

TNI PT Program Executive Committee Meeting Summary

September 23, 2022

1. Roll call, approval of minutes and overview:

Chair, Stacie Crandall, called the virtual TNI PT Program Executive Committee (PTPEC) meeting to order at 1pm EDT on September 23, 2022. Attendance is recorded in Attachment A – there were nine (9) members present. Associate members present: Craig Huff, Tom Dziedzic and Amy DeMarco. Bob Shannon joined in as an invited guest for the Radiochemistry Uncertainty discussion.

The Committee discussed a change in date for the regularly scheduled monthly meetings. The Committee will be meeting the fourth Friday from 11:30am – 1pm Eastern.

The August meeting minutes were reviewed. A motion was made by Fred to approve the August 18, 2022 minutes as written. The motion was seconded by Patrick Selig and there was no further discussion. The motion was unanimously approved.

2. Update

- Radiochemistry FoPT limits are still being updated by Shawn Kassner. Need the updated footnotes so the committee can vote on these new limits.
- Analytes/Method codes. NELAP AC will be leading this effort and requesting assistance as needed.

3. SOP 7-101: TNI Accreditation Body Evaluation and Recognition Procedure used by the PT Program Executive Committee and NEFAP Executive Committee

The Policy Committee reviewed our SOP and had some recommended changes. Ilona shared the document on Webex and reviewed the changes being proposed. The biggest change is calling “witness/observation” only “witness”. There were also format changes based on the new SOP style guide and changes to definitions.

The Committee did not object to any of the changes and will wait to approve until all the changes discussed are made.

4. Radiochemistry

Bob Shannon reviewed why reporting uncertainty is important. He then introduced the document the Radiochemistry Expert Committee provided as an option for reporting. They prefer the third option.

These are PTs for DW and the DW Standard does require reporting uncertainty. The TNI standard also requires it.

The Radiochemistry Expert Committee feels it must be reported, but not as strongly that it has to be evaluated at this time.

Comments:

Craig commented that it would be beneficial for the Committee to look at the presentation given by Bob in San Antonio. He can send it by email. It shows old and new limits and the changes to limits based on incorporating uncertainty. Craig thinks it is a good idea. No push back from his organization.

Problems should have been getting caught historically by labs having problems with their PTs.

Iлона will share the presentation with the Committee when she receives it from Bob or Craig.

The next step will be to look at how uncertainty will impact limits through data evaluation. Data will be provided by the Radiochemistry Expert Committee. This will be included in next month's agenda.

5. New Business.

None

6. Action Items

The action items can be found in Attachment C. Attachment B includes a list of reminders.

7. Next Meeting

The next meeting will be by teleconference on October 28, 2022 at 11:30am Eastern.

The meeting was adjourned at 2pm Eastern.

Attachment A
Participants
TNI
Proficiency Testing Program Executive Committee

Members	Rep	Affiliation	Contact Information
Stacie Crandall (2025*) (Chair) Present	Lab	HRSD	scrandall@hrsd.com
Ilona Taunton, Program Administrator Present		TNI	tauntoni@msn.com
Susan Jackson (2025*) (Vice-Chair) Present	Lab	South Carolina DHEC	jacksosb@dhec.sc.gov
Carl Kircher (2024) Present	AB	Florida Department of Health	Carl.Kircher@flhealth.gov
Shawn Kassner (2023*) Absent	Lab	<u>Kaycha Labs</u>	skassner@kaychalabs.com
Andy Valkenburg (2024) Absent	Other	QASE Inc.	cvalkenbur@aol.com
Tim Milller Absent	Other	Phenova	timm@phenova.com
Eric Smith Absent	Other		eric.smith72@comcast.net
Michella Karapondo (2022) Present	Other	USEPA	karapondo.michella@epa.gov
Fred Anderson (2023) Present	Other	Advanced Analytical Solutions, LLC	Fred@advancedqc.com
Jennifer Bordwell (2023) Present	Lab	Upper Occoquan Service Authority	jennifer.bordwell@uosa.org
Scott Haas (2023) Absent	FSMO/ LAB	Environmental Testing, Inc.	shaas@etilab.com
Rachel Ellis (2022*) Present	AB	New Jersey DEP	3achel.ellis@dep.nj.gov
Patrick Selig (2024*) Present	AB	ANAB	pselig@anab.org
Prasanth Ramakrishnan (2024*) Present	AB	ISA	pramakrishnan@iasonline.org

Attachment B

Backburner / Reminders – TNI PT Executive Committee

	Item	Meeting Reference	Comments
7	Add the Field PT Subcommittee to the limit update SOP during its next update.	3/4/10	In Progress
11	Evaluate how labs are accredited for analytes that co-elute.	5-19-11	See meeting reference for details.
13	Charter needs to be reviewed/updated in November.	Ongoing	
18	Shawn noted that PTPEC should have some specific measurements. This should be passed along to the PTP SOP Subcommittee. Nicole noted that we need to determine which items to measure.	6-29-17	To be added to 2021 goals.

Attachment C: PTPEC Committee Action Item Summary – 2022

Item	Task Description	Document Number	TNI Contact	Task Added	Start Date	Due Date	Complete Date	Comments
295	PTPA Checklist needs to be updated to 2016 Standard.		Ilona		TBD	April 2021		2/17/21: Ilona has a DRAFT for SASS. Shawn and Ilona need to develop PTPA's from 2016 Standard. 5/20/21: Ilona sent Shawn a DRAFT PTPA checklist. 6/15/22 Update: Complete
349	FoPT Table Subcommittee: - Review LAMS table vs FoPT table. - WET FoPT table format needs to be finalized.			4/20/17	4/20/17			2/17/21: Changes have been corrected for all tables except WET. The WET FoPT subcommittee will take this on as part of the development of the new table. The review of LAMS was completed. CLOSED – WET issue continued in Item 454 below.
368	Forward Jerry's question to Chemistry FoPT Subcommittee. (Analyte code change for the non-polar extractable materials.)			8/24/17	8/24/17			2/17/21: SMK to discuss this issue with the PTPEC as to the impact and process of database changes. 2/18/21: Shawn had communication with Jerry and Dan. HEM and HEM-Silica Gel changes made to FoPT table. 8/17/22: CLOSE – New Analyte/Method Code initiative will address if needed.
431	Discuss with IT Committee the need for LAMS updates to be communicated to the PTPEC.			10/31/19				2/17/21: Shawn to discuss with Mei Beth and Jerry.

Item	Task Description	Document Number	TNI Contact	Task Added	Start Date	Due Date	Complete Date	Comments
432	DW FoPT Table – Lines 17-26 need to be reviewed with LAMS Administrator. PTPEC is going to use what was originally in the table instead of what is currently in LAMS.			10/31/19				2/17/21: Shawn will follow-up with Dan to complete. COMPLETED – DW table updated.
437	Reach out to Sennet Kim and ANAB to confirm there is still an issue related to SCM FoPT table metals footnotes for fixed limits.			3/26/20	3/26/20			2/17/21: On-going Shawn working with William to access data. 4/21/22: Shawn to follow-up. Sennet has left A2LA. 8/17/22: Shawn thinks this is still an issue. Need to look at this during evaluations. Fred said Nick Slawson is taking over as PT contact for A2LA.
445	Send PCB survey to Ilona so she can arrange to have it sent out.		Shawn Ilona	6/18/20	6/18/20			9-17-20: Shawn is working on this and will get to Ilona when complete. 8/17/22: CLOSED. Problem was taken care of. No survey needed.

Item	Task Description	Document Number	TNI Contact	Task Added	Start Date	Due Date	Complete Date	Comments
454	Form WET FoPT Subcommittee		Shawn	2/18/21				<p>2/18/21: Shawn will ask Rami for membership recommendations.</p> <p>3/18/21: Shawn to talk to Rami about chairing Subcommittee.</p> <p>7/21/22: Fred willing to Chair to get Subcommittee started.</p> <p>8/17/22: Fred is willing to Chair subcommittee to get it started. Stacie will reach out to possible members. Ilona will send a final request for membership to the WET Committee (voting and associate). Determine Scope for this Subcommittee during August meeting in order to send request.</p>
455	Update SOP 4-107: FoPT Table Management	SOP 4-107	PTP SOP Subcommittee	2/19/21			4/21/22	<p>2/18/21: Need procedures to make non-ARA changes to the table?</p> <p>3/16/21: Received initial Policy Committee comments to review.</p> <p>4/21/22: PTPEC approved. Sent to Policy Committee.</p> <p>8/12/22: Policy sent comments to PTPEC. Add to agenda.</p>

Item	Task Description	Document Number	TNI Contact	Task Added	Start Date	Due Date	Complete Date	Comments
456	Update SOP 4-101: Recommendation, Evaluation, and Calculation of Acceptance Criteria and Applicable Concentration Ranges for Proficiency Tests	SOP 4-101	PTP SOP Subcommittee	2/18/21	2/18/21			2/18/21: Combined workgroup established to complete SOP. 3/18/21: workgroup met and SOP Subcommittee will send final DRAFT to Chemistry FOPT Subcommittee for examples. Update 8/17/22: Examples requested from Chemistry FoPT Subcommittee that has not met. PTPEC needs to talk about when the next limit updates will occur.
457	FoPT table updates sent by email	- DW FoPT - NPW FoPT - SCM FoPT - DW Rad FoPT		2/18/21	2/18/21		5/31/21	2/18/21: Shawn will check-in with PTPAs, NELAP AC, and PT Providers about implementation timing so PTPEC can set an effective date. 5/31/21: FoPT tables posted on the TNI website.
458	Improve communication with non-TNI AB stakeholders.			2/18/21	8/1/22			8/1/22: Discussed at Crystal City meeting. Need to help Advocacy update the White Paper to help reach out to other states. Ambassador program. Also need to include more non-NELAP ABs in the Executive and Expert committees. Outreach needed.

Item	Task Description	Document Number	TNI Contact	Task Added	Start Date	Due Date	Complete Date	Comments
459	ARA: PFAS on DW table		Chemistry FoPT Subcommittee	12/1/20				12/1/20: ARA sent to Chemistry FoPT Subcommittee 2/18/21: Shawn has requested data. Subcommittee will start working on this after data is received. 5/21/21: Data has been received. There may not be enough. Need to determine next steps. Update 8/17/22: Survey of labs is complete, and data needs to be looked at. Amy DeMarco will be new chair and they will start meeting again in August/September.
460	Develop PT Program metrics			2/18/21	5/21/21			Update 8/17/22: Developed partially as Charter was updated. Need to formalize.
461	Finish update to Radiochemistry FoPT Table	- DW Rad FoPT		2/18/21				2/18/21: Table submitted to PTPEC. PTPEC waiting for SOP 4-101 to be complete before reviewing table. 4/21/22: Table footnotes need to be updated before PTPEC can vote. Shawn will make these updates.
462	Feasibility: Radiochemistry Uncertainty to PT Evaluations			2/18/21	2/22			Jan 2022: Discussed in San Antonio. Radiochemistry Expert Committee to submit recommendation. 7/21/22: Recommendation sent to PTPEC for review.
463	Feasibility: Technology Based PTs			2/18/21				
464	Feasibility: Add Prep Methods on FoPT tables			2/18/21				

Proposed Table of Toxicity Test Conditions for WET DMR-QAs (& WET PTs)

Analyte Code	Test Code	EPA Test Mtd	Test Organism	Test Type / Duration	Chamber Size (recommended)	Solution Volume (minimum)	Total Volume Sample/Day (minimum)	# Organisms per Chamber	# Reps (minimum)	Organism Age	Temp.
754, 755	13, 14	2000.0	<i>Pimephales promelas</i>	48-hr static non renewal	250 ml	200 ml	1 L	10	2	7-11 days, 24 hr range in age	25°C
808, 810, 812, 814	15, 16	1000.0	<i>Pimephales promelas</i>	7-d static renewal (renew daily)	500 ml	250 ml	2.5 L	10	4	<48-h, 24 hr range in age	25°C
764, 765	19, 20	2002.0	<i>Ceriodaphnia dubia</i>	48-hr static non renewal	30 ml	15 ml	1 L	5	4	<24 hr	25°C
767, 768, 770, 771	21, 22	1002.0	<i>Ceriodaphnia dubia</i>	3-brood static-renewal study (renew daily until ≥60% surviving control females have 3 broods, max 8 d)	30 ml	15 ml	1 L	1	10	<24-h, 8-hr range in age	25°C
788	32	2021.0	<i>Daphnia magna</i>	48-hr static non renewal	30 ml	25 ml	1 L	5	4	<24 hrs	25°C
794	38	2021.0	<i>Daphnia pulex</i>	48-hr static non renewal	30 ml	25 ml	1 L	5	4	<24 hrs	25°C
798	42	2007.0	<i>Mysidopsis bahia</i>	48-hr static non renewal	250 ml	200 ml	1 L	10	2	1-5 days, 24 hr range in age	25°C
816, 818	43	1007.0	<i>Mysidopsis bahia</i>	7-d static renewal (renew daily)	8 oz / 400 ml	150 ml	3 L	5	8	7 days	26°C
803	44	2006.0	<i>Menidia berylina</i>	48-h static non renewal	250 ml	200 ml	1 L	10	2	9-14 days, 24 hr range in age	25°C
825, 826	45	1006.0	<i>Menidia berylina</i>	7-d static renewal (renew daily)	600 – 1,000 ml	500-750 ml	6 L	10	4	7-11 days, 24 hr range in age	25°C
804	46	2004.0	<i>Cyprinodon variegatus</i>	48-h static non renewal	250 ml	200 ml	1 L	10	2	7-11 days, 24 hr range in age	25°C
820, 822	47	1004.0	<i>Cyprinodon variegatus</i>	7-d static renewal (renew daily)	600 – 1,000 ml	500-750 ml	6 L	10	4	< 48-hrs, 24 hr range in age	25°C

Note: the dilution series for all tests should be 0, 6.25, 12.5, 25, 50, and 100%; the dilution water for the freshwater studies should be moderately hard water with a hardness range of 80-100 mg/L and an alkalinity range of 57-64 mg/L, while the dilution water for the saltwater studies should have a salinity of 25 ppt.