

**Radiochemistry Expert Committee (REC)
Meeting Summary**

November 20, 2019

1. Roll Call and Minutes:

Terry Romanko, Chair, called the meeting to order at 3pm Eastern on November 20, 2019 by teleconference. Attendance is recorded in Attachment A – there were 6 members present. Associate members in attendance: Jim Chambers, Bob Shannon (until 1:25pm Eastern), Stan Stevens and Amanda Fehr.

Meeting minutes are distributed by email for comment/revision for a week and then posted on the TNI website.

2. Training Material for Newport, CA Meeting

Terry expects to have more time to focus on the training in the next few weeks.

3. Revision of Standard

Terry has another possible Standard change topic he would like to discuss. It deals with independent calibration verification. Terry pulled up the language for initial calibration in the 2016 Standard. There is discussion of different types of calibrations. How would one go about doing a calibration verification for different scenarios? If he drew out a tuna can geometry and he could set out a density of 1.4. He could even set a density for every sample. Generally, a density is set that is not too far away from the density he is actually using. What determines what the calibration is and where do we verify?

Bob Shannon noted that the approach used needs to be validated. It would need to span the range of physical characteristics. You are not really replacing the physical calibration, you are making modifications of it. If you are going to correct the density, you have to verify the correction worked across the range of density. Bob would do a low and high point standard. You would measure a traceable standard. You need an unbroken chain of measurements.

Terry noted that the manufacturer will tell you they have a fully validated package. They give it you and you need to do an independent calibration with an independent source.

Bob commented if the manufacture gave you models that they already tested, you may be able to use that.

Section 1.7.1.3 – Calibration Verification should better address the topics above.

Terry asked about timing for a public webinar. Ilona noted that the proposed changes need to be put in a format for sharing. The notice should go out 4-8 weeks before the meeting. Terry thinks mid-February would work well.

4. Technical Manager

Terry thinks this has been well talked through. However, there are full service labs that need a technical manager with lots of experience in all the different methods and technologies. Then there are smaller labs that do limited testing. Should the requirements be different between these types of labs? Could education requirements be different. Terry doesn't want to write the requirements in such a way that a small lab can't achieve the requirements because they don't do all the different technologies.

Greg commented that this idea would take a lot more documentation and he wouldn't want to go to that level of detail.

The Committee can continue to think about it.

Ilona commented that another idea that is being discussed is the possibility of developing a technical manager class that could replace some of the requirements. Experience? Education? Terry asked if it would be a week-long class or how long it would be? Those are details that would need to be worked out. The class length may be different for different fields. Robert and Greg would be concerned about how much documentation would need to be reviewed to make something like this work.

5. New Business

None.

6. Action Items

A summary of action items can be found in Attachment B.

7. Next Meeting and Close

The next meeting will be planned by email since the 4th Wednesday is December 25th.

A summary of action items and backburner/reminder items can be found in Attachment B and C.

The meeting was adjourned at 3:42 pm Eastern. (Motion: Sherry Second: Robert Unanimously approved.)

**Attachment A
Participants
Radiochemistry Expert Committee**

Members	Affiliation		Contact Information
Terry Romanko Chair (2021*) Present	TestAmerica Laboratories, Inc.	Lab	Terry.romanko@testamericainc.com
Sherry Faye (2022*) Present	Wadsworth Center, NY State DOH Albany, NY	AB	sherry.faye@health.ny.gov
Velinda Herbert (2021*) Absent	National Analytical Environmental Laboratory	Lab	Herbert.velinda@epa.gov
Brian Miller (2021*) Present	ERA	Other	bmiller@eraqc.com
Ron Houck (2021) Absent	PA DEP/Bureau of Laboratories	AB	rhouck@pa.gov
Yoon Cha (2020) Present	Eurofins Eaton Analytical	Lab	YoonCha@eurofinsUS.com
Candy Friday (2020) Absent	CdFriday Environmental, Inc.	Lab	candy@fridayllc.com
Greg Raspanti (2022*) Present	New Jersey Department of Environmental Protection	AB	Greg.Raspanti@dep.nj.gov
Pepa Sassin (2022*) Absent	EPA - Region 3	Other	Sassin.Pepa@epa.gov
Robert Aullman (2022*) Present	Utah Department of Health	AB	aullman77@gmail.com
Ilona Taunton (Program Administrator)	The NELAC Institute	n/a	Ilona.taunton@nelac-institute.org

Attachment B

Action Items – REC

	Action Item	Who	Target Completion	Completed
90	Send note about method codes and concerns to the PT Expert Committee. Is there a way to limit the codes a lab can use to report PT data?	Bob	TBD	
93	Discuss new PT criteria at next FoPT Chemistry subcommittee meeting	Bob and Keith	3/21/19	
94	Harmonize Excel Checklist with Word Checklist	Terry and Candy	3/27/2019	In progress.
95	Provide information for training data package to Terry.	Yoon	TBD	
96	Let Ilona know if training material needs to be pre-recorded for Jacksonville.	Terry	7/15/19	

Attachment C – Back Burner / Reminders

	Item	Meeting Reference	Comments
5	Form subcommittee of experts in MS and other atom counting techniques to see that these techniques are adequately addressed in the radiochemistry module.	9/24/14	
6	From Action Item # 75: Prepare copy of Standard annotated with summary document language.		This is a project Carolyn was working on, but the committee decided it may duplicate the Small Lab Handbook. This project has been put on Hold.