

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

**September 25, 2024**

## 1. Roll Call and Minutes:

Amanda Fehr, Chair, called the meeting to order at 1pm Eastern on September 25, 2024 by teleconference. Attendance is recorded in Attachment A – there were 9 voting members present. Associate members in attendance: Joe Pardue, Rhonda Ridenhower, Velinda Herbert, and Larry Jassin.

There were no changes to the agenda and it was approved by unanimous consent.

## 2. Technical Specialist Discussion

Iлона reviewed the previous discussion on Technical Specialist.

Amanda noted that Radiochemistry spent a lot of time preparing the previous language submitted to the QMS Expert Committee. 1 year of experience is not sufficient for a Radiochemistry Technical Specialist. The Committee even defined it with further divisions to ensure the technical specialist is qualified.

Amanda summarized discussion in the Analytical Disciplines Workgroup. Is Radiochemistry 1 or 4 Analytical Disciplines?

In the past, labs had multiple people filling the role of “Technical Specialist”. This is more similar to what ISO/IEC 17025:2017 discusses. Now there are labs that hire people that fit the paperwork requirements for Technical Director, but the actual work is being done by other people that have more experience.

In the Radiochemistry field you can have someone that is the go to persons for instrument repair, for sample prep, and for running the method. It is not usually one person doing start to finish. In some labs people do actually do the analysis from start to finish. It is not consistent. Does this complicate the development of Analytical Disciplines?

At some point someone is actually responsible for the data.

An area that got watered down in the new QMS language for Module 2 is that you can be gaining experience at the same time for multiple technologies.

What about the larger lab companies that have technical experts in Corporate. How do these people fit in? How does this impact small labs and their viability?

Radiochemistry needs more from a temporary Technical Specialist than what is in Module 2.

Is the language focused on ensuring data is of documented quality or focused on finding people that meet a requirement?

For credentialing Radiochemistry - would someone have to take a test that includes all 4 Analytical Disciplines to pass or should it stay separated? Experience will show up in the testing. If someone does not have experience, they may need to take classes to pass an exam.

Ilona noted this also affects assessments because assessors would need to know all 4 or they could only assess the ones they are competent to assess.

It was noted that not all Radiochemistry laboratories do all types of radiochemistry analysis. This should be considered in making a decision on how many Technical Disciplines/Analytical Disciplines Radiochemistry should have. Seems like it should be more than one discipline.

### 3. Radiochemistry Expert Committee: Vice-Chair

Need a vice-chair. Obligation is just the meeting. Don't need to commit that you are willing to be the Chair to take this roll.

### 4. New Business

None.

### 5. Action Items

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

### 6. Next Meeting and Close

The next meeting will be October 23, 2024 at 1pm Eastern.

Amanda adjourned the meeting at 1pm Eastern.

**Attachment A  
Participants  
Radiochemistry Expert Committee**

<b>Members</b>	<b>Affiliation</b>		<b>Contact InAffirmativemation</b>
Amanda Fehr – Chair (2026) <b>Present</b>	GEL	Lab	amanda.fehr@gel.com
Sherry Faye (2025) <b>Present</b>	Wadsworth Center, NY State DOH Albany, NY	Lab	sherry.faye@health.ny.gov
Abigail Africa (2027*) <b>Present</b>	Oklahoma Department of Environmental Quality	Lab	Abigail.africa@deq.ok.gov
Laura Freeman (2027*) <b>Present</b>	New Jersey Department of Environmental Protection	AB	Laura.freeman@dep.nj.gov
Stan Stevens (2026) <b>Present</b>	Perma-Fix Environmental Services	Other	stanws@aol.com
Mark McNeal (2027*) <b>Present</b>	ACZ Laboratories, Inc.	Lab	markm@acz.com
Jim Chambers (2026) <b>Present</b>	Fluor-BWXT Portsmouth LLC	Other	jim.chambers@ports.pppo.gov
Chrystal Sheaff (2027) <b>Present</b>	Energy Laboratories, Inc.	Lab	csheaff@energylab.com
Mary Beth Gustafson (2027) <b>Present</b>	Virginia	AB	mary.gustafson@dgs.virginia.gov
Ilona Taunton (Program Administrator) <b>Present</b>	The NELAC Institute	n/a	Ilona.taunton@nelac-institute.org

**Attachment B**

**Action Items – REC**

	<b>Action Item</b>	<b>Who</b>	<b>Target Completion</b>	<b>Completed</b>
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	12/27/23: On hold until notified.
120	Terry Contact Lem Walker clean water MQOs. Joe Pardue will provide Terry with DoD limits.	Terry Joe Pardue	TBD	Needed for Non-DW FoPT limits. 4/24: Bob Shannon is now working on this.
121	Discuss whether to look at the QSM and comments submitted to determine whether some additional changes should be made to the TNI final Standard.	All	TBD	
124	Determine whether in meeting trainings should be offered as Webcasts.	All	TBD	12/27/23: Discuss at next meeting.
125	Breakout Group to work on PT criteria (FoPT) for non-potable water and to potentially address other matrices.	Robert/Bob/ Keith		
126	Discuss Bob Shannon’s proposal for participants in the PT Program to establish the requirements they want to be evaluated against. Discuss with PTPEC and PT Providers.	Amanda Bob	TBD	
127	Review NEFAP EC Comments and the new QSM Expert Committee Module 2 DRAFT Technical Specialist language and determine whether Radiochemistry needs to add language to Module 6.	All		8/28/24: Action Item added.

### Attachment C – Back Burner / Reminders

	<b>Item</b>	<b>Meeting Reference</b>	<b>Comments</b>
5	Affirmativem 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	12/27/23: Technology is acknowledged in new Standard. It has been addressed.
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.  12/27/23: No need. Small Lab Handbook is sufficient.