Joint Committee Meeting on Recreational Water Facilities

Draft Meeting Summary

Thursday, September 13, 2018

NSF International, Ann Arbor, MI

8:30 AM

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2018-6 – Polymeric fiber media Scott Randall

S. Randall explained that section 12 of NSF/ANSI 50 currently had tests for two classes of media – precoat filter media and sand and granular media. He added that polymeric filter media manufacturers have asked to have language developed to include their product in the Standard. The product is intended to serve as a replacement for granular media. The NSF lab investigated developing a test protocol to demonstrate that the Polymeric fiber products work equivalent to granular media. The protocol included the applicable granular media tests, as well as a media integrity test, a chemical resistance test, and a longevity test.

Motion by S. Choe:	Send issue paper 2018-6 to ballot
Second:	B. Bartley
Discussion:	H. Evans asked if the media has adsorption properties. S. Randall answered that it is similar to sand media in that respect. S. Andrews suggested the issue paper be sent to the Filters Task Group. A. Osinski asked how this media was different from other sand alternatives that the group has explored and inquired if the product had specific disposal instructions. B. Vincent noted that the protocol called for testing chlorine at 10 ppm, but shocks usually were 20 ppm. D. Berkshire asked if the polymers temperature sensitive. S. Randal confirmed that the chemical resistance test would be performed at a raised temperature. D. Berkshire also inquired about the propensity to form biofilms. S. Randall explained that the propensity to form biofilms should be similar to granular media. L. Hagen questioned how the 1% acceptable loss was established and inquired about pH testing. S. Randall confirmed the chemical resistance test was performed at a lowered pH. A. Osinski wanted to know if particle reduction was investigated, and how the end user would know when to change the media.
Vote:	2 Affirmative (S. Aridi, B. Vincent) 25 Negative
Motion:	Fails

Motion by S. Choe:	Send issue paper 2018-6 to the Filters Task Group
Second:	D. Berkshire
Discussion:	None.
Vote:	All in favor.
Motion:	Carries.