

Radiochemistry Expert Committee (REC) Meeting Summary

August 23, 2023

1. Roll Call and Minutes:

Terry Romanko, Chair, called the meeting to order at 1pm Eastern on August 23, 2023 by teleconference. Attendance is recorded in Attachment A – there were 10 voting members present. Associate members in attendance: Keith McCroan and Mark McNeal.

The meeting service is changing. We will begin using Webex for sound and screen sharing instead FreeConference for sound. A reoccurring meeting invite has gone out and everyone should have received an invitation to accept it so that it is automatically entered into your calendar for the 4th Wednesday of every month. Terry's agendas will serve as reminders for the meetings.

2. Updates

Technology Workgroup

Jim has still not heard anything regarding the startup of this group.

3. QSM Draft Module 6 Tables

Terry provided copies of the all the tables and corresponding comment sheets with the agenda. He would like everyone to respond individually instead of responding as a TNI Expert Committee. The deadline for submitting comments is one week from today. He also reminded everyone that this is a DoD document and not a TNI document.

4. Training Needs

There was agreement that doing the first training during the winter meeting in Columbus, OH would be better than trying to do it during NEMC. There is limited meeting availability in the schedule.

Chrystal shared that when she talked to people in Minneapolis, a lot of labs want to understand the basics. They don't run radiochemistry, so they are not interested in the deep science aspect. They just want a basic class. They don't know what data looks like coming off an instrument. The list of items for the training works. They are curious why some data takes longer to get. What does uncertainty mean related to the number that is reported? What does all this mean?

The training will be geared towards talking to a chemist that is not a radiochemist.

The training can start with Radiochemistry 101? Then go into specific components. The first training would be more general.

In addition to Chrystal, Amanda, Abby and Terry, Mary Beth has offered to help pull this training together also. It will be in 4 months at the winter meeting. Ilona will need a description by November/December so we can be sure it goes into the brochure and online with a good description of the training and the goal of the series.

Part of the training may include looking at a report and discussing what it means. Perhaps there can breakout sessions. May be helpful to compare the DoD vs TNI requirements? Get a number of different lab reports.

Down the road, a good exercise could be how to calculate a gross alpha result.

(Addition: The training will be on January 23, 2024, Tuesday, 1-3pm Eastern in Columbus, OH.)

Terry would like to see if we can expand what can be broadcasted. This will need to be discussed by the October meeting.

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 September 27, 2023 at 1pm Eastern. *(Addition: The September meeting was canceled. The next meeting is October 25, 2023.)*

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

Terry adjourned the meeting at 2 pm Eastern.

**Attachment A
Participants
Radiochemistry Expert Committee**

| Members | Affiliation | | Contact InAffirmativemation |
|---|--|-------|--|
| Terry Romanko Chair (2024) Present | TestAmerica Laboratories, Inc. | Lab | Terry.romanko@testamericainc.com |
| Sherry Faye (2025) Present | Wadsworth Center, NY State DOH Albany, NY | Lab | sherry.faye@health.ny.gov |
| Velinda Herbert (2024) Present | National Analytical Environmental Laboratory | Lab | Herbert.velinda@epa.gov |
| Brian Miller (2024) Present | ERA | Other | bmiller@eraqc.com |
| Stan Stevens (2026) Present | Perma-Fix Environmental Services | Other | stanws@aol.com |
| Amanda Fehr (2026) Present | GEL | Lab | amanda.fehr@gel.com |
| Jim Chambers (2026) Present | Fluor-BWXT Portsmouth LLC | Other | jim.chambers@ports.pppo.gov |
| Patrick Garrity (2026*) Absent | Kentucky | AB | patrick.garrity@ky.gov |
| Greg Raspanti (2025) Absent | New Jersey Department of Environmental Protection | AB | Greg.Raspanti@dep.nj.gov |
| Chrystal Sheaff (2024*) Present | Energy Laboratories, Inc. | Lab | csheaff@energylab.com |
| Mary Beth Gustafson (2024*) Present | Virginia | AB | mary.gustafson@dgs.virginia.gov |
| Ilona Taunton (Program Administrator) Present | 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 | |
| 116 | Place comments into Comments Response Form/Table to prepare for final voting on comments. (SOP-2-100-Rev3.4-CSDP-StandardsDevelopment-ResponseToCommentsForm) | Terry | 9/20/22 | |
| 117 | Send SIR 441 Response to LASEC. | Terry | 10/25/22 | X |
| 118 | Prepare SIR Review notification to the LASEC to confirm SIRs were reviewed in preparation for the Standard update. | Terry | TBD | |
| 119 | Establish a list of questions for the Radiochemistry training. | All | Ongoing | |
| 120 | Terry Contact Lem Walker clean water MQOs. Joe Pardue will provide Terry with DoD limits. | Terry Joe Pardue | April 2022 | |
| 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 | |
| 122 | Prepare training description for brochure and online program. | Training Workgroup | 11/15/23 | |
| 123 | Prepare training for 2 hour time slot at Winter Meeting. Review with Committee for finalization. | Training Workgroup | 1/12/24 | |
| 124 | Determine whether in meeting trainings should be offered as Webcasts. | All | TBD | |

Attachment C – Back Burner / Reminders

| | Item | Meeting Reference | Comments |
|---|---|--------------------------|---|
| 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 | |
| 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. |