

Radiochemistry Expert Committee (REC) Meeting Summary

January 24, 2018

1. Roll Call and Minutes:

Bob Shannon, Chair, called the meeting to order at 1:04pm Central in Albuquerque, NM on January 24, 2018. Attendance is recorded in Attachment A – there were 2 members present. Associates: Carolyn Wong, Larry Penfold and Sherry Faye (NJ DEP) (by Webex).

The following people were present at the meeting: Nilda Cox (Eurofin), Deb Waller (NJ DEP), Cory White (Radiochemist), John Radick (Lawrence Livermore Lab), Alia Servin (Oregon), Bill Reeves (Eurofin), Pamela Schemmer (TestAmerica), Richard Bibby (Lawrence Livermore Lab), and Maria Friedman (CA ELAP).

Bob noted that this will be a short meeting and that Bob, Larry and Carol would spend the remainder of the afternoon finishing preparation of the Thursday training course.

Bob described that the meeting minutes will be distributed by email for comment/revision for a week and then posted on the TNI website.

2. Committee Summary

Bob noted that the committee started work in 2012. It completed an update to the Standard in 2016 – TNI 2016 Environmental Laboratory Standard. Two radiochemistry assessment checklists for the 2016 Standard will be available in February. The committee also worked on a Chapter 6 of the Small Laboratory Handbook for Radiochemistry. The Handbook will be useful not only to all labs ... not just small ones. Bob encouraged people to get a copy because there is lots of information. In fact, it has enough detail that it is twice as long as the Standard.

Technical training is scheduled for tomorrow (Method 904).

3. 2016 Standard Checklist

Larry said he'd take a look at the updated Excel version of the checklist. The checklist was originally developed in Word. He has gotten through 40% and will have the rest to Ilona by 2/11/18. Bob mentioned to the ABs that he would encourage people to use the Word version of the Checklist. It might be easier to use. The questions are the same between the Excel and Word versions.

4. Status on TNI PT Acceptance Criteria SOP

Bob and Keith McCroan are continuing to work with the PT Program to update the Radiochemistry FoPT limits . Bob and Keith are proposing a different procedure for calculating the limits. The current limits are very wide. Using the current distribution of PT results to set the acceptance limits may introduce a bias and result in overly wide acceptance criteria. They want to eliminate the bias, look into adding more matrices, and also provide a mechanism that would allow limits to be established consistent with data quality objectives / measurement quality objectives.

Bob and Keith will provide a request for what data information they need. This will be provided by February to Maria, Ilona, and Carl Kircher. Maria will help the committee put together a request for data to the PT Providers. Bob and Keith will then take the data and tabulate proposed limits to be compared to the current procedure.

5. Standard Revision

Bob reminded everyone to keep sending items for consideration for the revision of the Standard. The committee has not started this effort yet, but Bob has been keeping track of suggestions being made for the next update.

6. Training

The committee is planning to do more training in Louisiana in August. It will have a similar format to what is planned tomorrow. It will deal with liquid scintillation counting for tritium and gross alpha and beta.

7. New Business

- None

8. Albuquerque, NM Training

The meeting portion was closed and the meeting continued with Bob, Larry and Carolyn working on the training for tomorrow. They reviewed the training to determine end points for breaks, who would present which sections, and completed the quiz.

9. Action Items

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

10. Next Meeting and Close

The next meeting is scheduled for February 28, 2017 at 1pm Eastern by teleconference.

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

The meeting was adjourned at 3:42pm Central.

Attachment A
Participants
Radiochemistry Expert Committee

Members	Affiliation		Contact Information
Bob Shannon (Chair) (2019) Present	QRS, LLC Grand Marais, MN	Other	BobShannon@boreal.org
Tom Semkow (Vice Chair) (2019) Absent	Wadsworth Center, NY State DOH Albany, NY	AB	thomas.semkow@health.ny.gov
Sreenivas (Vas) Komanduri (2019) Absent	State of NJ Department of Environmental Protection Trenton, NJ	AB	Sreenivas.Komanduri@dep.state.nj.us
Marty Johnson (2019) Absent	US Army Aviation and Missile Command Nuclear Counting Redstone Arsenal, AL	Lab	Mjohnson@tSC-tn.com
Velinda Herbert (2021*) Absent	National Analytical Environmental Laboratory	Lab	Herbert.velinda@epa.gov
Brian Miller (2021*) Absent	ERA	Other	bmiller@eraqc.com
Terry Romanko (2021*) Present – by WEBEX	TestAmerica Laboratories, Inc.	Lab	Terry.romanko@testamericainc.com
Ron Houck (2018*) Absent	PA DEP/Bureau of Laboratories	AB	rhouck@pa.gov
Yoon Cha (2020) Absent	Eurofins Eaton Analytical	Lab	YoonCha@eurofinsUS.com
Candy Friday (2020) Absent	CdFriday Environmental, Inc.	Lab	candy@fridayllc.com
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
86	Review Excel 2016 Standard Checklist for finalization.	Larry Penfold	2/15/18	
87	Review DRAFT PPT for the New Mexico training.	All	1/15/18	Complete
88				

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	Pending further action
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.