NSF Standard(s) Impacted: 350

Background:
Provide a brief background statement indicating the cause and nature of concern, the impacts identified relevant to public health, public understanding, etc, and any other reason why the issue should be considered by the Committee. Reference as appropriate any specific section(s) of the standard(s) that are related to the issue.

Option 1:
Water reuse systems, unlike Water treatment systems, may intentionally only collect and treat a specific volume of available incoming water. Additional incoming water would then be purposefully diverted or bypassed to an approved wastewater treatment and disposal system. Section 5.8, requires that if the level in a system is in a high water condition or water is being diverted to a bypass an audible and visual alarm must notify the owner or user and service provider, however, reuse systems that are not designed to capture all available incoming water would not be in an error state when water is being bypassed and should not alarm.

Recommendation:
Clearly state what action is needed: e.g., recommended changes to the standard(s) including the current text of the relevant section(s) indicating deletions by use of strike-out and additions by highlighting or underlining; e.g., reference of the issue to a Task Group for detailed consideration; etc.

Section 5.8 Failure sensing and signaling equipment

The system shall possess a mechanism or process capable of detecting failures of electrical and mechanical components critical to the treatment processes and delivering a visible and audible signal to notify the owner or user of the failure. The system shall possess a mechanism or process capable of detecting a high water condition and delivering a visible and audible signal to notify the owner or user, and service provider that if the water level is above normal operating specifications, or in the case that the system is not designed to intentionally allow surplus water to be diverted to an approved wastewater treatment and disposal system as a normal process function, the system shall deliver a visible and audible signal to notify the owner or user, and service provider that flow is being diverted to a bypass function as described in Section 5.9.

Supplementary Materials (photographs, diagrams, reports, etc.):
If not provided electronically, the submitter will be responsible to have sufficient copies to distribute to committee members.

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Signature*: 
Company: Greyter Water Systems 
Telephone Number: 416-883-2411 Ext. 237   E-mail: dmorgoch@greyter.com 
Is this a revision of a previous Issue Paper (if yes put original issue number): 
Submission Date: April 4th, 2020

Please submit to: Joint Committee Secretariat, Jason Snider at jsnider@nsf.org 

*Type written name will suffice as signature