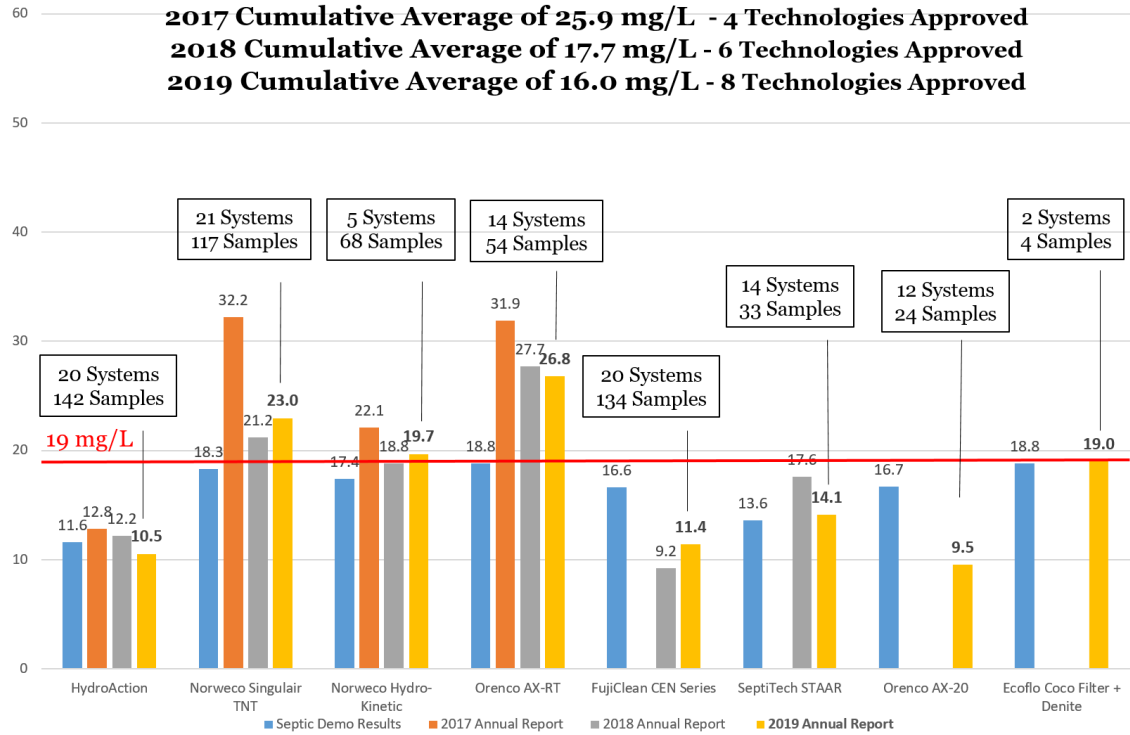


CUMULATIVE PERFORMANCE OF FIRST 20 INSTALLED PROVISIONALLY APPROVED I/A OWTS IN SUFFOLK COUNTY

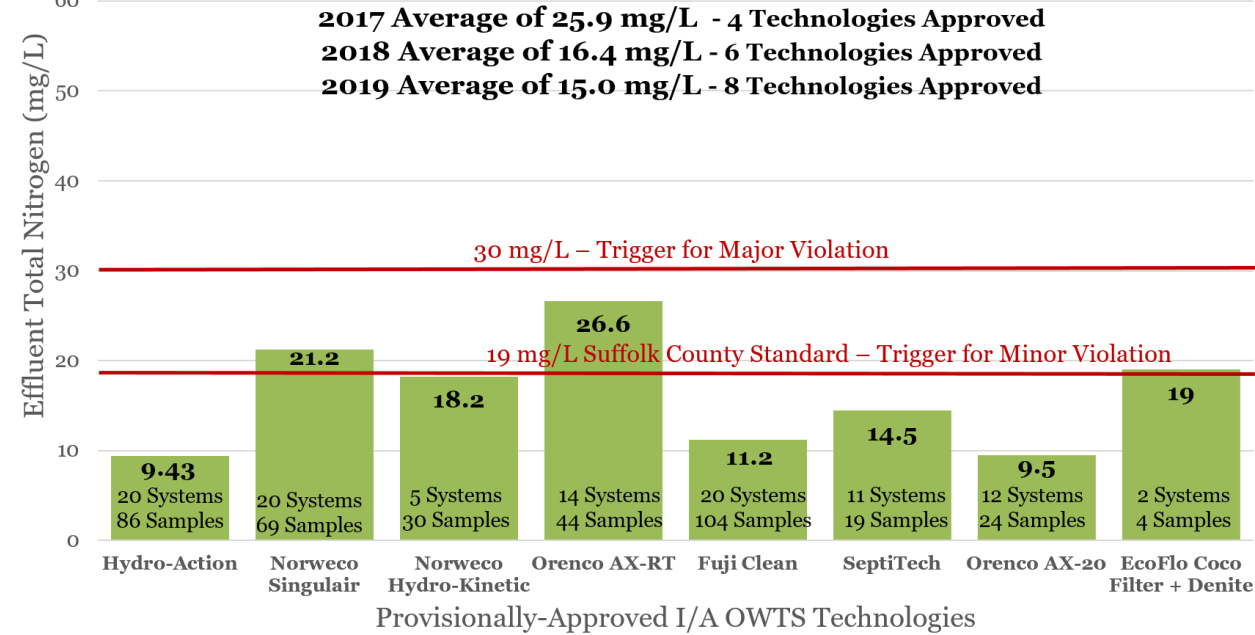
65 mg/L represents average conventional septic effluent



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.

PROVISIONALLY-APPROVED I/A OWTS TECHNOLOGIES IN SUFFOLK COUNTY CURRENT TOTAL NITROGEN 12-MONTH AVERAGE (1/2019 - 12/2019)

65 mg/L - Average Conventional Septic System Effluent



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.

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.