

SUMMARY

TNI CHEMISTRY EXPERT COMMITTEE MEETING

August 3, 2022

The Chemistry Expert Committee (CEC) met Wednesday August 3, 2022, at 1:30 PM ET during the Environmental Measurement Symposium in Crystal City, VA. Michelle Wade, CEC Chair led the meeting.

Attendance

Joseph Manzella, OCSD (lab)	Absent
Jay Armstrong, VA DGS (AB)	Absent
Nicole Cairns, NYS DOH (Lab)	Absent
Paula Blaze, NJ DEP (AB)	Absent
Shawn Kassner, Kaycha Labs (Lab)	Absent
Max Patterson, UT DOH (AB)	Absent
Charles Neslund, Eurofins (Lab)	Present
Karna Holquist, Texas Commission on Environmental Quality (Lab)	Present
Calista Daigle, Pace (Lab)	Present
Tony Francis, Saw Environmental (Other)- Vice Chair	Absent
Anand Mudambi, US EPA	Absent
Ali Boren, State of Vermont (AB)	Present
Lee Wolf, Consultant (Other)	Absent
Chad Stoike, ALS Global (Lab)	Absent
Michelle Wade, A2LA Workplace Training(Other)- Chair	Present
Robert Wyeth, Program Administrator	Present

Michelle presented the Committee's current members and advised attendees that the Committee has one available opening for either an AB or an Other (have a full compliment of Laboratory representatives). Any TNI member is welcome to participate as an Associate member. Any interested parties can apply for membership via the TNI website.

A quorum was not present, and no official business of the CEC was conducted. The meeting proceeded as scheduled as a public meeting regarding activities of the Committee and their progress toward modifications of Module 4 of the Standard.

Associate members present were Kyle Grogan, Eric Davis, Denice Johnson, and Adrian Gonzales

The agenda for the public meeting included discussion of Standard Interpretation requests received by the Committee and discussion/presentation of initial proposal for modifications to the Chemistry Module of the TNI Standard (EL V1M4). A copy of the PowerPoint presentation made at the EMS is provided below.

SIR Review

The Committee has spent a significant amount of its time during the past year addressing Standard Interpretation Requests (SIR) from users of the chemistry module. The requests are submitted to the LASEC and their SIR Subcommittee. SIRs are either considered valid and require a response from the appropriate Expert Committee or not valid in which case no response is required from the Expert Committee but should still be reviewed by the Committee to ascertain any potential means of improving Module language or providing clarification.

The following SIRs remain unresolved and/or in the process of resolution:

SIR #	Concern	Status
390	ISE Calibration and %RE	Multiple responses provided, Unresolved
391	ISE Calibration and %RE	Multiple responses provided, Unresolved
402	Detection Limit Verification	Updated response provided to LASEC
410	ISE Calibration and %RE	Awaiting LASEC decision on related SIR 390
426	Surrogate utilization	Response provided; anticipate acceptable decision
427	Definition of "mid-point"; measure of %RE	Response provided; anticipate acceptable decision
437	Meaning of consecutive LCSs	Response provided; anticipate acceptable decision

The following non-valid SIRs were provided to the Committee:

SIR #	Concern	Status
428	Full procedure for MDL determination	LASEC SIR Subcommittee determined Module adequately addresses the concern
432	Determination of on-going MDL	LASEC SIR Subcommittee determined Module adequately addresses the concern
434	Application of MDL procedure	Determined to be dispute regarding assessment finding and not appropriate as an SIR

Module 4 (EL V1M4) – Workgroups update.

Michelle advised the attendees that consistent with the posted Notice of Intent to Modify the Module (NOI), the entire module is being reviewed and is subject to potential modifications. The primary issues as identified by user and/or public comment, were on 4 basic areas of the module. The Committee therefore established 4 separate Work Groups to address these key concerns prior to addressing any potential modifications in other parts of the Module.

These Work Groups are as follows:

- Sections 1.4 /1.5 Method Selection; Method Validation LOD/LOQ (Validation/Verification)

- Section 1.6 Demonstration of Capability
- Section 1.7.1 Calibration
- Sections 1.7.2 Quality Control and 1.7.3 Data Acceptance /1.7.4 Sample Handling

All 4 Work Groups are meeting routinely to review their respective sections of the module and report their recommendations to the full Committee during the regularly scheduled monthly meetings.

The Work Group addressing Sections 1.4.and 1.5, have only just begun their activities and no report can be provided at this time regarding their progress. The Work Group product for Sections 1.7.2 Quality Control and 1.7.3 Data Acceptance /1.7.4 Sample Handling are attached below.

The other Work Groups' progress was also presented in detail at the public meeting. Utilizing a Webex format, the sections were placed on screen at the public meeting and changes were illustrated and discussed. All public comments were collected by the presenters and noted for future consideration by the Work Group.

The Chemistry Expert Committee will continue its efforts to modify the Module and continue to report its progress as well as seek public input as it proceeds. An effective means of public access to the current status of the sections of the Module now under review and modification(s) can be ascertained through the Chemistry Expert Committee minutes available on the TNI website.

The public meeting was adjourned at 4:36 PM. The next meeting of the Chemistry Expert Committee is scheduled for Wednesday September 7, 2022 at 2:00 PM ET.