

# SUMMARY

## TNI CHEMISTRY EXPERT COMMITTEE MEETING

### May 5, 2021

The Chemistry Expert Committee (CEC) met by teleconference on Wednesday May 5, 2021, at 2:00 PM ET. The teleconference was recorded solely for the purpose of preparation of the minutes. The recording will be deleted immediately upon generation of the draft summary of the committee meeting. Michelle Wade, CEC Chair led the meeting.

#### Roll Call

Joseph Manzella, OCSD (lab)	Present
Jay Armstrong, VA DGS (AB)	Present
Nicole Cairns, NYS DOH (Lab)	Present
Paula Blaze, NJ DEP (AB)	Absent
Eric Davis, Horizon (Other)	Absent
Deb Gaynor, Independent Consultant (Other)	Present
Shawn Kassner, Pace (Lab)	Present
Max Patterson, UT DOH (AB)	Present
Charles Neslund, Eurofins (Lab)	Absent
Calista Daigle, Quality Consulting (Other)	Present
Tony Francis, Saw Environmental (Other)- Vice Chair	Present
Ali Boren, State of Vermont (AB)	Present
Lee Wolf, Consultant (Other)	Present
Chad Stoike, ALS Global (Lab)	Present
Michelle Wade, A2LA Workplace Training (Other)- Chair	Present
Robert Wyeth, Program Administrator	Present

The attached agenda (Attachment 1) was presented and accepted by the committee. A quorum was present, and the meeting continued.

Associate members present were Kelvin Yung, Hong Yu, Colin Wright, Carl Kircher, Arthur Denny, Debbie Bond, Crystal Sheaf, Durant Maske, Antoine Chamsi, Derek Sirico, Autumn Fetty, David Smith, Karna Holquist, Chris Fuller, Adrian Gonzalez, and Amy Pollard.

#### April Meeting Minutes

The April 7, 2021 minutes were presented for review. A few minor editorials changes were made. Shawn motioned for acceptance which was seconded by Calista and approved unanimously. April minutes will be forwarded to William for posting. A copy of the final April meeting minutes is attached below.



CEC Minutes  
04.07.2021 Final.docx

#### Training Reminder

Expert Committee training has been revised and will be available through a link on the TNI website. The link has yet to be established but Bob will advise ASAP. Participation in the training

is required for all committee members and recommended for all committee associates. Michelle should be notified, with a cc to Bob, when each committee member completes their required training.

### **Summer Meeting Update**

Summer TNI/NEMC meeting is to be held as both an in-person and virtual event. The CEC meeting is scheduled for August 2, 2021 at 1:30 PM PDT.

### **Unresolved SIR Review-Subcommittee**

The SIR subcommittee, following the April meeting was formed and worked to resolve the response to SIR 402. Michelle presented the subcommittee's language for debate by the whole committee. After a brief discussion, Shawn made a motion to approve the proposed language. The motion was seconded by Ali and unanimously approved by the committee. Michelle will forward the committee's response (presented below) to Lynn Bradley on behalf of the LASEC.



SIR 402 to Chemistry  
050521 Final CEC Resj

### **Review of SOP 2-100, Rev. 3.4**

Since the committee plans a thorough review of V1M4, Bob reviewed the newly revised SOP 2-100, Rev. 3.4, Procedures Governing Standards Development. The process for standard development has changed in numerous facets that the committee needed to be made aware of as they proceed.

### **Module 4 (EL V1M4) Review**

Michelle with the use of webex, presented EL V1M4 Rev. 2.2 to the committee. She initiated a virtual line-by-line review. The early parts of the module will likely not require any re-work other than returning to the history and any necessary changes to the Table of Content. The first section addressed was Terms and Definitions; based upon current activities and the efforts of the Glossary Work Group some changes may need to be addressed. Relevant definitions in M4 are generally contained in V1M2 but Bob will review those definitions as well as obtain information on the status of the Glossary Work Group. Section 1.4 on Method Selection was discussed and debated at length and it was ascertained that language currently in the Module will need editing and revision particularly as regards method validation and verification. The question of inclusion of discussion regarding method selectivity may also be required but may be more an issue in V1M2 or a guidance document. Section 1.5 on Method Validation as currently presented would be re-written as a part of a modified version of section 1.4. The content currently in Section 1.5 concerning MDL and LOQ will be reviewed and modified per previous committee discussion and warrant their own sections in the revised module. These changes should also consider the EPA procedures which are not totally consistent with M4. Committee felt most topics now considered under this section, like MDL and LOQ, should be broken out as separate sections of M4.

Section 1.5.3 also presents a “grandfathering” of methods for use by the laboratory which will likely remain but some discussion in the module of legal defensibility of such aged verification/validation may be appropriate. Section also presents examples of evaluating precision and bias which were felt to be inappropriate in the module, rather in guidance document. Module may preferably require laboratories to have documented procedures to evaluate precision and bias. Proposed that section needs be reworded to improve clarity. The statement in the module regarding the EPA ATP was discussed and Shawn offered to provide copies of relevant documents for committee review. Copies are attached below.



chemical-atp-protoco  
l\_feb-2018.pdf



chemical-new-metho  
d-protocol\_feb-2018.f

Section 1.5.4 on Method Selectivity was deemed valuable and appropriate but could be improved in terms of understanding and clarity for laboratories. Clarity on selectivity as well as specificity was also presented for consideration.

The current section 1.6 on Demonstration of Capabilities will, as per previous discussions of the committee require significant modification and clarification.

Michelle will attempt to replicate all the comments received during the call and present them to the committee prior to the June conference call.

The June CEC meeting will continue the broad review process of the module. Michelle suggested that when actual re-writing of a specific section begins, Work Groups could be formed to address specific sections of the module to bring back to the full committee. This practice has been very effective in other expert committees.

### **Old/New Business**

#### **-Technical Manager input to QS**

Input has been previously provided. The Competency Task Force is addressing the need to define this term as is the QS committee. The CEC will address the issue no further pending a request from these or other parties.

The meeting of the committee concluded at 3:30 PM ET. The next scheduled conference call for the committee is Wednesday, June 2, 2021 at 2:00 PM ET.

## Attachment 1

Chemistry Expert Committee Meeting  
May 5, 2021; 2:00 PM ET  
Call in: (712) 832-8330, code: 822 174#

## Agenda

Michelle Wade, Chair  
Tony Francis, Vice-Chair

1. Roll call
2. Approval/modifications of agenda
3. Review of April 7, 2021 committee minutes



CEC Minutes  
04.07.2021 Draft.docx

4. Training reminder
5. Summer Meeting Update
6. Unresolved SIR review
  - 402- SIR Subcommittee
7. Review of SOP 2-100, Rev. 3.4; Procedures Governing Standards Development



SOP 2-100-Rev3.4  
Procedures Governing

8. Module 4 (EL V1M4) review



STD-ELV1M4-2017-R  
ev.2.2-Chemistry QS.d

9. Old/New Business
  - a. Revisit Technical Manager input to QS