Task Group on NSF 385

Teleconference Meeting Summary DRAFT

July 23, 2020

Participating members:

Bio-Microbics, Inc.	Bell, Jim
Salcor Inc.	Cruver, Jim
Pro Flo Aerobic Systems	Jumper, David
Norweco, Inc.	Meyer, Jim
Florida Department of Health	Roeder, Eberhard
North Carolina State University	Rubin, A.
SeptiTech, Inc.	Sherman, Kevin

Participating observers:

Premier Tech	Belanger, Marie-Christine
North Carolina Div. Of Env. Health	Berkowitz, PE, Steven
NSF International	Snider, Jason
NSF International	Steiner, Sharon
Hoot Aerobic Systems	Suchecki, Ron
NSF International	Williams, Steve

Discussion

J. Bell welcomed everyone and called the meeting to order. J. Snider took roll and read the anti-trust statement. Seven of the 15 voting members were present (47%) which did not represent a quorum.

J. Bell began with a review of the previous meeting summary.

Motion by J. Cruver	Accept the 4-2-20 TG meeting summary.
Second:	J. Meyer
Discussion:	None
Vote:	All in favor
Motion:	Carries

The group began by reviewing 46i33r2– removal of chlorine disinfection language, which the group had discussed on the previous call. J. Bell explained that the intent was to differentiate between disinfection dispensers, which would remain in Standard 46, and disinfection devices, which were now covered in the scope of Standard 385. J. Bell asked what the best way to address concerns about standard 46 being written into code in some areas. After some discussion, the group agreed to include language in the ballot designating that disinfection devices will be transferred to Standard 46. J. Snider would look for boilerplate language in other NSF standards. After some wordsmithing, the group agreed to include the line

"The intent of the Joint Committee is for chlorine disinfection devices that previously were part of the scope of NSF/ANSI 46 - *Evaluation of Components and Devices Used in Wastewater Treatment Systems* are addressed under the scope of NSF/ANSI 385 - *Disinfection Mechanics*"

The group spent some time discussing how to best ensure that there was a suitable timeframe for implementation of the new standard, possibly including a date in the statement above, possibly three years in the future.

Motion by R. Suchecki	Have J. Snider and S. Steiner develop boilerplate language including an implementation date
Second:	D. Jumper
Discussion:	None
Vote:	All in favor
Motion:	Carries

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Motion by R. Suchecki	Send 46i33r2 language to straw ballot once boilerplate implementation language is added.
Second:	D. Jumper
Discussion:	None
Vote:	All in favor
Motion:	Carries

The group next turned to WWT-2019-8 – 385 revisions. The first issue in the paper regarded the UVT in Table 1.1 of NSF/ANSI 385. The current values for UVT could present problems for peat systems. M. Belanger suggested revising the range from 50 to 75% to now be 30 to 75%. J. Cruver suggested the current range may present problems for all systems, not just peat systems. R. Suchecki asked if the upper end of the range should be lowered as well. J. Bell asked what could be used to lower the transmittance of the influent. J. Cruver suggested hypo (sodium thiosulfate).
A. Rubin noted that Table 1.1's influent was required to be 10^4 to 10^8 for fecal coliform, and asked if those numbers should be reviewed. J. Cruver suggested that the broad range was due to the ability of the test center to produce influent at the required levels. R. Suchecki suggested bringing the E. Coli numbers to match the fecal coliform. S. Williams stated that the test centers typically see about 2 log lower E. Coli numbers.
The group eventually settled on setting the range of UVT to 30 to 50%. J. Bell asked S. Williams to determine what can be added to adjust the UVT of the influent.

J. Bell asked M. Belanger and J. Cruver to work together on the other 2 portions of WWT-2019-8 – 385 revisions and come to the next task group meeting with language recommendations.

Action items

J. Snider to work with S. Steiner to draft implementation language to be included in 46i33r2 ballot.
J. Snider to send 46i33r2 to straw ballot after implementation language is added.
S. Williams to determine what can be added to influent to adjust the UVT.
M. Belanger and J. Cruver to work together to develop language regarding photorepair and ozone per issue paper 2019-8.
Next teleconference date: September 1, 2020.