

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

January 27, 2016

1. Roll Call and Minutes:

Bob Shannon, Chair, called the meeting to order at 1:03 pm Central on January 27, 2016 in Tulsa, OK. Attendance is recorded in Attachment A – there were 8 members and 5 associates present.

2. DRAFT Comparison to 2009 Standard

Bob shared the Comparison (New Standard vs. 2009 Standard). Bob would like to see this document come out as a guidance document.

He will be using it within the training in the morning.

3. Assessment Checklist

Larry showed an example of the checklist he is working on with the subcommittee. It will be available as a tool to use and adapt to AB needs.

Will there be a separate checklist for each technology? The subcommittee would prefer to have one checklist.

Larry noted that they collected a number of organizational and state checklists and debated pros and cons to develop their checklist.

The first page of the checklist allows someone to identify the methods that were looked at.

The next page has an example of an area that will be assessed – SOPs. There were items from Module 2 and Module 6.

Another example is Method Validation that comes from Module 6. This section has been expanded from the 2009 Standard.

There are four people working on this task and the subcommittee is about 20% complete.

Once the subcommittee prepares the checklist, it will then go to the Radiochemistry Expert Committee for review and approval.

George Detsis asked what is meant by solid on the first page. Larry said this came up last week and they are being asked to indicate more about the solid. Soil should be stated or air filter, etc ... Larry understands they may not be able to capture all, but it can be modifiable. The checklist is not a requirement and can be modified or another checklist can be used. The committee is hoping the checklist will be good enough that people will want to use it – which will also save them time and effort.

The committee decided not to add specific method criteria to this checklist. It is only referring to the Standard.

George asked whether PTs are included in Module 6. The PT info is in the TNI PT Volumes and Modules.

4. Status on Training for Labs

This is on the back burner, but the subcommittee hopes to have some training in the summer at NEMC in Orange County. There is no report at this time.

There is discussion about Radiochemistry Technical Training, but that will happen in connection with the finalization of the Standard. It will probably happen in 2017/2018.

One meeting participant asked if there is a conflict with other people doing Radiochemistry training. Some states have offered training. Our training will be open to everyone and Bob does not think there is any conflict. Manufacturer training is specific to instruments and our training is specific to our Standard.

5. Small Lab Handbook

Dave Fauth is working on this within the Radiochemistry committee.

Dale Piechocki gave some history about the Handbook and described the format provided from the Quality Systems Expert Committee.

Dave expects to have a DRAFT at the February Radiochemistry meeting.

TNI's goal is to complete the handbook by December 2016.

6. New Business

- George Detsis noted that DOE had a workshop in September. They talked about new PTs – asphalt, concrete, oil, etc ... The matrices for radionuclide analysis has been expanding. There is only one provider for radiochemical PTs currently.

Ilona pointed out that Maria Friedman is the contact for PT and there is an application for adding analytes to FoPT tables.

7. Action Items

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

8. Next Meeting and Close

The next meeting will be February 24, 2016 by teleconference.

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

The meeting was adjourned by Bob at 2:58pm Central Time.

Attachment A
Participants
Radiochemistry Expert Committee

Members	Affiliation		Contact Information	
			Phone	Email
Bob Shannon (Chair) Present	QRS, LLC Grand Marais, MN	Other	218-387-1100	BobShannon@boreal.org
Tom Semkow (Vice Chair) Absent	Wadsworth Center, NY State DOH Albany, NY	AB	518-474-6071	tms15@health.state.ny.us
Sreenivas (Vas) Komanduri Absent	State of NJ Department of Environmental Protection Trenton, NJ	AB	609-984-0855	Sreenivas.Komanduri@dep.state.nj.us
Marty Johnson Absent	US Army Aviation and Missile Command Nuclear Counting Redstone Arsenal, AL	Lab	865-712-0275	Mjohnson@tSC-tn.com
Dave Fauth Absent	Consultant Aiken, SC	Other	803-649-5268	dj1fauth@bellsouth.net
Carolyn Wong Absent	Lawrence Livermore National Laboratory Livermore, CA	Lab	925-422-0398	wong65@llnl.gov
Keith McCroan Absent	US EPA ORIA NAREL, Montgomery AL	Lab	334-270-3418	mccroan.keith@epa.gov
Nile Ludtke Absent	Dade-Moeller and Associates Oak Ridge, TN	Other	865-481-6050	nile.luedtke@moellerinc.com
Larry Penfold Present	Test America Laboratories, Inc; Arvada, CO	Lab	303-736-0119	larry.penfold@testamericainc.com
Richard Sheibley Absent	Sheibley Consulting, LLC	Other (Former AB)	651-485-1875	RHSHEIB111@yahoo.com
Ron Houck Absent	PA DEP/Bureau of Laboratories	AB	717-346-8210	rhouck@pa.gov
Ilona Taunton (Program Administrator) Present	The NELAC Institute	n/a	828-712-9242	Ilona.taunton@nelac-institute.org

Attachment B

Action Items – REC

	Action Item	Who	Target Completion	Completed
72.	Provide feedback to Bob on Tulsa training presentation.	All	1/20/16	
73	Provide feedback to Larry on Standard Checklist.	All	1/26/16	

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	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.
7			