

TNI Board of Directors Meeting Summary May 11, 2022

Time: 1:00 – 2:30 EST
 Dial-in Number: 712-832-8599 or 605-562-8400
 Access Code: 791640#

ROLL CALL

Directors	Present	Staff	Present
Jordan Adelson	X	Lynn Bradley	X
Aaren Alger	X	Paul Junio	X
Steve Arms	X	Jerry Parr	X
Caitlin Brice	X	Ilona Taunton	X
Justin Brown	X	Janice Wlodarski	
Kristin Brown		Bob Wyeth	X
David Caldwell	X		
Robin Cook	X		
Stacie Crandall	X		
Jack Farrell	X		
Maria Friedman			
Myron Gunsalus	X		
Jessica Jensen	X		
Harold Longbaugh	X		
Judy Morgan			
Patsy Root	X		
Debbie Rosano			
Valerie Slaven	X		
Nick Slawson	X		
Alfredo Sotomayor	X		
Lem Walker	X		
Past Chair			
Sharon Mertens	X		

AGENDA

1. Review of Consent Agenda

Alfredo requested that the use of remote assessments be removed from the Consent Agenda for further discussion. That discussion is found in Section 4 of these minutes. The remainder of the consent agenda was approved.

2. SOPs to Review

2.1 SOP 3-102 (Evaluation of Accreditation Bodies)

- This SOP describes the procedures used by The NELAC Institute (TNI) National Environmental Laboratory Accreditation Program (NELAP) Accreditation Council (AC) to evaluate NELAP Accreditation Bodies (ABs) for initial or continuing recognition under the currently implemented version of the TNI Environmental Laboratory Sector Standard. This revision includes the option for remote site evaluations and observations using video or teleconferencing in an effort to minimize travel expenses, maximize staff resources, and accommodate travel constraints imposed by outside circumstances. This revision also adjusted the language above to match the NGAB Evaluation SOP 7-100 and added a Related

Documents section.

- This SOP does not require Board approval. Alfredo asked for clarification regarding whether or not the board needed to review this SOP if it was an executive SOP. Lynn stated that Policy's review was the second set of eyes as the Advocacy Committee has already done the first review. Jerry stated that the Board is not limited to a review of only Executive Committee SOPs; it has the liberty to do review any that are presented. Alfredo then clarified that direct approval only applies for those SOPs that are solely developed by the Policy Committee. Jerry said that was correct. Steve added that this does not exclude others only defines those which must be approved.
- Alfredo asked if there were any questions regarding SOP 3-102. He then asked if there had been EPA regional participation in the last set of AB evaluations. Lynn stated that Regions 1-3 have consistently been in attendance, while others have not. A representative from Region 7 requested participation, but was denied by his management. Alfredo asked if there is a QA peer reviewer, to which Lynn said yes. Aaren commented that the Accreditation Council had decided on a second level review for consistency; typically that would be another state representative reviewing the deficiency report from an outside perspective. Steve commented that the NELAP director formerly did that; it is now being handled differently. Alfredo commented that this isn't optional to which Steve said correct. The review is being done at the end to look at the report and the standard citations. There is no judgement regarding findings, just regarding whether or not citations are correct. Jerry commented that this is described in Section 4.6 of the SOP. Alfredo stated he had been aware that it was being done. Lynn added that the previous role was more of oversight. There was a summary of recommendations for consistency after all reports had been done. That process also involved a different lead assessor for each evaluation. Now there is a contracted lead assessor for consistency's sake.
- Alfredo asked about 7.2 mentioning exhausted opportunities for offsite review and expressed concern over that phrasing. Steve stated that it was an attempt to get as much done as possible offsite. Lynn said there was a transition two audit cycles ago to try to limit the travel to one day. All documents that can be reviewed offsite are then done so. The assessor does remote interviews wherever possible. On site time is limited to personnel information that should not be shipped off site.
- Alfredo commented that off site assessments are clearly allowed in section 7.6. Lynn said there is an intention to not have an offsite assessment for a new AB.
- Following the removal of a parenthetical in section 17, the SOP was approved.

2.2 SOP 1-118 (Development of Position Statements)

- TNI develops Position Statements on select issues of direct relevance to the environmental monitoring community. In addition to an articulation of the Institute's perspective on the issue being addressed, the statement includes background on and an analysis of the issue, the rationale for the position, and an implementation plan with suggestions for action. Some Position Statements have associated White Papers that provide an expanded discussion of various aspects of the issues addressed by the Position Statement.
- Position Statements are far-reaching statements that represent TNI's official stand on issues. Position Statements, developed and adopted through a well-defined process, provide the basis for statements made on behalf of TNI before government bodies and agencies and communicated to the media and the general public. Therefore, Position Statements are one tool that TNI uses to put its Vision, Mission, and Goals and Objectives into action.
- This revision eliminated reference to "developed by consensus", added §5.4 on a 5-year review and revised the now-renumbered §5.5.
- This SOP does not require Board approval.
- No questions were asked. The SOP was approved without discussion.

2.3 SOP 1-115 (TNI Newsletter Preparation and Distribution)

- The Advocacy Committee of The NELAC Institute (TNI) sponsors preparation and distribution of ‘The Institute Review,’ which is the electronic newsletter of TNI. This newsletter is published 3-4 times per year, distributed by email, and posted on the TNI website.
- This revision removed “Chair” from §5.2 and updated §5.7 to reflect current newsletter format
- This SOP does not require Board approval.
- No questions were asked. The SOP was approved without discussion.

3. **Fourth quarterly report to TNI Board of Directors on NEFAP metrics**

- Below is the fourth quarterly metrics report for evaluating NEFAP in accordance with our strategic plan and performance metrics submitted. These should have been provided to the Board in March. Q1 will be presented in June or July.
- The training subcommittee has internalized development of the (paid) training program which will benefit the program by keeping revenue generated internal to the program. Work is near completion on the development and we anticipate the course being offered summer 2022. We have developed survey to identify training needs from the community to identify opportunities. The training component of our plan is still in ongoing development and is unlikely to meet the goals established.
- The Marketing subcommittee has reevaluated materials and past efforts to determine best strategy for marketing program. We are currently updating marketing materials and website to align with our targeted marketing objectives to promote the program. We have developed a strategy and initiated outreach to regulatory agencies and targeted stakeholders that may be interested in the program directly. We anticipate this interest slowly increasing as our marketing efforts continue.
- The metrics have not shown much growth in interest over the past few months but the focus has still been in development of the components of the plan which should continue to progress and begin to see returns especially in terms of interest once the marketing component reaches the wider marketplace.
- A detailed description of the activities of the subcommittee’s efforts to date is included in the program reports.

Metric	Target by December 2022	Current	Priority
Increase number of FSMO applications	8	2	High
TNI Strategic Plan Objective #6: Develop revenue source via training or other streams to fully support this program and marketing activities needed for growth. (medium priority)			
Develop revenue generating training sessions	3	2 in development	High
Develop multiple non-revenue generating training clips or informational media to promote paid sessions	2	2 in development	Low
Increase in number of people completing NEFAP/Field training courses in TNI	10	0	High
Increase NEFAP related revenue	\$1,500 increase	0	High
TNI Strategic Plan Objective #2: Focus available resources and efforts towards marketing the			

program. (High Priority)			
Increase in presentations given external to TNI	3	3	Medium
Increase in published promotions (articles/white paper)	1	1	Low
Increase in social media presence	20 posts on various formats	1	Medium
Additional indicators of program interest – not included in strategic plan			
Increase in participation in EC meetings	75% attendance	36% in 4Q	Medium
Increase in associate members (NEFAP EC & FAC)	6 new associates (there are 12 existing)	4	Medium
Inquiries from stakeholders into program (NEFAP EC & FAC)	3	4	Medium

Comments:

- Strategic Plan Objective #3 for establishing subcommittee dedicated to evaluating training needs and developing classes related to field measurement and sampling is completed and their work is ongoing.
- Strategic plan Objective #4 of establishing metrics and timeline for evaluation of success measures and impact on the program has been initiated and is ongoing (this objective is the premise for this report).
- Strategic plan Objectives #1, #5, and #7 relate to the routine business operations of the program and committee and are not reflected on this report specifically.
- Justin reported that growth has been lethargic however there are actions that should lead to more growth. There has been no dramatic increase in FSMO applications however FSMOs are recognized through other means. There is data out of Louisiana to support this and we will try to get that data.
- A first training course is about ready and that will bring in revenue. The marketing group is doing a good job. LinkedIn posts are drawing good reviews. Attendance in meetings leaves room for improvement. The standard and training courses should lead to more revenue, however numbers are underwhelming at this point.
- Jack asked whether this is still a viable program to which Justin replied that it was a loaded question. Patience is needed but Justin wouldn't give it more than one or two additional quarters. He would be disappointed in shutting it down. However we are not generating more FSMOs. Jack said that was a good answer. Ilona commented that we lost some time due to scheduling issues over the last six to seven months and that it seems that work is shifting upwards again. Alfredo asked whether or not it was due to the pandemic to which Ilona thought no that wasn't it.
- Justin thought it would be a disservice if we didn't give this a little more time because the efforts ought to yield improvement. Jack agreed and supported that statement. Alfredo agreed but offered that we need to keep our eyes on the situation.

4. Use of Remote Assessments for Evaluation of NELAP ABs

- This issue was briefly mentioned in the Consent Agenda in the last section in 7.1 and the Board decided it needed more discussion.
- The Laboratory Accreditation Body sent the NELAP AC this question:

We would like the NELAP AC to provide feedback to the LAB Expert Committee regarding a minimum frequency for an AB to conduct on-site assessments of a laboratory, if any. We are wondering if the AC members have a preference, need, or want for a requirement of the AB (either NELAP or NGAB) to conduct on-site assessments and if so, what would be the maximum allowable timeframe between on-site assessments of a particular laboratory.

- Remote assessments have been used by some but not all ABs during the pandemic emergency, and some aspects of the remote assessment are popular and considered more efficient, while other aspects may seem more difficult. No AB has announced plans to continue these indefinitely, but several are contemplating on-going use of remote assessment techniques, particularly in conjunction with risk-based decisions about the need for physical visits. The EPA Drinking Water program has declared that they find remote assessments to be unacceptable (although not in promulgated regulation).
- Carl noted that the 2017 revision of ISO/IEC 17011 requires on-site assessments of laboratories every two years with other assessment techniques being used in between site visits (see V2M1 Draft Standard §7.9.3).
- The continued use of remote assessments can create complex issues with reciprocal recognitions, where ABs lacking any authorization to use remote assessments may be unable to grant secondary accreditations to labs that were assessed by ABs using remote techniques only.
- One suggestion was to add a note stating that some regulatory programs may not accept remote assessments, but it seems clear that there is no consensus on this issue, and in fact, ABs that used remote assessments under pandemic emergency are still deciding whether and how much to retain their use. Consensus was that this topic should be included in an off-agenda meeting at conference, assuming that enough representatives can attend to make that feasible.
- Aaren asked for clarification wondering if there was a specific number of years between onsite assessments. Jerry commented that NGABs had been doing remote assessments already; he asked Nick for his thoughts. Nick said this was a tool that should be utilized in ISO 17011. Jack agreed that it was a great tool, but the Accreditation Council seems to be saying they can't be used or they don't want them or they aren't sure about them. Aaren circled back to looking for feedback for a time frame between onsite assessments and stated that no answer had been provided at this point. The next LAB Module doesn't have an on-site assessment time frame stated in it as it relates to a minimum expectation between onsite assessments. Steve says the same question exists for AB evaluations. Alfredo said there was more clarity regarding the discussion of laboratories in that SOP.

To close the board meeting Alfredo checked in with the members via roll call asking if there were any other issues to be brought up. Lynn commented that she learned about the training courses that are in the works and offered kudos to the training committee for the work they have been doing. Bob commented that there is no control set on a collection of samples from the laboratory's perspective. Field services aren't accredited unless they become accredited. He supports Justin and the FSMO effort in not reacting too quickly and offered that we might need a stronger organizational effort to bolster that program. Alfredo agreed with that assessment. Jerry commented that there is no financial report due to issues with the accountant and that next month the second quarter report should be available. Jerry did say that we had an outstanding month of March with increased revenues and decreased expenses. March made up a good bunch of ground that was lost in February. Jerry also reminded everyone to register before June 10th to take advantage of the early bird discount.

The next board meeting will be held on June 8. The meeting adjourned at 12:47 Eastern.

CONSENT AGENDA

1. **Approval of March Minutes**
2. **[Reserved]**
3. **[Reserved]**
4. **[Reserved]**
5. **CONSENSUS STANDARDS DEVELOPMENT REPORT**
- 5.1 **Consensus Standard Development Program Executive Committee**

2022 Objectives	Status
Develop policies and procedures that guide standards development	All Volumes and Modules of the TNI Standard are currently under review.
Ensure consistency and uniformity between Volumes and Modules of the Standard	Nothing to report
Provide technical and administrative assistance in developing tools to facilitate the implementation of the Standard	Nothing to report
Provide opportunities for stakeholder involvement throughout the development process and assist Expert Committees in dissemination of pertinent information and responses to comments.	All internal and public information for each Volume and/or Module of the Standard are being completed consistent with SOP and ANSI requirements
Prepare and deliver an Annual Report for the previous year and Work Plan for the coming year for the annual meeting or whenever requested by the Executive Director.	Accomplished at TNI Winter Meeting
Submit one of the revised Modules (including the entire Development Process) to ANSI to finalize TNI's re-accreditation.	PINS for EL V4 and BSR-8 filed for Radiochemistry and Microbiology.
Additional Comments/Concerns:	

5.2 Asbestos Testing Expert Committee

2022 Objectives	Status
Develop and maintain consensus standards for asbestos testing (AT) that are practical, implementable, and meet the needs of the environmental testing community while providing data of known and documented quality.	The second revision of the modified EL V1M3 has been approved by committee and will be posted on the TNI website and provided for public comment.
Seek American National Standard status from ANSI and pursue adoption of Module 3 in NELAP.	Nothing to report.
Serve as a technical resource regarding AT to TNI members and other interested parties.	Nothing to report.
Provide technical assistance in developing tools to facilitate the implementation of the Standard.	Nothing to report.
Prepare and deliver an Annual Report for the previous year and Work Plan for the coming year for the annual meeting or whenever requested by the Executive Director.	Accomplished at TNI Winter Meeting
Additional Comments/Concerns:	2022 Leadership and membership

established. All training completed.

5.3 Chemistry Expert Committee

2022 Objectives	Status
Evaluate and improve as needed the TNI Chemical Testing Standard <ul style="list-style-type: none">– Demonstration of Capability– Calibration– MDL/LOQ	Module/section specific work groups established for calibration, demonstration of capabilities, validation/verification, and QC; work groups meeting. Work groups continue in their efforts.
Develop chemical testing standards that are usable across various environmental accreditation programs.	All SIRs and public comments are being addressed
Provide technical assistance in implementation of the Standard.	Nothing to report
Provide technical assistance in interpretation of the Chemical Testing Standard.	Nothing to report
Continue to contribute to resolution of the Technical Manager issue.	
Prepare and deliver an Annual Report for the previous year and Work Plan for the coming year for the annual meeting or whenever requested by the Executive Director.	Accomplished at the TNI Winter Meeting
Additional Comments/Concerns:	2022 Committee leadership and membership completed. Two full members and 4 new Associates joined the Committee. All training completed.

5.4 Laboratory Accreditation Body Committee

2022 Objectives	Status
Revise and maintain the TNI Standards for Laboratory Accreditation Bodies (Volume 2 Module 1 of the TNI Environmental Laboratory Standard.)	
- Finish review of comments received on Revision 0	Currently reviewing comments – ruling them persuasive or non-persuasive and deciding upon revised language for those comments deemed persuasive. Requested specific feedback from NELAP AC about whether to authorize continuing remote assessments in the Revised Draft Standard.
- Publish Draft Standard EL Volume 2, Module 1, Revision 1.	NA
- Discuss and rule on any comments, Persuasive or Non-persuasive.	NA
- If controversies identified, publish Revision 2 of Draft Standard and receive/review comments again	NA

<p>Committee vote for Final Standard.</p> <p>Prepare draft Compliance Checklist.</p> <p>Support the NELAP Accreditation Council (AC) and the Laboratory Accreditation Systems Executive Committee (LASEC) in reviewing draft policies and procedures to ensure consistent standard implementation and in gathering and disseminating information on accreditation body activities, as requested.</p> <p>Provide information on developing and recommending training and guidance materials as appropriate.</p> <p>Review and respond to Standards Interpretation Requests, as referred.</p> <p>Monitor and report on ISO Conformity Assessment Committee (CASCO) Work Group revisions to ISO/IEC 17011. Support TNI by completing any tasks assigned by the Board or required by the AC or LASEC.</p>	<p>NA</p> <p>Draft checklist awaits final standard for review.</p> <p>None at present. Anticipate reviewing and revising the Application Form for NELAP Recognition that is used for both new and renewing ABs.</p> <p>NA</p> <p>The NELAP AC has a protected website where AB representatives review and vote on proposed responses to SIRs.</p> <p>Carl Kircher, LAB Past-Chair and current Associate member, monitors CASCO activities. No other tasks assigned to LAB at present.</p>
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5.5 Microbiology Committee

2022 Objectives	Status
Complete Volume 1 Module 5 DRAFT Standard.	Committee is working through comments received on posted DRAFT Standard.
Develop "Understanding Microbiology" Webinar course(s).	<p>Committee has started discussing possible content and turning the training into a series of courses instead of one class. Interested in teaching the first course live/recorded at NEMC in 2022.</p> <p>Workgroup has been formed and course is being developed. First class of series will be held live in Virginia and then done as a</p>
Continue to respond to Standard Interpretation Requests	Sent response to SIR 425 (regarding quality control checks) to LASEC.
Prepare Implementation Guidance regarding Incubator Equilibrium checks.	
Support Quality Management System's efforts to finalize language for Technical Expert.	Finalize comments in May to send to Quality Management Systems Committee.

5.6 Proficiency Testing Committee

2022 Objectives	Status
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Develop and maintain consensus standards for proficiency testing (PT) that are practical, implementable, and meet the needs of the environmental community.	Review of existing Volumes and Modules complete and modification for each being developed by work groups. Volume specific work groups established. Work groups continuing in efforts to develop modifications to PTEC related Volumes and Modules.
Develop and maintain consensus standards for the manufacture of PT samples that ensures PT samples provide equal challenge to participants regardless of manufacturer.	Review of existing Volumes and Modules complete and modification for each being developed by work groups. Work groups continuing in efforts to develop modifications to PTEC related Volumes and Modules.
Develop and maintain consensus standards that support PT sample design and scoring criteria (analyte, matrix, concentration, and acceptance criteria) appropriate to evaluate a participant's competency in the field(s) of accreditation for which the PT sample was manufactured.	Review of existing Volumes and Modules complete and modification for each being developed by work groups. Work groups continuing in efforts to develop modifications to PTEC related Volumes and Modules.
Serve as a technical resource to TNI membership and the environmental testing community regarding PT performance.	All SIRs and public comments are being addressed
Prepare and deliver an Annual Report for the previous year and Work Plan for the coming year for the annual meeting or whenever requested by the Executive Director.	Accomplished at the TNI Winter Meeting
Additional Comments/Concerns:	Committee roster completed with 4 new full voting members (Mike Delaney, Danielle Pearman, Brian Stringer and Ryan Pangelian) to replace those rotating off the committee; 3 new Associates as well.

5.7 Quality Management Systems Committee

2022 Objectives	Status
Complete Volume 1 Module 2 DRAFT Standard.	Committee is continuing to work with workgroups to start working on language for the new Standard.
Continue to respond to Standard Interpretation Requests.	Discussion on SIR 412 dealing with uniquely identifying solvents is continuing. Kristin Brown is discussing this with LASEC. SIR 422 (deals with documentation for purchase, receipt, and storage of consumables for technical operations) was completed and sent back to LASEC.
Continue working through controversial topics: <ul style="list-style-type: none"> – Internal Audits – Document/Record Retention – Quality Manual 	Progress has been made on language for the Quality Manual.
Define "Appropriate QC" in Section 7.7 (ISO/IEC 17025:2017)	

Work on Technical Expert.

The Committee received the formal hand-off of the Technical Expert Concept from the Competency Task Force. **Finalize comments in May to send to Quality Management Systems Committee.**

Work on language from Sections 4.2 and 4.1.3 from ISO/IEC 17011:2017. LAB noted that lab requirements are included in these sections and should be added to Module 2.

Committee has drafted language for review.

5.8 Radiochemistry Committee

2022 Objectives	Status
Complete Volume 1 Module 6 Standard.	The DRAFT Standard is currently posted for comment. Comments are due by April 6, 2022. Delayed review to May meeting.
Resolve reporting uncertainty with PT results.	A workgroup has been formed to prepare a recommendation on how to resolve this issue based on the combined meeting in San Antonio. Language has been developed and reviewed. Terry is sending to PTPEC and PT Expert.
Explore options for FoPT tables for non-DW matrices.	On hold until the uncertainty issue above is resolved and the new DW FoPT limits are approved by the PTPEC. Discussed 4/27/22 and workgroup will be developed.
Support Quality Management System's efforts to finalize language for Technical Expert	The language was reviewed and updates were made. Final language will be approved during May meeting for submission to Quality Management Systems Expert Committee.
Continue to respond to Standard Interpretation Requests.	

5.9 Stationary Source Audit Sample Committee

2022 Objectives	Status
Complete Volume 1 Modules 1, 2 and 3 update.	Effort suspended.
Establish path to achieve data comparability for WET PT data, working with PTPEC and PTEC to add language to either the Standard or the WET FoPT tables (yet to be determined)	Effort suspended.
Respond to recent notification that ERA will no longer be providing Audit Samples.	The Committee met with Jerry Parr and Craig Huff (ERA) and discussed the impact of ERA's decision. There are now no audit sample providers. The Committee prepared a letter to EPA with Jerry and Craig's assistance that Jerry will send from TNI. Committee operations are suspended pending any response from EPA that might change this decision.

5.10 Whole Effluent Toxicity Committee

2022 Objectives	Status
Revise and maintain the WET module of the TNI standard.	
Complete review and revision of updated language for each section of revised V1M7.	Currently underway.
Publish Draft Standard EL Volume 2, Module 1, Revision 1.	NA
Discuss and rule on any comments, Persuasive or Non-persuasive.	NA
Revise language of Revision 0 as warranted by comments.	NA
Publish Draft Standard EL V1M7 Revision 1, if controversies identified during review of comments.	NA
Committee vote for Final Standard.	NA
Establish path to achieve data comparability for WET PT data, working with PTPEC and PTEC to add language to either the Standard or the WET FoPT tables, as determined by PT Program.	Ongoing activity. Discussions with PTPEC and PTEC continue.
<ul style="list-style-type: none"> – Provide volunteer committee members to serve on PTPEC’s WET FoPT Subcommittee. – Standardize Proficiency Testing conditions and endpoints. 	<p>Volunteer names submitted to PTPEC</p> <p>Full committee has revised draft set of standard PT conditions in order to provide consensus recommendations to the PT program for these items in the coming months. Final approval expected this month and then the product will be delivered to PTPEC.</p>
Offer expert assistance to TNI on WET testing methods, quality control and data interpretation.	No activity at present.

6. NEFAP

6.1 NEFAP Executive Committee

2022 Objectives	Status
Support standard revision process by providing comments and suggested changes to improve the TNI Field Activities Standards.	Members of NEFAP EC attended special meeting with FAC to help develop language for Volume 1 (FSMO).
NEFAP AB re-evaluation process.	The final checklist is being worked on by Shawn Kassner and Ilona. Work on the SSAS portion of the checklist will cease. A meeting has been scheduled on May 31, 2022 to finalize checklist plan for evaluations.
Continue to develop training courses and implement strategic plan as it relates to training.	<p>A DRAFT presentation for an Internal Audit class for FSMO’s is complete and being finalized. The course anticipated for late Spring.</p> <p>The Subcommittee is working on polls and questions for the training, so it is just about ready for finalization and then a date for training can be determined.</p>
Aggressively market the Program utilizing the strategies outlined in the strategic plan.	The Marketing Subcommittee is working with Jerry Thao to include a NEFAP presence on LinkedIn. They are also working on the

- Expand online presence.
- Update and develop FSMO application tools.
- Market program to state agencies – NEFAP Ambassador Program.
- Open dialog with EPA on agency efforts related to field sampling quality.

Ambassador program.

Generate more awareness of the program and drive growth and interest in participation.

Streamline Program/EC operations to minimize resources required to maintain program based on size and need.

Establish and monitor success measures.

Report submitted by Justin for May Board meeting.

Determine a path forward regarding its interaction with NELAP.

Committee Management

The Committee voted in a new Chair – Tracy Szerszen (AB). She was the former Vice Chair. Paul Bergeron has been voted in as Vice-Chair. Justin Brown will continue as a committee member, but other obligations prevent him from continuing in the Chair role.

6.2 Field Activities Expert Committee (FAC)

2022 Objectives	Status
Complete Volume 1 and Volume 2 DRAFT Standard.	<p>A public meeting is scheduled for Volume 2 (AB) on March 15, 2022 at 11am Eastern.</p> <p>Volume 2 is being reviewed post public meeting for any additional updates to be discussed in May. Additional language originally in the 2014 version of the FSMO Standard was removed because it duplicated language in the new ISO/IEC 17025:2017 standard.</p> <p>The Committee is working on value added sections in Volume 1 (FSMO Standard). A number of sampling documents will be reviewed as “homework” for the June meeting so the Committee can continue work on Section 7. Example documents include: Guidance for Quality Assurance Project Plans - EPA QA/G-5 and EPA Requirements for Quality Assurance Project Plans -EPA QA/R-5.</p>
Continue to respond to Standard Interpretation Requests.	

7. NELAP

7.1 Accreditation Council

2022 Objectives	Status
Sustain governance role for the program and promoting consistency in AB operations	Modified NELAP Mutual Recognition Policy POL 3-100 to require reporting of both primary and secondary accreditations into LAMS at least monthly. Discussed why and how to manage PT Providers qualified results for supplemental PTs. Also discussed language in Volume 3 that is not contained in state regulations, e.g., 45-day time frame for supplemental PTs. Members of the AC will be reaching out to the PT executive and Expert committees to discuss these issues further.
Review and comment on Draft Standards as offered for comment.	An additional NELAP AB representative is now an associate on LAB Expert Committee to monitor the development of V2M1 Draft Standard Version 1. Received LASEC recommendation that the Radiochemistry Draft Standard V1M6 meets suitability criteria.
Review and approve existing and prospective ABs to become or remain NELAP-recognized.	All renewal letters have been issued for the evaluation cycle ending this calendar year. Each of the three Lead Evaluators (Steve, Aaren and Ilona/Alternate) is working on at least one active evaluation. Approved renewal of recognition for PA and KS. Invited Nevada representatives to join in the NELAP AC calls, as NV is currently deciding whether to apply for NELAP recognition.
Work with LASEC to include new standards into the NELAP program, provide interpretations and clarification of the TNI Environmental Laboratory Sector standards, and adopt policies and procedures prepared for use within the AC.	Voting to approve new SIR responses as implementable (the final approval step) is being done in timely fashion by most ABs.
Review and comment on relevant acceptance limits for proficiency testing in FoPT tables developed by the PTPEC.	None offered at present.
Implement a national program for the uniform and consistent accreditation of environmental laboratories.	The Accreditation Council meets monthly to address administrative issues and to provide a forum for discussion among AB representatives. Addressed LAB committee's request for feedback on continued use of remote assessments.

Implementation Plans for 2016 TNI ELS Standard – 1/5/2021		
State	Process for Implementing the New Standard	Anticipated Implementation Date
FL	FL adopted the TNI 2016 Standards by regulation on September 26, 2018. Laboratories were granted a grace period until April 1, 2019, to implement the new standards	Fully implemented on April 1, 2019
IL	Full implementation on January 31, 2020	January 31, 2020
KS	Rulemaking underway, but slowly. Is allowing labs to upgrade now and is assessing to 2016 Standard even though 2003 NELAC standard is still the official version	Unknown
LA	Regulation updates delayed by pandemic, tropical storms	Unknown

	and hurricanes	
MN	Adopts by statute, and is updating its databases now. Is encouraging labs to implement 2016 standard now, with database updates ready and checklist going into electronic data system now	January 2021
NH	Is encouraging labs to upgrade now, working with counsel about how and when they can proceed with rulemaking	Unknown
NJ	Incorporated into regulation by reference	January 31, 2020
NY	Adopts by reference; unable to obtain permission to complete rulemaking to update other aspects on separate timeline. Implemented PT modules of 2016 Standard immediately but not able to use the updated/2016 checklist yet. Encouraging labs to upgrade now	PT changes implemented; other modules await rulemaking to revise NYS certification manual. Unknown date for completion
OK	Proposed rulemaking published to adopt 2016 Standard. Approval by state legislature expected.	Likely September 1, 2022
OR	Implemented 2016 Standard effective January 1, 2021	January 1, 2021
PA	Incorporated into regulation by reference, all labs are required to have the 2016 standard implemented by July 2020.	January 31, 2020
TX	Incorporated into regulation by reference. Implementation has gone well.	January 31, 2020
UT	Rulemaking complete, 2016 standard implemented.	June 11, 2021
VA	Regulation change effective April 1, 2022.	November 1, 2022

7.2 Laboratory Accreditation Systems Executive Committee

2022 Objectives	Status
<p>Manage the Standards Interpretation Request (SIR) process to ensure that all SIRs meeting the requirements of SOP 3-105 are successfully addressed, using a Subcommittee that has delegated authority to act on behalf of LASEC to discuss, handle, and process SIRs and SIR decisions.</p> <p>Manage the assistance of Expert and Executive Committees as appropriate for standards interpretations, guidance documents and related tools.</p> <p>Manage development of Implementation Guidance in accordance with SOP 3-114, as needed.</p> <p>Review Voting Draft Standards as they are developed to ensure they are suitable for use by considering AB and laboratory needs early in the development process.</p>	<p>Ongoing.</p> <p>No new Implementation Guidance requested; one in development.</p> <p>Voting on Recommendation about Radiochemistry Draft Standard V1M6 completed and recommendation delivered to NELAP AC.</p> <p>Review of Asbestos Revised Draft Standard V1M3 is underway now.</p>
<p>Ensure that laboratory assessors, regulators, QA managers and technical managers have an organized forum at every TNI conference to discuss common issues (Assessment Forum).</p> <p>Assume Role as Recognition Body for NGAB status (parallel to NEFAP and PTPEC recognitions)</p> <p>Ensure that laboratory representatives and other stakeholders have an organized session at every TNI conference to discuss common issues (Mentor Session).</p>	<p>Planning has begun for sessions at NEMC in Crystal City – Internal Audits: Bringing Together Assessor Expectations and Perspectives.</p> <p>Planning has begun for sessions at NEMC in Crystal City – The Incredible Journey of Internal Audits – Episode 1</p>

Develop Draft Policies and SOPs for NELAP as requested	How much ground do you need to cover and how? None active at present.
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8. PROFICIENCY TESTING PROGRAM

2022 Objectives	Status
Address WET EC requests to standardize WET PT program.	A meeting was held on February 24, 2022 with the Chairs of PTPEC and WET, Program Administrators and Paul Junio to determine next steps to make progress on this activity. Members of the WET Expert Committee attended March PTPEC meeting. A last call for WET FoPT Subcommittee members will go out and subcommittee will be developed by end of month.
Proficiency Testing Provider Accreditor (PTPA) evaluations.	The final checklist is being worked on by Shawn Kassner and Ilona. Work on the SSAS portion of the checklist will cease.
Develop resolution for reporting uncertainty with Radiochemistry PT results.	In progress. Waiting for report from Radiochemistry Expert Committee and reaching out to NELAP AC with questions about collecting information on PT reports that will not be evaluated.
Complete and gather information on PT Program metrics.	
Continue working to be inclusive of non-TNI ABs.	A workgroup will work on the position paper for Advocacy that will help with this activity.
Address issue of method codes in LAMS for TPH/Oil and Grease/HEM	
Perform feasibility studies to explore adding the following to the TNI PT Program.	
Perfluoroalkyl substances in drinking water	
Radiochemistry Uncertainty to PT evaluations	
Technology based PTs	
Adding preparation methods to the FoPT tables.	
Development of PT Program metrics	
Air and Emissions FoPT tables	
Ensure that fields of Proficiency Testing (FoPTs) are appropriate for their intended use.	
Develop a better process for setting PT acceptance limits.	
PT SOP Subcommittee	The PT limit setting SOP (SOP 4-101) just needs examples added by the Chemistry FoPT Subcommittee and then it will be sent to Policy.
Committee Management	The Committee voted in a new Chair – Fred Anderson (Other-PT Provider). He was the former Vice Chair. Fred will be talking to people this month to help choose a Vice Chair. Shawn Kassner will continue as a committee member,

but other obligations prevent him from continuing in the Chair role.

Tim Miller and Eric Smith have been added to the Committee and Rachel Ellis has been voted into a second term. Committee status is: 4 –

9 ADMINISTRATION

9.1 Advocacy Committee

2022 Objectives	Status
Create and sustain a systematic approach for encouraging volunteers to become involved in TNI activities and ensure a pool of volunteers is available for all types of committees.	Workgroup volunteers identified, will begin once volunteer recruitment and “pipeline” plan is in place. Anticipate beginning this activity in October 2022.
Create a plan for systematic outreach to data users to explain and promote the benefits of a quality management system.	Workgroup volunteers identified, will begin once volunteer recruitment and “pipeline” plan is in place.
Revise and update the “Introduction to TNI” presentation to create a webinar for new members.	TBD
Monitor EPA/federal activities for opportunities to share TNI’s activities and promote national accreditation.	Ongoing
Expand TNI Ambassador activity into additional non-NELAP states.	Ongoing volunteer Ambassadors are being identified. Ambassador activities will be incorporated into the Advocacy Charter. Discussed what information might be useful for Ambassadors to share with state contacts.
Sustain oversight of the Mentor Initiative.	Ongoing oversight of the Mentor Subcommittee. One new mentor request received. Decision to publicize availability of mentors in each newsletter, going forward.
Sustain organizing newsletter publication.	
Publish Spring Newsletter	Articles and authors identified; most have been submitted, a few were determined to be duplicative of recent articles and omitted or postponed. Steve Arms is the volunteer editor. Formatting for publication is underway.
Publish Summer Newsletter	Email publication sent May 5, 2022
Publish Fall/Winter Newsletter	NA
Sustain assistance to Executive Director for the winter Forum.	No activity until after summer conference.
Sustain assistance to Executive Director for the summer Environmental Measurement Symposium.	See 9.5 for more details.
Sustain support for Small Laboratory Advocate role.	Ongoing
Develop a “State of National Accreditation” report every two years and offer briefings to interested	May use Annual Report in place of this document; decision by end of calendar year,

stakeholders.	as State of National Accreditation was issued in 2021.
Work with other trade associations to develop National program at the Federal level.	TBD
Maintain relationships with other organizations (WEF, AWWA, ACIL, ASTM, etc.), EPA program offices, other federal agencies, and non-NELAP state agencies that have an interest in accreditation issues.	Ongoing.
Provide outreach (e.g., presentations and papers) to promote The NELAC Institute and TNI's programs.	Ongoing. Recommendation provided to Board about how TNI might respond to EPA's Environmental Justice Initiative. Jerry will be presenting at the Texas Trade Fair on May 10, the Virginia WaterJAM conference on September 12, and the Oregon Environmental Laboratory Association on October 18. Discussing potential response options to published article about shortcomings of accreditation (LC/GC North America, March 2022, Volume 18, Issue 3 Pages: 30–32.)
NEW: Perform 5-year review of Advocacy SOPs	Updated SOPs 1-115 (Newsletter) and 1-118 (Position Statements) have been approved and sent to Policy Committee for review.. SOP 1-122 (Advocacy Documents) awaits approval and revised Presentations POL 1-115 is pending review. New Ambassador SOP 1-126 awaits review and comment by committee.

9.2 Policy Committee

2022 Activities	Status
Review Internal Audit Checklists	Working on top portion of the checklist for all Committees. Completion delayed until mid-March as two critical SOPs are being updated that need to be included in the checklist (see below). Internal Audit Checklists are now being reviewed and should be ready for use after first Policy meeting in May.
Continue to Review SOPs and Policies	Completed update of SOP 1-101 (Operation of TNI Committees) and approved by the Board on March 9. SOP 1-125 (Committee Applications) has been updated and approved by the Board on April 13. SOP 1-101 (Operation of TNI Committees): Editorial changes approved. SOP 3-102 (Evaluation of Accreditation Bodies): Review completed and finalized by Policy. Ready for Board Review. SOP 2-101 (Procedures for Expert Committee Operation): Differences between this SOP and SOP 1-101 will be incorporated into SOP 1-101 in May

SOP -101 (Voting Procedure for General Business and Laboratory Accreditation Matters): Policy is working on incorporating procedures into SOP 1-102.
 SOP 1-118 (Development of Position Statements): Policy approved 4/22/22. Ready for Board review.
 SOP 1-115 (TNI Newsletter Preparation and Distribution): Policy approved 4/22/22. Ready for Board review.
 SOP 6-100 (Conducting Pilot Studies for New Concentration Ranges and Acceptance Limits for Source Sampling Audit Samples): Reviewed and sent back to SSAS for updates.
 SOP 6-101 (SSAS Table Management): Review started (5/5/22).
 SOP 1-102 (Voting Rules for TNI Committees): SOP being updated to incorporate differences between program voting SOPs so there can be one SOP on voting instead of multiple SOPs.

Begin Maintaining Glossary

No activity

9.3 Training Committee

2022 Activities	Status
Implement and expand Linked-In page.	LinkedIn page is now available and Jerry Thao is starting to work with other committees for content.
Work with Competency Task Force to develop Credentialing Program.	In progress.
Work with Competency Task Force to develop Digital Badge Program.	In progress.
Look for opportunities to collaborate with other training providers.	
Continue to develop ideas for training courses.	
	<p>The Microbiology Expert Committee is planning to develop a “Understanding Microbiology” course. Timing will likely be late Summer/Fall.</p> <p>The following courses are in development internally:</p> <ul style="list-style-type: none"> ○ Choosing the Right Analytical Protocol ○ Developing a Laboratory Specific Ethics and Data Integrity Training
Evaluate ways to automate certificates so cost can be reduced.	
Prepare and issue RFPs to meet Credentialing Program needs.	<p>RFPs were received from 4 trainers that will develop into 7 classes. Dates are being selected and contracts will be out for signature end of week. Classes will include:</p> <ul style="list-style-type: none"> – Sample handling, – Beyond the DOC, – Managing support equipment,

- Managing proficiency testing,
- Data integrity for field activities,
- Essential wastewater analyses, and
- Keeping the chain of traceability intact.

Working on dates for classes so contracts can be finalized.
Forming Workgroup to develop a course catalog with William.

Development of Course Catalog

9.4 2023 Forum on Environmental Accreditation

- January 9-12, 2022 in San Antonio; No effort until after summer conference.

9.5 2022 Environmental Measurement Symposium

The schedule is set and registration has opened. Details can be found at: <https://envirosymposium.group/> The Advocacy Committee meeting has been cancelled. Advocacy will meet by teleconference the following week to debrief the events that occurred. A training course, Understanding Microbiology, has been added for Friday morning. This class will be taught by members of the Microbiology Committee.

9.5.1 NEMC Abstracts

As shown in the table below, we have received 111 oral and 20 poster abstracts.

Advance in HRMS	2/1
Air Monitoring, Methods, and Technology	8/1
Analyzing Microplastics	6/2
Best Management Practices	4/0
Collaborative Efforts	11/1
Community Based Monitoring	5/0
Drinking Water	12/3
Environmental Forensics	2/0
Reducing Interferences in ICP/MS	5/2
Laboratory Informatics	5/0
Metals Analysis and Remediation	3/1
New Organic Monitoring Techniques	13/3
Operational Issues	10/0
Polyfluoroalkyl Substances	16/6
Shale Oil and Gas	5/0
Wastewater Surveillance	4/0

9.5.2 Keynote and Plenary Speakers

Keynotes

- *Managing Personnel with an Aging Workforce* – Fiona Middleton, Eurofins Environment Testing America
- Simple, Smart, Sustainable – Preparing Your Environmental Lab for the Future, Suneet Chadha, Perkin Elmer

- *Environmental Sustainability* – Andre Argenton, Chief Sustainability Officer, Dow Chemical

Plenary

- *EPA Priorities from the Infrastructure and Jobs Act*, Zealan Hoover, Senior Advisor to the EPA Administration for Infrastructure
- *EPA Actions as Part of the National Climate Task Force*, Benjamin DeAngelo, Deputy Director, NOAA Climate Program Office
- *Community Voices on Environmental Justice*, Louie Rivers, USEPA ORD
- *EPA's Strategy for Addressing PFAS in Water, Air, and Land*, Timothy Watkins, EPA Acting National Director for Health and Sustainable Communities

9.6 NGAB

- No activity.

9.7 Information Technology

2022 Objectives	Status
Continue to support the website and LAMS	Ongoing; Dan Hickman created a new AB category in LAMs, Supplemental Primary AB, to address situations where a laboratory has two primary ABs.
Continue to support the Mentor initiative	Ongoing
Support the credential initiative	No activity
Expand LAMS into non-NELAP states	No activity

10. TASK FORCES AND OTHER EFFORTS

10.1 Competency Task Force

2022 Objectivities	Status
Transfer Technical Expert concept to Quality Systems Expert Committee for final clarification and definition of role.	Completed February 2022.
Engage Credentialing Subcommittee and Expert Committees to create proposed structure for credentialing of defined roles.	Preparing business plan for potential credentialing program for presentation to TNI Board of Directors.
If decision to proceed, transform Task Force into a Committee and undertake pilot credentialing program for Quality Manager role, in accordance with approved business plan.	Discussion of Knowledge, Skills and Abilities (KSAs) needed for various roles fulfilled by QM is underway. Comparison of needed KSAs with content (learning objectives) of existing training courses is underway.
Coordinate with TNI Training Committee in developing courses	Once QM KSAs are identified, the needed courses and their content can be defined.
If pilot is successful, replicate with additional roles.	
Define the types of professional positions to which this program would apply.	NA
Prepare KSAs for roles in ways that enable course	NA

and exam creation for credentialing of individuals for those positions (voluntary use of credentials).

Establish generic competencies for each group. NA

10.2 Consumables Task Force

2022 Objectives	Status
Explore the feasibility of developing implementation guidance, an ultimately a standard for laboratory consumables.	Ultimate implementation will be ascertained as work progresses
Understand and identify the use of the term “critical consumable, services and supplies;” categorize as appropriate.	Critical consumables, services and supplies has been defined and items categorized
Provide expanded and detailed information related to documentation for meeting requirements of the Standard.	Work in process
Define evaluation criteria necessary for laboratories to meet the requirements of the Standard.	Certificate requirements being developed
Prepare and deliver an Annual Report for the previous year and Work Plan for the coming year for the annual meeting or whenever requested by the Executive Director.	Accomplished at the TNI Winter Meeting
Additional Comments/Concerns:	New members have been invited to participate on the Task Force; anticipate renewed activity of the Task Force in May 2022.

10.3 Mentor Initiative

- One new Mentor application was received and a Mentor was assigned

10.4 Environmental Monitoring Coalition

- Nothing to report.

11. MEMBERSHIP

- 1126 active members

11.1 Committee Applications – Voting/Associate

Committee	First Name	Last Name	Organization	V/ A
Expert: Laboratory Quality Systems	Alma	McCammond	City of Midland	V
Expert: Chemistry	Alma	McCammond	City of Midland	V
Expert: Microbiology	Alma	McCammond	City of Midland	V

11.2 New and Renewed Members:

- Of the 33 expired memberships from April, 9 renewed or requested an invoice after contact. Emails were sent to April expired members on May 1, 2022.

- 114 New and Renewed memberships in April, 2022

Gregory	Agee	L A County Sanitation
Helga	Alexander	International Accreditation Service
Michelle	Allison	Texas State University (EARDC Laboratory)
Javier	Ambriz	Las Virgenes Municipal Water District
Kim	Anderson	Jupiter Environmental Laboratories
Michelle	Anguiano	Austin Water - Laboratory Services
Lawton	Averill	Tunxis Laboratories, LLC
Akin	Babatola	City of Santa Cruz
Kesavalu	Bagawandoss	SGS North America
Daniel	Baquera	City of Beaumont / Water Utilities
Brent	Barron	Permian Basin Environmental Lab, LP
Rosemary	Bean	City of Santa Cruz
Robert	Benz	HORIZON Lab Systems
Douglas	Berg	independent contractor
Anne	Birch	City of Santa Cruz
Kelly	Black	Neptune and Company
Monica	Bofani	Lake County Health Department
Jennifer	Boone	Future Labs Inc
Lynn	Bradley	
Michael	Budny	Village of Wellington
Paul	Canevaro	US Ecology
Donnie	Cantu	Austin Water Utility - City of Austin
Rebeca	Castro	City of Laredo Health Department Laboratory
James	Chambers	FLUOR-BWXT PORTSMOUTH
Michael	Chanov	EA Engineering, Science, and Technology, Inc., PBC
Jennifer	Constantino	Massachusetts Water Resources Authority
Christopher	Couch	HORIZON Lab Systems
Michelle	Courtroul	City of Santa Cruz
Nicole	Crespi	PACE Analytical Services, LLC
William	Deckelmann	american water
Pat	Douglass	ANSI National Accreditation Board (ANAB)
Michele	Drzymkowski	Irvine Ranch Water District

Rebecca	Duranceau	CT LABORATORIES
Kyle	Eckert	WaterOne
Jessica	Erdman	City of Cape Canaveral
Monica	Eues	C-K Associates, LLC
Tom	Faltemier	Rayonier Performance Fibers, LLC
John	Farrell	Analytical Excellence, Inc.
Chuck	Faulk	St. Johns River Water Management District
Helen	Fitanides	
Christina	Frans	Washington State Department of Ecology
David	Fricker	
Candy	Friday	CdFriday Environmental, Inc.
Katie	Gattis	Element One
Vidia	Gillula	City Of Vallejo Water Dept. - Vallejo, CA
Wendy	Gimlin	Emerald Coast Utilities Authority
Edgar	Gravel	International Accreditation Service
Chris	Gunning	A2LA
Laurie	Hand	Village of Wellington
Velinda	Herbert	USEPA - NAREL
Pollie	Holtham	Sabine River Authority of Texas
Margaret	Hurst	ACZ
Mark	Johnston	A & B Labs
Mohammad	Karim	City of Santa Cruz
Julie	Keyser	A2LA
Keith	Klemm	ANSI National Accreditation Board (ANAB)
Rob	Knake	A2LA
Dan	Kocher	City of Santa Cruz Water Quality Laboratory
Jasmina	Kuljanac	
Natalie	Larimer	ANSI National Accreditation Board (ANAB)
R. Douglas	Leonard	ANSI National Accreditation Board (ANAB)
William	Lipps	Shimadzu
Diana	Losito	PACE Analytical Services, LLC
Natalie	Love	GEI Consultants, Inc.
Keith	McCroan	USEPA
Emily	McGregor	Eastex Environmental Laboratory
Trace	McInturff	
Richard	Medina	Waypoint Analytical, LLC.
Sharon	Mertens	Milwaukee Metropolitan Sewerage Dist.
Christine	Misner	Orlando Utilities Commission
Jennie	Munster	City of Santa Cruz
Roger	Muse	ANSI National Accreditation Board (ANAB)
Lindsay	Neun	City of Santa Cruz
Tram	Nguyen	City of Santa Cruz
Lars	Oldewage	Irvine Ranch Water District
Maria	Ortiz	City of West Palm Beach Laboratory Services
Minaxi	Parmar	City of Houston Wastewater Laboratory
Julia	Perales	City of Laredo Health Department
Shari	Pfalmer	Pace Analytical Services, LLC
Mitchell	Plum	Otay Water District

Jason	Poore	A2LA
Zaneta	Popovska	ANSI National Accreditation Board (ANAB)
Avis	Purrington	City of Richmond
Anna	Rachinsky	City of Kerrville Laboratory
Prasanth	Ramakrishnan	International Accreditation Service
William	Ray	William Ray Consulting LLC
Jessica	Redifer	
Christine	Riddle	FLORIDA-SPECTRUM ENV SERVICES
Stephanie	Rippeon	American Association for Laboratory Accreditation
Frank	Risk	Diversified Environmental Laboratories, Inc.
Elizabeth	Robling	Charlotte County Utilities
Amy	Roget	City of Santa Cruz
Carole	Rollins	Montecito Sanitary District
Jill	Rose	
Melanie	Ross	ANSI National Accreditation Board (ANAB)
Kaprie	Santjer	SGS North America Inc. - Wheat Ridge
Patrick	Selig	ANSI National Accreditation Board (ANAB)
Cory	Sellars	City of Beaumont
Nicholas	Slawson	A2LA
Patricia	Snyder	Analytical Excellence, Inc.
Devendra	Srivastva	Express Biomedical Labs
Karen	Steinhauer	Selma-Kingsburg-Fowler County Sanitation District (SKF CSD)
Jason	Stine	ANSI National Accreditation Board (ANAB)
Brian	Stringer	ERA
Shannon	Swantek	Enlightened Quality Analytics, LLC
Hannah	Truong	California Water Service Company
Elizabeth	Turner	Pace Analytical
Greg	West	International Accreditation Service
Laurie	Wieting	Nebraska Public Health Environmental Laboratory
Sara	Williams	Las Virgenes Municipal Water District
Brittany	Worthen	City of Petaluma
Traci	Yeary	Environmental Monitoring
Laura	York	Otay Water District
Natalee	Zupancic	First Environmental Laboratories

11.3 Expired Memberships

- 25 Memberships Expired in March

First Name	Last Name	Company/Organization
Patrick	Allen	Elsinore Valley Municipal Water District
Mary Ann	Baumgart	Minnesota Valley Testing Laboratories
Mike	Blades	ERA
Donna	Christopher	City of Tavares
Amy	Comer	City of Beaumont
Christina	Cotnam	City of Portland Water Bureau
Jack	Hall	MCL Inc
Shawn	Horsley	City of Ormond Beach

Gabrielle	Jones	Pace Analytical Services, INC-NOLA
Monica	Martin	City of Ventura Water Laboratory
Keri	Mauil	DNREC Division of Water ELS
DeWayne	McAllister	City of Olathe
Ashley	Parks	
Mark	Pendergast	State Hygienic Lab @ The University of Iowa
Michael	Schapira	Enthalpy Analytical, LLC
John	Shipman	South Feather Water & Power Agency
Daymond	Talley	Louisville & Jefferson County MSD
Lisa	Terry	LRT Consulting LLC
Nancy	Turnage	Tarrant County Public Health
Elena	Velez Reyes	City of San Angelo
Dan	Verdon	EnviroMatrix Analytical, Inc.
Kim	Walden	Milwaukee Metropolitan Sewerage District
Jenny	Wampler	Environmental Monitoring, Inc.
Cheryl	Watson	Alpha Analytical Laboratories, Inc.
Paula	West	Eastman Chemical Company