TO: Joint Committee on Wastewater Technology

FROM: Dr. Robert Powitz, Chair of the Joint Committee

DATE: June 24, 2020

SUBJECT: Proposed revision to NSF/ANSI 350 – Onsite Residential and Commercial, Water Reuse Treatment Systems (350i51r1)

Revision 1 of NSF/ANSI 350, issue 51 is being forwarded to the Joint Committee for consideration. Please review the proposal and submit your ballot by July 15, 2020 via the NSF Online Workspace <www.standards.nsf.org>.

When adding comments, please identify the section number/name for your comment and add all comments under one comment number where possible. If you need additional space, please upload a word or pdf version of your comments online via the browse function.

**Purpose**

The proposed revision will add language to section 8 of NSF/ANSI 350.

**Background**

The issue proponent recommends that the committee add the body of section 8.1.2.3 to harmonize it with section 8.2.2.3 and add the title to section 8.1.2.4. There is also a need to clarify that dosing days, during stress, that require more than the daily hydraulic capacity shall be excluded from the 30-day average calculation as well.

The language appears to have been incorrectly removed in the 2015 publication of NSF/ANSI 350. Though the language had not been balloted to be removed from the standard, since the language had been missing for a number of years, it is being balloted back into the standard.

If you have any questions about the technical content of the ballot, you may contact me in care of:

Dr. Robert Powitz  
Chair, Joint Committee on Wastewater Technology  
c/o Jason Snider  
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8 Performance testing and evaluation

8.1.2.3 Dosing volumes

The 30-day average volume of the wastewater delivered to the system shall be within 100% ± 10% of the system’s rated hydraulic capacity.

All dosing days, except those with dosing requirements less than or greater than the daily hydraulic capacity shall be included in the 30-day average calculation.

8.1.2.4 Color, odor, foam, and oily film assessments

During the 6 mo (26 wk [182 d]) testing and evaluation, a total of three effluent samples shall be assessed for color, odor, foam, and oily film. The assessments shall be conducted on effluent composite samples selected randomly during the first phase of design loading, the period of stress loading, and the second phase of design loading.