

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

**July 13, 2015**

### 1. Roll Call and Minutes:

Bob Shannon, Chair, called the meeting to order at 1:00 pm CT on July 13, 2015 in Chicago, IL. Attendance is recorded in Attachment A – there were 8 members present. Associate Members: Brian Miller, Bill Ray, Joe Pardue, Ron Houck, Terry Romanko, Reed Jeffery, Tom Patton, and Yoon Cha.

The committee was able to finish the agenda early. Bob returned after the break time and met with a few TNI members who were hoping to learn more about Radiochemistry (Polly Newbold – DDMS, Brooke Roeker – DDMS, Julie Eldridge – TCEQ, N. D. Kaku – TCEQ and Frank Martinez – TCEQ.)

### 2. Recap Status on Standard and Process Ahead

Bob summarized the committee's current status. The Interim Standard is complete and is ready for posting. Only the changes since the VDS are to be voted on. All comments received after the VDS vote have been addressed and the responses are ready to go out to the commenters. The Interim Standard should be open for voting within the next few weeks.

### 3. Issues with PT Voting Draft Standard from Radiochemistry Perspective

Vas described the issue. Bob, Carolyn and Vas had similar comments on the PT Voting Draft Standard (VDS). Generally, the language in the PT VDS did not always clearly differentiate between requirements applicable to chemistry and radiochemistry. These three voted negatively based on their comments. The PT Expert Committee found the comments persuasive and tried to make some changes, but Bob, Carolyn and Vas don't think the issues were addressed. The standard is now becoming an Interim Standard and Ken Jackson has said this will be addressed through the comment and voting of the Interim Standard.

Bob sent an email that includes approaches and language to address the issue

#### 4. Tools for Implementation of the Standard

Now that work is winding down on the standard, the committee needs to get started on looking at implementation of the Standard. There have been some significant changes to the Standard. Bob will be giving a presentation Wednesday afternoon to summarize the changes to the Radiochemistry Standard. Bob asked that everyone participate on the subcommittees that need to be developed to prepare implementation tools.

##### Assessment Checklist

A checklist needs to be developed for ABs to use during assessment of the laboratories. Many people did not like the current format. A subcommittee needs to be formed to review what is currently in place and look at other options that might be more effective. Ilona reminded the committee that the checklist is part of a larger checklist for Quality Systems, so the Quality Systems Expert Committee should be kept in the loop when the committee starts to make format decisions. It needs to work for everyone.

Bob asked for volunteers to serve on this subcommittee: Larry, Vas, Marty, and Ron Houck.

The subcommittee should start meeting and preparing an update for the next Radiochemistry Expert Committee meeting.

##### Training for Labs and Training for Assessors/ABs

There was much discussion regarding what was already out there in the lab community for training. Bob and others have done training through other organizations. TNI would like to offer a training at the next meeting in late January (in Tulsa). This training needs to be developed.

A subcommittee needs to be developed to assess what type of training is needed, what options are out there to give the training (meetings, webinars, webcasts, conferences), and how will the training be developed.

Bob hoped to encourage anyone to volunteer for this subcommittee. He plans to assist with this task and will look to Carolyn and any others for help (please identify yourselves!).

##### Ideas for Tools

There were no additional ideas, but this will be further discussed at an upcoming meeting.

## 5. Small Laboratory Handbook

The Quality Systems Expert Committee is working on the update of the Small Laboratory Handbook. They would like to include a section for the Radiochemistry Standard. Dale Piechocki (from Quality Systems and an associate member of Radiochemistry) has volunteered to coordinate this effort. Dave Fauth and Yoon volunteered to help. Yoon will be a good representative of a small lab. Ariana offered to help review material.

Ilona noted that his committee does have some freedom as to what should be covered in the section. Each section could be discussed or the chapter can be devoted to covering things that might be troublesome for a lab.

Dale encouraged people to start sending him key points that should be covered.

The subcommittee should start meeting and prepare an update for the next Radiochemistry Expert Committee meeting.

## 6. New Business

- None.

## 7. Action Items

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

## 8. Next Meeting and Close

The next meeting will be planned by email.

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

The meeting was adjourned 2:30 pm CT. (Motion: Larry Second: Vas Unanimously approved.)

**Attachment A**  
**Participants**  
**Radiochemistry Expert Committee**

Members	Affiliation		Contact Information	
			Phone	Email
Bob Shannon (Chair) <b>Present</b>	QRS, LLC Grand Marais, MN	Other	218-387-1100	<a href="mailto:BobShannon@boreal.org">BobShannon@boreal.org</a>
Tom Semkow (Vice Chair) <b>Present - Phone</b>	Wadsworth Center, NY State DOH Albany, NY	AB	518-474-6071	<a href="mailto:tms15@health.state.ny.us">tms15@health.state.ny.us</a>
Sreenivas (Vas) Komanduri  <b>Present - Phone</b>	State of NJ Department of Environmental Protection  Trenton, NJ	AB	609-984-0855	<a href="mailto:Sreenivas.Komanduri@dep.state.nj.us">Sreenivas.Komanduri@dep.state.nj.us</a>
Marty Johnson  <b>Present - Phone</b>	US Army Aviation and Missile Command Nuclear Counting  Redstone Arsenal, AL	Lab	865-712-0275	<a href="mailto:Mjohnson@tSC-tn.com">Mjohnson@tSC-tn.com</a>
Dave Fauth  <b>Present - Phone</b>	Consultant  Aiken, SC	Other	803-649-5268	<a href="mailto:dj1fauth@bellsouth.net">dj1fauth@bellsouth.net</a>
Carolyn Wong  <b>Present - Phone</b>	Lawrence Livermore National Laboratory  Livermore, CA	Lab	925-422-0398	<a href="mailto:wong65@llnl.gov">wong65@llnl.gov</a>
Keith McCroan  <b>Present - Phone</b>	US EPA ORIA NAREL,  Montgomery AL	Lab	334-270-3418	<a href="mailto:mccroan.keith@epa.gov">mccroan.keith@epa.gov</a>
Nile Ludtke  <b>Absent</b>	Dade-Moeller and Associates  Oak Ridge, TN	Other	865-481-6050	<a href="mailto:nile.luedtke@moellerinc.com">nile.luedtke@moellerinc.com</a>
Larry Penfold  <b>Present - Phone</b>	Test America Laboratories, Inc; Arvada, CO	Lab	303-736-0119	<a href="mailto:larry.penfold@testamericainc.com">larry.penfold@testamericainc.com</a>
Richard Sheibley  <b>Absent</b>	Sheibley Consulting, LLC	Other (Former AB)	651-485-1875	<a href="mailto:RHSHEIB111@yahoo.com">RHSHEIB111@yahoo.com</a>
Ilona Taunton (Program Administrator) <b>Present</b>	The NELAC Institute	n/a	828-712-9242	<a href="mailto:Ilona.taunton@nelac-institute.org">Ilona.taunton@nelac-institute.org</a>



**Attachment C – Back Burner / Reminders**

	<b>Item</b>	<b>Meeting Reference</b>	<b>Comments</b>
1	Update charter in October 2015	n/a	
2	Issue of noting modifications to methods.	1/16/13	
4	Look at need to reference year for any standard references– which version is being referenced. Is this necessary?	5/22/13	
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	