



Office of Water Management

Utilization of NSF/ANSI 350 Testing Standards for Alternate Onlot Wastewater Disposal Technologies

Sewage Advisory Committee (SAC)

March 22, 2016

Tom Wolf, Governor

John Quigley, Secretary

Introduction

- NSF/ANSI 350 developed in December 2012
- Target use for water reuse treatment system
- 3 classes of influent strength
 - ~~Case 1: Graywater treatment system~~
 - **Case 2: Residential wastewater treatment system**
 - ~~Case 3: Commercial treatment system~~
- Applicable to onlot sewage disposal systems
- Effluent quality meets advanced treatment standards for absorption area discharge

Current/Proposed NSF/ANSI Stds.

Table 1

Current and Proposed NSF/ANSI Standards

Standard	Test Average CBOD (mg/l)	Single Sample Max	Test Average TSS (mg/l)	Single Sample Max
NSF/ANSI 40	25	NA	30	NA
NSF/ANSI 350	10	25	10	30

- NSF/ANSI 350 meets advanced treatment standard for PA

Summary

- Test center testing more independent evaluation of wastewater effluent performance
- Eliminates need for subsequent sand filter treatment
- Deemed approved for advanced treatment if it meets the NSF/ANSI 350 Standard
- A Chapter 73 absorption area is eligible for up to a 40% reduction in size if NSF/ANSI 350 is met.



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