TNI Chemistry FoPT Subcommittee
Meeting Summary
June 14, 2011

1. Roll call and Meeting Minutes:

   Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on June 14, 2011 at 12:07 EST. Attendance is recorded in Attachment A. There were 8 members on the call today.

2. Update

   The Chair did not remember if the subcommittee approved Thallium as a continued accreditation NPW FoPT 4 weeks ago (when we last had a quorum). To be on the safe side, Thallium was considered again. Eric made a motion for Thallium as NPW FoPT at 80-800 ug/L concentration range and acceptance criteria the new regression equations with a,b,c,d as Jeff presented on the pdf file dated 11/11/2010. Jeff seconded the motion. When called for vote, the motion passed unanimously.

3. NPW FoPT Tables

   <u>Tin</u>

   A motion was made by Stephen to update the limits for Tin on the NPW FoPT accreditation table to +/- 30% fixed and a concentration range of 200 – 2000 ug/L. The motion was seconded by Stephen. It was unanimously approved.

   <u>Titanium</u>

   The study concentration was 61-324 ug/L. It passed SOP criteria except for Stdev R^2 Eval > 0.75. It passes fixed limit criteria at 10.8%. Eric suggested +/- 15% fixed limits.

   A motion was made by Stephen to update the limits for Titanium on the NPW FoPT accreditation table to fixed limits of +/- 15% and a concentration range of 60 – 300 ug/L. The motion was seconded by Stacie.

   Jeff asked if the range could be extended to 600 ug/L to keep it consistent with other limits. Stephen preferred to keep it lower due to solubility.

   The motion was unanimously approved.

Vanadium

The study concentration was 100-1970 ug/L. It passed SOP criteria. There was a back burner item for this analyte – a request to consider a low concentration of 50 ug/L. It passes fixed limit criteria at 11.9%. In DW, the concentration range is 50 – 1000 ug/L. The PTRL will be around 42 ug/L.

A motion was made by Eric to update the limits for Vanadium on the NPW FoPT accreditation table to fixed limits of +/- 15% and a concentration range of 50 – 2000 ug/L. The motion was seconded by Stephen and unanimously approved.

Zinc

The study concentration was 102-1980 ug/L. It passed SOP criteria. It does not pass fixed limit criteria. If 200 ug/L is used as the lower limit, it would pass fixed limit criteria at about 13%. Eric would recommend not going lower than 200 ug/L. Stephen recommended 300 ug/L.

A motion was made by Stephen to update the limits for Zinc on the NPW FoPT accreditation table to fixed limits of +/- 15% and a concentration range of 300 – 2000 ug/L. The motion was seconded by Stacie and unanimously approved.

5-Day BOD

The study concentration was 18.5 - 231 ug/L. It passed SOP criteria. It does not pass fixed limit criteria. The present range is 15 – 250 ug/L. Dan T. noted there are a lot of inconsistencies between the providers on this one. Carl looked at the footnote associated with this analyte in the table. It needs to be based on an estimated mean – so the footnote needs some additional wording.

4. Action Items

Updates were made directly to the Action Table.

5. New Business

None.

6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be June 28, 2011, at 12:00 PM EST.

Action Items are included in Attachment B and Attachment C includes a listing of reminders.

The meeting was adjourned at 1:24 pm EST. (Motion: Stephen Second: Jeff Unanimously approved.)

Attachment A

Participants
TNI
Chemistry FoPT Subcommittee

Members	Affiliation	Contact Information
Carl Kircher, Co-Chair **Present**	Florida DOH	904-791-1574 carl_kircher@doh.state.fl.us
Joe Marotti **Present**	RT Corp	 crucinski@rt-corp.com 307-721-5485
Amy Doupe **Absent**	Lancaster Laboratories, Inc.	717-656-2300 x1812 aldoupe@lancasterlabs.com
Jeff Lowry **Present**	ERA	303-431-8454 jlowry@eraqc.com
Chuck Wibby **Absent**	Wibby Environmental	303-940 -0033 cwibby@wibby.com
Eric Smith **Present**	TestAmerica	615-726-0177 x1238 eric.smith@testamericainc.com
Dan Tholen **Present**	A2LA	231-929-1721 Tholen.dan@gmail.com
Stephen Arpie **Present**	Absolute Standards, Inc.	203-281-2917 stephenarpie@mac.com
Dan Dickinson **Present**	New York, DOH	518-485-5570 dmd15@health.state.ny.us
Stacey Fry **Present**	E.S. BABCOCK & Sons, Inc.	951-653-3351 x238 sfry@babcocklabs.com
Ilona Taunton, Program Administrator **Present**	TNI	828-712-9242 tauntoni@msn.com

Attachment B

Action Items – Chemistry FoPT Subcommittee

	Action Item	Who	Expected Completion	Actual Completion
13.	Prepare letter to ABs to find out their needs on analytes that may be under consideration for deletion. *(3/24/09 – It was determined that these tables are used by more than just ABs. This needs to be reconsidered.)*	TBD	TBD	
46	Re-evaluate experimental volatile halocarbons for fixed limits when the rest of the volatile halocarbons are evaluated for an NPW table update.	All	On-going	
74	Check with Eric on SC request for low level EDB, DBCP. Send back to PT Executive Committee.	Carl	10/26/10	
82	Recalculate 2-Butanone based on discussion.	Jeff	4/5/11	Sent at beginning of meeting today. Resend.
84				
85				

Attachment C

Backburner / Reminders – Chemistry FoPT Subcommittee

	Item	Meeting Reference	Comments
1	Review summary data to see if it supports a change in the acceptance criteria for DW analytes (For example, VOA, 30% instead of 20%). If data is supportive, Jeff Lowry will approach ELAB.	10-30-08	3/10/09 - Jeff has approached ELAB. They would be happy to put it in a work group – and pass it along with a letter to EPA. We need to provide them with the data. 2/23/10: Jeff will forward the VOA data. Jeff noted that the data supports the tighter limits. He will provide the information to ELAB and they will decide whether to approach EPA. 5/4: Jeff is working with ELAB on this now. 7/19: The workgroup is continuing to work on this and should discuss this on the September 2010 call. 9/21: No work has been done in ELAB – so this has been delayed a month.
3	Consider changing the lower limit for Vanadium on WP to 50 ug/L.	6-30-09	
4	Consider nomenclature differences between the analyte codes and the FoPT tables.	2-23-10	
6	From PT Board: South Carolina requested that low level EDB and DBCP (8011) be added to the NPW table.	4-15-10 PT Board Meeting	They were added to the solids table where they were experimental. They were not experimental on the NPW table.
7	Review completed NPW table and look for	11-30-10	

	grouped analytes that behave similarly and look for consistent criteria. Compare results to Drinking Water values too.		
8	Follow-up on Xylene question sent to PT Executive Committee.	1-11-11	Complete