

Radiochemistry Expert Committee (REC) Meeting Summary

May 27, 2020

1. Roll Call and Minutes:

Terry Romanko, Chair, called the meeting to order at 1pm Eastern on May 27, 2020 by teleconference. Attendance is recorded in Attachment A – there were 7 members present. Associate members in attendance: Keith McCroan (Guest), Carl Kircher, Bill Ray and Mary-Beth Gustafson.

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

2. Radiochemistry DW FoPTs

Still waiting for PTP Executive Committee to finish SOP 4-101 that will contain the new Radiochemistry procedure for setting DW limits.

3. PT Samples

- The Committee continued to discuss the issue Keith raised regarding Uranium.

The Committee thinks they need to involve the PTP Executive Committee (PTPEC). Topics to be discussed would include how true values in a PT sample are determined and there may need to be some inclusion of prep method.

Ilona noted that the PTPEC has a strategic action item to look at method prep and PTs, but they are not ready to look at this.

Maybe form a workgroup and sit in on a PTPEC meeting and let them know about the issue related to prep.

- Bob and Keith can once again work with the Chemistry FoPT Subcommittee to assist in their discussion of NPW Radiochemistry FoPT limits.

Ilona noted that if the committee would like to see more TNI FoPTs for Radiochemistry, they need to find a sponsor to do that. Carl (Florida) is sponsoring the addition of NPW FoPTs for Radiochemistry.

ERA and other PT Provider's do have other Radiochemistry PTs available. Carl would be interested to see what PTs and data are available for SCM. Robert noted that there is a use for solid FoPTs in Utah.

Carl noted that when accredited PTs are not available they rely on the on-site evaluation and looking at DOCs and data.

Terry noted that ERA covers nearly all Radiochemistry PTs except Technetium-99 is missing. They may use slightly different nucleotides, but they are similar.

Terry asked Brian. What is the overall participation rate for multi media - radioisotope products (m-rad) study? He sees about 34 labs per study – twice a year. 10-11 labs do filter. Not every lab reports every single product.

Carl mentioned that there is something in Volume 3 about true values and verification of assigned values. Ilona noted that issues in Volume 3 would be handled by the PT Expert Committee.

Right now the focus of Volume 3 would relate to DW FoPTs for Radiochemistry.

Which PT providers have accreditation for Radiochemistry analytes outside of the TNI scope. Brian noted they have ISO/IEC 17043 accreditation, but m-rad is not on there. The DW Radiochemistry is.

After we have FoPTs for NPW, will ERA add these to their scope. ERA will have to research the value of it.

Terry will look at Volume 3 and see how it fits in with this discussion.

Next step will be to look at limits for NPW. Keith noted he will help with this. He hasn't heard from Bob yet. Terry asked for any other committee volunteers. Robert will help with this effort too. Keith, Robert and Bob should meet and discuss and then approach the Chemistry FoPT Subcommittee with a proposal. Brian is interested too. Terry will check in with Bob.

Discussion will continue next month.

4. Public Webinar

Ilona asked if there is anyone that needs to be specifically invited that might not be already on TNI's mailing list. Terry doesn't have any specific list to send it to.

The Public Webinar will be June 12th at 1pm Eastern.

Terry will check with Eurofins to see if their mailing list can be shared or they can send the invite TNI sends to their mailing list.

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 June 24, 2020 at 1pm Eastern.

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

The meeting was adjourned at 1:40 pm Eastern. (Motion: Greg 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
Mark Johnson (2023*) Absent	Louisiana	AB	mark.johnson@la.gov
Stan Stevens (2023*) Present	Perma-Fix Environmental Services	Lab	stanws@aol.com
Amanda Fehr (2023*) Absent	GEL	Lab	amanda.fehr@gel.com
Jim Chambers (2023*) Present	Fluor-BWXT Portsmouth LLC	Other	jim.chambers@ports.pppo.gov
Greg Raspanti (2022*) Present	New Jersey Department of Environmental Protection	AB	Greg.Raspanti@dep.nj.gov
Robert Aullman (2022*) Present	Utah Department of Health	AB	aullman77@gmail.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
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	
98	Public Webinar will be held.	Terry	6-12-20	
99				
100				

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.