

**TNI Chemistry FoPT Subcommittee
Meeting Summary
October 19, 2010**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on October 19, 2010 at 12:05 pm EST. Attendance is recorded in Attachment A. There were 7 members on the call today.

The minutes from the October 5th and 12th meetings were reviewed. Dan Tholen motioned to accept both sets of minutes. The motion was seconded by Chris and unanimously approved.

2. Review of FoPT Tables

Carl prepared 6 Excel files to update the FoPT table information based on the PT Executive Committee direction provided by Eric. Eric provided additional comments by e-mail this week:

- 1) *On the NPW accreditation table, I noticed there is a crossed out section in foot note 3. Will that crossed out section be removed before the table goes to the PT Executive Committee, or does that cross out need to stay on the table?*

Jeff commented that the subcommittee has tried to show changes in the past. The group agreed the cross-out will remain. A note will be added to the cover page to alert the PT Executive Committee that the table will be cleaned up before it is posted.

- 2) *On the S&CM experimental table, there are a number of crossed out analytes. Will those crossed out analytes be removed before the table goes to the PT Executive Committee or do they need to stay on the table that way?*

Jeff questioned why the analytes were left on the table crossed out considering they were not previously on the table. They are experimental analytes.

Jeff made a motion to remove the crossed out analytes on the SCM FoPT table and move them back to the experimental PT table at their previous limits. Stephen seconded the motion and the subcommittee unanimously approved the motion.

There was some discussion regarding nomenclature: Parathion Methyl verses Methyl Parathion. The table had Parathion Ethyl listed. Chris noted that the analyte codes use different nomenclature in some instances. The subcommittee agreed that the analytes should be listed as Parathion Ethyl and Parathion Methyl

on the FoPT table. The analyte code should be appropriate for the analyte and the group decided not to be concerned about nomenclature issues at this time. Jeff, Dan and Chuck noted that they were more concerned about consistency.

- 3) *On the NPW experimental table, the effective date listed is March 1, 2011. Does that need to be changed to July 1, 2011?*

The date will be changed to July 1, 2011.

- 4) *The NPW and S&CM tables still appear to need to have their formatting fixed (lines and page breaks).*

OK.

Jeff commented that there were 12 analytes that were not to be moved to the accreditation table. They were sent back to the PT Executive Committee. Jeff pointed out that the analytes meet the experimental analyte 2003 NELAC Standard requirements. He feels it should be noted why they were not moved – some were due to problems with the analyte, and others were due to insufficient “n”.

Additional Discussion:

- The issue of possibly changing the Limit SOP to have fixed limits around a low bias method such as a 90% recovery was discussed. Jeff noted that the a, b, c and d factor would be something like 0.9, 0, 0.2 and 0, respectively. The problem is the perception of low bias methods and how one would display this on the FoPT table, even though it is true the method has a consistent low bias across the concentration range.

Dan prefers to set the limit at a +/- % around the AV and fail laboratories below the fixed limit even though the regression shows a lower low acceptance limit. This is in line with better quality data.

Jeff noted that several of the NPW semivolatile analytes (pesticide, BNA, etc.) have this exact method bias situation and was wondering if the subcommittee could find a way to express this in the FoPT tables and perhaps change the SOP to accommodate. *(Added: Jeff noted by e-mail that several of the DW semivolatile analytes are already set at a fixed limit because of the CFR, even though the methods are biased.)*

- Jeff sent updates for the two drinking water tables – accreditation and experimental. He reviewed the tables with the subcommittee. He has a few more corrections to make and he will resend these. The subcommittee should plan to review and vote on these tables at the next meeting. Carl will check the PTRLs and send out a reminder to the subcommittee that they will vote next week.

3. NPW FoPTs

Alpha-BHC

Beta and Delta were approved at different concentration ranges – Jeff asked why? He would suggest that they all be the same at 2-20 ug/L.

Jeff motioned to re-evaluate the concentration of Alpha-BHC to be a concentration of 2-20 ug/L instead of 1.5 – 15 ug/L. The motion was seconded by Dan and unanimously approved.

Gamma-BHC (Lindane)

Passed SOP acceptance criteria. The study data was 2 – 15 ug/L. The lab reporting limit is 0.05 ug/L.

A motion was made by Jeff to update the limits for Gamma-BHC on the NPW FoPT table to the regression equation with the abcd coefficients described in the information provided by Jeff (pdf file dated 8-16-2010) and a concentration range of 2 – 20 ug/L. The motion was seconded by Dan and unanimously approved.

4. New Items

None.

5. Action Items

- Updates are included in the table.
- Backburners items relating to the NPW table were reviewed. The SC item will go back to PTEC and Vanadium will be considered.

6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be October 26, 2010, 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 1:38 pm EST (Motion: Dan Second: Chuck 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
Chris Rucinski Present	RT Corp	crucinski@rt-corp.com
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 Present	Wibby Environmental	303-940 -0033 cwibby@wibby.com
Eric Smith Absent	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 Absent	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 – <i>It was determined that these tables are used by more than just ABs. This needs to be reconsidered.</i>)	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	
72	Consider a different header name instead of Synthetic Organic Contaminants. Ideas?	All	10/19/10	
73	Forward Dacthal e-mail and consider need for a footnote.	Eric All	10/19/10	
74	Check with Eric on SC request for low level EDB, DBCP.	Carl	10/26/10	

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	<p>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.</p> <p>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.</p> <p>5/4: Jeff is working with ELAB on this now.</p> <p>7/19: The workgroup is continuing to work on this and should discuss this on the September 2010 call.</p> <p>9/21: No work has been done in ELAB – so this has been delayed a month.</p>
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.