NSF International

MEMORANDUM

TO: Joint Committee on Drinking Water Additives – Treatment Chemicals

FROM: France Lemieux, Chairperson

DATE: July 30, 2015

SUBJECT: Proposed revision to NSF/ANSI 60 – *Drinking water treatment chemicals - Health effects* (60i67r2)

Draft 2 of NSF/ANSI 60 issue 67, is being forwarded to the Joint Committee for balloting. Please review the changes proposed to these standards and **submit your ballot by August 13, 2015** via the NSF Online Workspace.

Purpose

This revision proposes revised language to section 8.8 regarding the allowance of the Short Term Exposure Limit (STEL).

Revision 2 addresses comments received from the revision 1 ballot to replace the term "well rehabilitation aids and well cleaners" to "well development/rehabilitation materials"to be consistent with Table 8.1. In addition, the term "well casing annulus" has been changed to "well screen pack" for clarification. **This two-week adjudication ballot** also addresses any unresolved negative comments that were received to expand the scope of the ballot to address the test methods for these products.

This ballot allows voters the opportunity to submit, change or reaffirm their vote based on the content of the comments contained herein.

Voting options:

1. **Affirmative: you are voting to accept the ballot document as it stands after your consideration of the unresolved negative comments.**
2. **Negative: You are voting to reject the ballot document as it stands after your consideration of the unresolved negative comments. Voters who change an affirmative to a negative shall cite the unresolved negative comment that caused their decision.**
3. **Abstain: You do not feel that you have sufficient information to make an informed decision on this issue.**

Please note that if you do not return a vote in this adjudication ballot, your original vote will remain in effect.

At the close of this adjudication ballot, all results will be tallied to determine if the requirements for consensus have been satisfied.

Background

All well application products are evaluated under NSF/ANSI Standard 60, Section 8 using the Single Product Allowable Concentration (SPAC). The SPAC is a concentration in water that does not cause harm to human health under the assumption of drinking 2 liters of water per day for 70 years.

P.O. Box 130140 Ann Arbor, MI 48113-0140 USA
734-769-8010 1-800-NSF-MARK Fax 734-769-0109
E-Mail: info@nsf.org Web:http://www.nsf.org

However, many of the well application products are single use or used less frequently than annually. This evaluation is more conservative than warranted for a water soluble product that is used once and flushed from the well. This evaluation does exclude products from certification under NSF/ANSI Standard 60 when no health concern can be demonstrated regarding their use.

Allowing the use of the Short Term Exposure Limit (STEL) for the products with this application will open the marketplace to additional competition while maintaining protection of public health.

The issue was presented at the 2014 annual DWA-TC JC meeting on December 3, 2014, and the JC voted in favor of balloting the proposed revisions. Please see the meeting summary excerpt, the issue document (DWA-60-2014-2), and the revision 1 response letters under the "referenced items" for additional information.

Public Health Impact
This revision will have no negative impact on public health.

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

Chairperson, Joint Committee
c/o Monica Leslie
Joint Committee Secretariat
NSF International
Tel: (734) 827-5643
E-mail mleslie@nsf.org

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.**]**

NSF/ANSI Standard
for Drinking Water Treatment Chemicals– Health Effects

.
.
.

8 Miscellaneous water supply products

.
.
.

8.8 Evaluation of contaminant concentrations

The normalized concentration of each ingredient of contaminant shall be no greater than the Single Product Allowable Concentration (SPAC) determined in accordance with the requirements of Annex A. For residential well application products, calculation of the SPAC for a specific contaminant under 8 shall consider such factors as the more limited number of materials in contact with the drinking water distribution system in a well installation~~., and the limited one-time use of many well application products (e.g., products used to drill and develop the well)~~

The Short Term Exposure Limit (STEL) shall be used to evaluate the normalized concentration of ingredients and contaminants for well development/rehabilitation materials ~~rehabilitation aids and well cleaners~~.

> NOTE - These applications typically occur at a frequency less than every 12 months, warranting the use of a Short Term Evaluation Level. Additionally, these products are used within the bore hole and flushed from the well screen pack ~~casing annulus~~.

Reason: Revised per the 2014 DWA-TC JC meeting discussion to better reflect how these well application products are actually used. Well rehabilitaton aids and well cleaners are short-term exposure products that have limited use (e.g., added once per year), and should not be evaluated per the SPAC as for those products that are dosed daily.

REVISION 2 addresses comments received from J. Helmeset and T. Spoden during the balloting of revision 1 that include: 1) replacing the term "well rehabilitation aids and well cleaners" to "well development/rehabilitation materials" to be consistent with Table 8.1 and 2) replacing the term "well casing annulus" to "well screen pack."