Microbiology Expert Committee (MEC) Meeting Summary

August 10, 2021

1. Roll Call:

Cody Danielson, Vice Chair, called the meeting to order at 9am Eastern by webinar on August 10, 2021 during the TNI Accreditation Forum. Attendance is recorded in Attachment A – there were 4 members present. Associates present: Carl Kircher, Debbie Bond and Paul Junio.

Cody reviewed the agenda for the meeting and no changes were made.

2. Membership

The Committee is currently recruiting new members. Membership currently includes 4 ABs, 6 Labs and 3 Others.

3. Discussion of Proposed Changes to Microbiology V1M5

Cody shared the changes to the 2016 Standard in a PPT presentation (Attachment B). These are all the non-editorial changes.

Question: Why not indicate accredited and not just certified?

V1M5 1.7.3.1. The Committee did not make this change. It is legacy language. May take a look at it and see if a change is warranted. Ilona reminded people that if this is important to the commenter, be sure to comment on the Voting Draft Standard that is now up on the TNI website.

The link to Implementation Guidance Documents was shared: https://nelac-institute.org/content/NELAP/interpret.php

The DRAFT Standard has been posted on the TNI website for comment over the next 90 days.

BREAK

4. Upcoming Projects: Implementation Guidance for Equilibrium Testing V1M5: 1.7.3.7.b.v.a

Cody pulled up a copy of the new DRAFT Standard and read the language – Section 1.7.3.6.b.v.a:

The laboratory shall establish the uniformity of temperature distribution and equilibrium conditions in incubators and water baths prior to first use after installation or service. The equilibrium check shall include time required after test sample

addition to re-establish equilibrium conditions under full capacity load appropriate for the intended use.

The Committee had a lot of questions about this in the 2016 Standard and are planning to prepare Implementation Guidance. They have not gotten started on this but would like to hear any comments.

Paul noted there is a lot that goes into this, but it comes down to their being a volume of water at a specific temperature and it is going to take a certain amount of time to get to the correct incubation period. He is concerned there is going to be a lot of "tail chasing" in trying to address this.

Cody noted that some labs do it only at installation and service, but others do it annually to see how well their incubators are doing (not a requirement). Needs to be full capacity load because that is the worst-case scenario. Not planning to be overly proscriptive.

Committee members have offered examples of what they do in hopes that this will help write this implementation guidance.

A comment was provided that they think this equilibration requirement should be removed from the next Standard. Others on the call agreed. Too many variables and more stringent than the DW Manual. Cody noted that the requirements in the 2016 Standard are more specific than the 2009 Standard. Elisa noted this came up in an audit and the assessor had trouble with this language.

A comment was made to verify what is in the DW Manual. Paul reviewed what is in the DW Manual – page v-17, Section 5.3.1.5. There is a discussion about bringing samples to room temperature and full loads. The TNI Standard has a lot more detail.

Cody suggested that people comment on this part of the Standard.

A comment was made that this was going to be deleted in a previous Standard update, but it was put back in because they were told it is a DW requirement. It was suggested that the Committee talk to Jennifer Best to confirm the requirement.

Paul compared this discussion to temperature loggers in coolers. Do you really want all that data?

There is a lot of confusion about whether samples should be brought to room temperature. Cody noted that some PT providers have this in their instructions, and another does not. Her lab tries to be consistent with all samples. This helps with incubators coming up to temperature too.

5. Current SIRs: SIR 414 Regarding DOCs and Variability/Reproducibility Testing

SIR 414 to Microbiology, July 21, 2021

Deals with Module 2 and 5. Cody read the request:

Describe the problem:

For ongoing DOC e.g. for HPC SimPlate, the lab performs a blind PT sample or a Quality Control sample with results meeting the manufacturer's acceptance criteria. However, we would like to be able to use section 1.6.3.2.e) "A documented process of reviewing QC samples performed by an analyst, or groups of analysts, relative to the QC requirements of the method, laboratory SOP, client specifications, and/or this Standard. This review can be used to identify patterns for individuals or groups of analysts and determine if corrective action or retraining is necessary."

SM/TNI requires repeat counts performed monthly with criteria of 5% RPD for a single analyst or 10% for more than one analyst counting. Can this process be applicable or acceptable to meet section 1.6.3.2.e and be applied for continuing DOC for other analyst who did not actually perform the PT or QCS? If not, please expand on exactly what this section mean with a clear example.

From Lynn Bradley - To the Micro Committee:

Before determining this was a valid SIR, the Chairs asked the submitter "When you refer to an "analyst who did not actually perform the PT or QCS", are you referring to a group member who did not contribute results to the group for the analysis in question, or did you have something else in mind?" and received the following response:

Yes, I am specifically referring to the correct interpretation of 1.6.3.2.e) "A documented process of reviewing QC samples performed by an analyst, or groups of analysts, relative to the QC requirements of the method, laboratory SOP, client specifications, and/or this Standard. This review can be used to identify patterns for individuals or groups of analysts and determine if corrective action or retraining is necessary."

Let us assume there are at least 2 analyst but only one performed the QC this year. Both had done the initial DOC and had been performing the particular analysis throughout the year. Repeat counting is required to be done at least once a month with a given acceptance criteria. If the repeat count is done by the second analyst for this QC, can this be considered a continuing DOC for the second analyst who did not analyze the QC?

If not, can you please provide a particular example as to when this can be applied.

Thanks a lot for your clarification.

Cody commented that she and Robin took a brief look at this. Regarding the other analysts that did not perform the PT itself, if the analyst runs the method in full, it could not be applicable. If you only read results, it might be applicable. She asked for additional thought. Paul agreed.

Elisa needed more clarification on what type of sample they were analyzing. Not clear if it is a PT sample or some other blind sample.

It was commented that the IDOC/DOC applies to the analyst. There was agreement.

Paul noted again that the Draft Standard has been posted on the TNI website. It is open for 90 days for comment. There is also a copy of the Summary of Changes document.

Carl commented that the Chemistry Expert Committee is working on IDOC/DOC for the laboratory and segregating those requirements for each analyst. The Microbiology expert committee needs to do this too. Paul doesn't agree with this. The Standard talks about an analyst documentation of capability. Not a laboratory documentation of capability. Paul will share his comment with the Chemistry Expert Committee. Cody made a note and will check on it.

6. New Business

None.

7. Next Meeting and Close

The next regular teleconference will be on September 14, 2021 at 1:30pm Eastern.

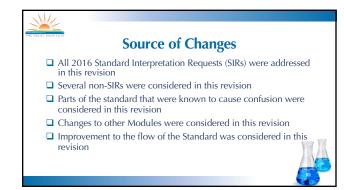
The meeting was adjourned the meeting at 11am Eastern. (Motion: Elisa. Second: Jody)

Attachment A

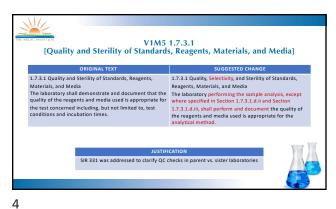
Participants Microbiology Expert Committee (MEC)

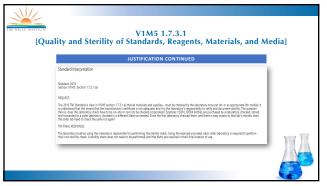
| Members | Affiliation | Balance | Contact Information |
|-------------------------|---|---------|--|
| Cody Danielson | Oklahoma | AB | Cody.Danielson@deq.ok.gov |
| (Chair). (2022*) | | | |
| Present | 0,, (5) | | |
| Robin Cook | City of Daytona Beach, | Lab | cookr@codb.us |
| (Vice-Chair) (2024*) | EML | | |
| Absent Jessica Hoch | TCEQ | Other | Jacoba Hash@Toog Toyga Cay |
| (2022) | TCEQ | Other | Jessica.Hoch@Tceq.Texas.Gov |
| Absent | | | |
| Lily Giles | Louisiana | AB | Lily.Giles@LA.GOV |
| (2022*) | | | , |
| Absent | | | |
| Mary Robinson | Indiana | AB | mrobinson@isdh.IN.gov |
| (2022*) | | | |
| Absent | | | |
| Ashley Larssen | KC Water | Lab | ashley.larssen@kcmo.org |
| (2024*) | | | |
| Absent | | | |
| Jody Frymire | IDEXX | Other | Jody-Frymire@idexx.com |
| (2022*) | | | |
| Present | | | |
| Vanessa Soto Contreras | Florida DOH | AB | Vanessa.SotoContreras@flhealth.go |
| (2023) | | | V |
| Absent | | 1 -1- | - Paragraph - Open Catalogue |
| Elisa Snyder | City of Austin – Austin Water Division | Lab | elisa.snyder@austintexas.gov |
| (2023*) Present | water Division | | |
| Hunter Adams | City of Wichita Falls – | Lab | hunter.adams@wichitafallstx.gov |
| (2023*) | Water Purification | Lab | nunter.adams@wichitaralistx.gov |
| Absent | Water Furnication | | |
| Enoma Omoregie | NYCDEP | Other | eomoregie@health.nyc.gov |
| (2024) | NIOBEI | Otrici | comoregie@nealth.nyc.gov |
| Absent | | | |
| Christabel Monteiro | Pace National, | Lab | christabel.monteiro@pacelabs.com |
| (2024) | Analytical | | разования в франции в применя в прим |
| Present | , , , , , | | |
| Patrick Roundhill | New Leaf Management, | Lab | patrickroundhill@gmail.com |
| (2023*) | LLC | | . 55 |
| Àbsent | | | |
| | | | |
| Ilona Taunton | The NELAC Institute | n/a | Ilona.taunton@nelac-institute.org |
| (Program Administrator) | | | |
| Present | | | |
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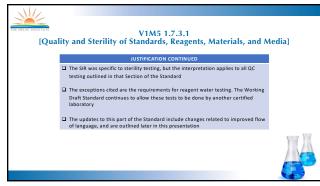


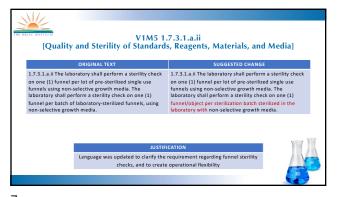


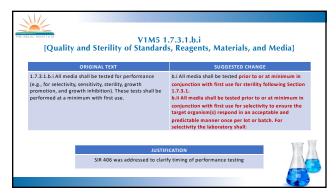


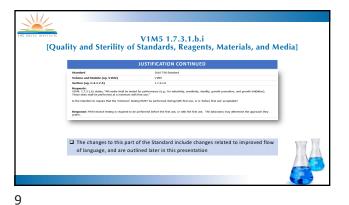


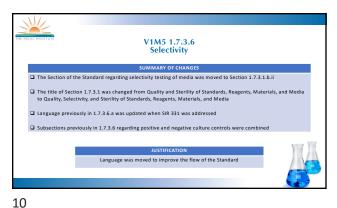




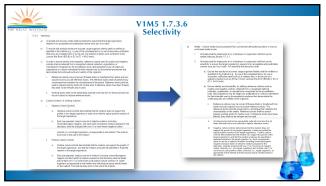


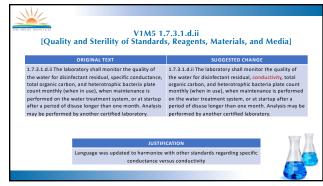


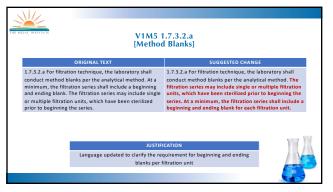


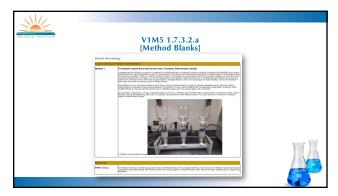


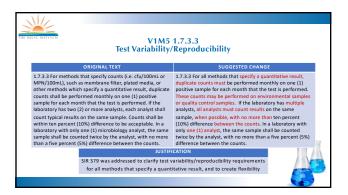
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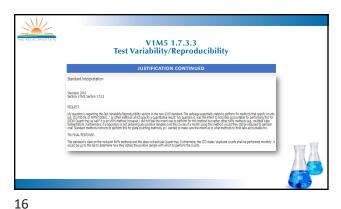












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