

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

**February 24, 2016**

1. Roll Call and Minutes:

Bob Shannon, Chair, called the meeting to order at 1 pm Eastern on February 24, 2016 by teleconference. Attendance is recorded in Attachment A – there were 7 members present. Associate Members: Joe Pardue, Jim Chambers, and Terry Romanko.

Meeting minutes from the previous meeting will be distributed by email for review.

2. NEMC Meeting in August 2016

Bob shared the meeting schedule for the summer meeting. The Expert committees will be doing training at this meeting. Since Radiochemistry did training in Tulsa, our committee does not have a planned meeting in Orange County.

The committee needs to decide whether they have additional training to do in Orange County. The training in Tulsa went well and it was well attended. Bob will further discuss this with Jerry and see if he wants a repeat of the Tulsa training that took 4 hours. Bob will send the PPTs from the Tulsa meeting to the Committee.

Dave asked if there was any feedback on the Tulsa training that can be used to develop future training.

3. Subcommittee Update

Assessor Training - Vas attended the training in Tulsa via the Webex. He thought the training went well. Bob emailed the final version of the summary document to the committee. Since some people in attendance at the Tulsa meeting were concerned that the document could be interpreted as a guidance document, it was not distributed prior to the training.

Bob asked if the committee wanted to prepare the document as an official guidance document. Vas commented that reference to the Standard needs to be changed from 2015 to 2016.

Carolyn thought it was a good idea. She noted that she started to take the summary document and dropped the summary document language directly into the Standard as italicized blue text. This would be easier to follow. The comments could also be added hidden text. She thought putting it into one document reduces the redundancy.

Vas thinks the guidance document needs to look different from the Standard or it could be very confusing to people. There also needs to be a disclaimer.

Larry likes the idea of the comments with the actual text. The format could be changed to make it clear it is not the Standard.

Bob noted that some parts of the Standard may be more difficult to add the annotation to. He agrees a disclaimer needs to be added.

Tom is concerned that this dwells on the same thing. It is too repetitive and he is not sure it is all needed. Carolyn noted that this could be taken care of by deciding what to add so it is not too repetitive. Vas supported Tom's comment with the concern that the new Standard is more detailed and it may not need such a document. He also noted that the Small Laboratory Handbook is being worked on. He questioned if this is too repetitive.

Bob thought there is a need for a number of new people in the radiochemistry community and for assessors.

Vas asked again about the Small Laboratory Handbook. Bob thought the level of detail will be less in the Handbook. Dave noted that there will be less detail compared to the Standard, but it is expected to give a lab guidance in getting started with implementation to the Standard.

Leaving the summary document as is means the work is 90% done. Combining it into the Standard will be a lot of work.

Bob asked if the group would like to remove the redundancy and annotate the Standard with the summary document language. Vas would like to see an example of what this would look like. Bob will put together a short example together and then the committee can decide whether to move forward.

### Checklist Subcommittee

Larry distributed an updated version of the checklist that incorporates many of the comments already received.

Larry and Vas have been working on the checklist and they have 7 pages complete. Larry expects there will be about 23 pages when the checklist is done. Larry would like a third active contributor working on the checklist. He is concerned it will take too long with only 2 people. Carolyn offered to start helping in May. Bob would like to have a rough DRAFT by August. Bob reminded everyone that associates can be a subcommittee member.

Vas asked if the language can be changed a bit without adding a change to the meaning of the language. He thinks some of the language is not straight forward enough. It would be helpful to use question format.

Larry noted that as long as the meaning is not changed and it is only rephrased as a question, it should not be a problem changing some of the wording. This will make the review much more important. Everyone needs to make sure to look for these types of issues as they review the Checklist.

Jim Chambers asked how the checklist compares to the DOECAP checklist. The subcommittee noted that they are patterning the format of the checklist closely after DOECAP. The front page is organized for the TNI accreditation process. There is a crosswalk between ANSI 41.5 and the Standard – nor is there a formal crosswalk with DOECAP.

Tom asked to look at question #36. He is questioning the term – “at least”. Larry noted that a higher frequency can be done, but at least monthly. Larry can see some changes he can make to the language to make it more clear.

Bob noted good progress is being made. Everyone is asked to continue to review the questions and provide comment to Larry.

### Training for Labs

Carolyn asked what the target dates for training are and how long. Bob said it is likely winter and at least 4 hours. If more time is needed, this may be possible.

Carolyn talked about choosing 2 or 3 methods and using these methods to show how to apply the Standard. There could be some role play – an analyst struggling and a QA Manager helping them. Bob noted that the training does not necessarily need to just focus on labs.

Vas asked how to bring labs to the training. Will it be Webex or live? Carolyn assumed it would be done at a conference and she is hoping it can also be a webinar.

Bob noted that marketing for the training would be done well in advance once dates are selected. TNI mailing list would be used.

### Small Laboratory Handbook

Dave is using the Chemistry format as an example of how to organize the Radiochemistry section. He is hoping to have a draft in the next month in order to get some feedback. Bob reminded Dave that Dale Piechocki is interested in helping. Dave still needs examples to include in the discussion section.

4. New Business

None.

5. Action Items

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

6. Next Meeting and Close

The next meeting will be March 23, 2016 by teleconference and Webex.

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

The meeting was adjourned at 2:13pm Eastern.

**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</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</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>Absent</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</b>	Consultant  Aiken, SC	Other	803-649-5268	<a href="mailto:dj1fauth@bellsouth.net">dj1fauth@bellsouth.net</a>
Carolyn Wong  <b>Present</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</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</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>
Ron Houck  <b>Absent</b>	PA DEP/Bureau of Laboratories	AB	717-346-8210	<a href="mailto:rhouck@pa.gov">rhouck@pa.gov</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 B

### Action Items – REC

	<b>Action Item</b>	<b>Who</b>	<b>Target Completion</b>	<b>Completed</b>
74	Provide example of Standard with comparison document language incorporated.	Bob	3-15-16	
75	Complete rough DRAFT of assessment checklist by August.	Checklist Subcommittee	8/31/2016	

**Attachment C – Back Burner / Reminders**

	<b>Item</b>	<b>Meeting Reference</b>	<b>Comments</b>
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	Consider preparing an impact statement on the effects of the new standard. This may be part of the “crosswalk” prepared to compare the old and new standard.	10/21/15	Ilona checked with LASEC and this is not needed. Completed.