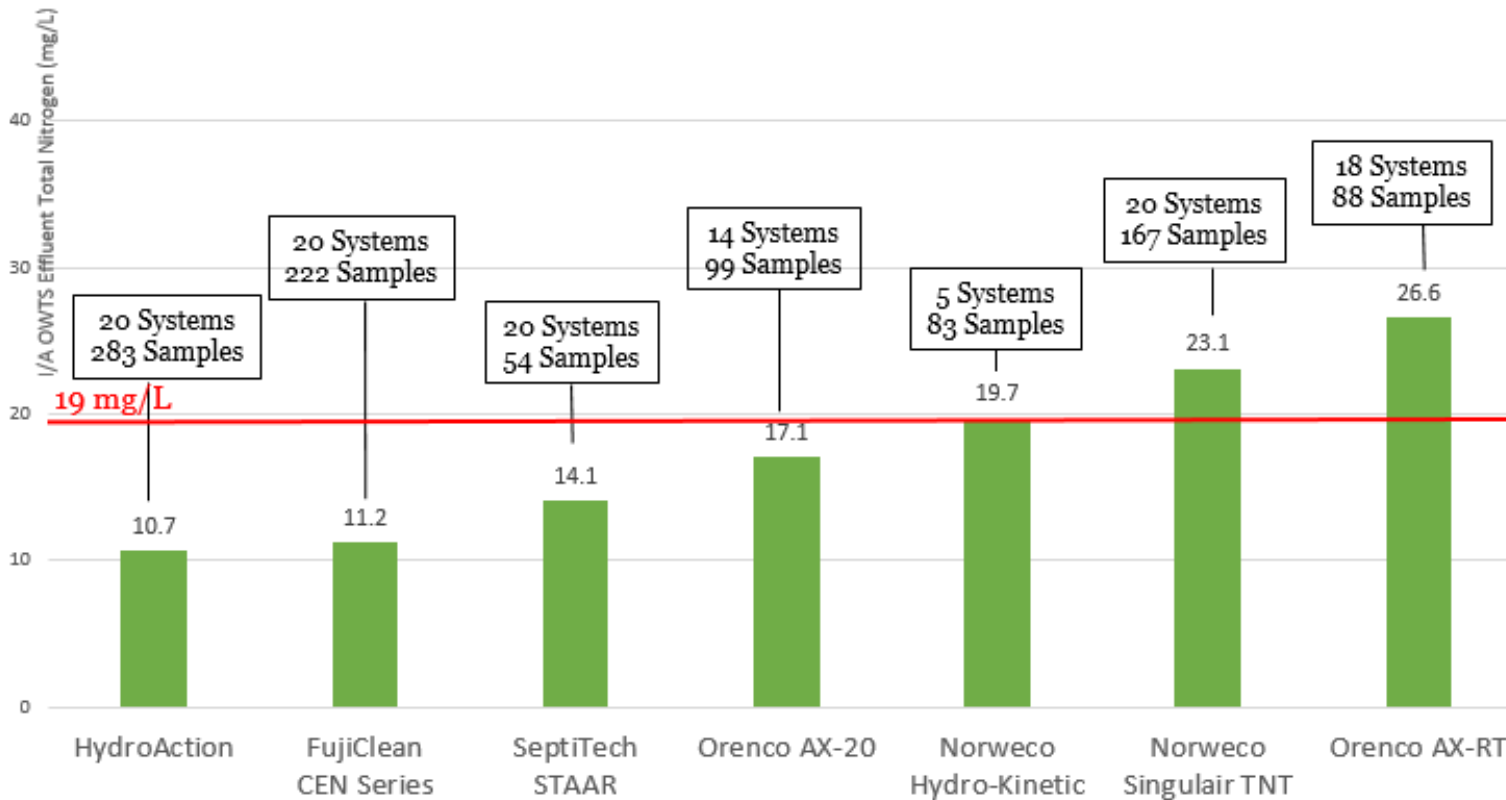


CUMULATIVE BI-MONTHLY SAMPLING RESULTS FOR PROVISIONALLY APPROVED I/A OWTS

Data received as of 6/22/2021

65 mg/L represents average conventional septic effluent

2017 Cumulative Average of 25.9 mg/L - 4 Technologies Approved
 2018 Cumulative Average of 17.7 mg/L - 6 Technologies Approved
 2019 Cumulative Average of 16.0 mg/L - 8 Technologies Approved
 2020 Cumulative Average of 15.9 mg/L - 8 Technologies Approved



Suffolk County I/A OWTS Total Nitrogen Sampling Data as of June, 2021

WHAT HAPPENS IF A TECHNOLOGY FAILS TO CONSISTENTLY MEET PERFORMANCE STANDARDS?

- Failure of a technology within Provisional or General Use phases to consistently meet the Department's performance requirements shall result in the following actions:
 - **Minor Violation:** If the annual 12-month rolling average effluent total nitrogen concentration of a technology's steady state systems is between 19 mg/L and 30 mg/L, then the Department shall require a Vendor to submit a remedial action plan and timeline to improve the technology's performance. Failure to do so will result in revocation or suspension of the technology's approval for Provisional or General Use.
 - **Major Violation:** If the annual 12-month rolling average effluent total nitrogen concentration of a technology's steady state systems exceed 30mg/L, the Department may revoke or suspend a technology's approval for Provisional or General Use.

Cumulative average TN is utilized to determine General Use Approval for the technology. General Use is approved if the first 20 installed systems achieve a cumulative average of 19 mg/L or less over a period of 24 months. A technology may remain in Provisional Use no more than 5 years after the installation of the 20th system.

The 12-month rolling average TN is utilized to determine if the technology is meeting Suffolk County standard TN effluent of 19 mg/L or less. If there is non-performance shown in the dataset that is causing an exceedance of performance requirement, the Department reserves the right to revoke or suspend the approval status of such technology.