TNI Chemistry FoPT Subcommittee
Meeting Summary
May 11, 2010

1. Roll call:

Co-Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on May 11, 2010 at 12:05 pm EST. Attendance is recorded in Attachment A. There were 8 voting members present on the call today.

2. SCW FoPT Update

Mid Level Naphthalene

Meets criteria. Stephen commented that Mid Level PTs don't make sense. People that can meet the low level should be able to see the mid level. Jeff noted that there are ABs that want the mid level. He asked if there is something that can be done to normalize the low end range?

Dan D. mentioned that he has labs that submit Low Level and others that submit Mid Level for the same accreditation. Some ABs require labs to do both and others require one or the other. This is something the PT Board and NELAP Board need to discuss. It is beyond the scope of this committee. The subcommittee discussed whether this needs to be passed along as an action item. Stephen noted that there are other options than including the Mid-level on the PT tables. Carl felt the labs should be given the choice – keep both low and mid level. The original outcome of this discussion was that Stephen was to prepare a letter to the NELAP Board requesting feedback on this issue. At the end of the call, Stephen felt the issue no longer warranted a letter.

Jeff motioned to move Naphthalene Mid Level to the Accreditation Table with a concentration of 2000 – 10000 ug/kg. Limits: Linear regression equation with the a,b,c & d coefficients as presented in the evaluation table distributed by Jeff on May 3, 2010. The motion was seconded by Stephen.

Discussion: Dan suggested looking at +/- 40%. Chuck pointed out that at 2000 ug/kg, it looks more like 40-150%.

Vote: Motion carried unanimously.

1,2,4-Trichlorobenzene

2000 – 10000 ug/kg. Current studies were 1500 ug/kg to a little under 10000 ug/kg. Passes all criteria and fixed limit criteria.

A motion was made by Dan Tholan to move 1,2,4-Trichlorbenzene Mid Level to the accreditiation table with a fixed limit of +/-40% at a concentration of 2000-10000 ug/kg. The motion was seconded by Stacie and unanimously approved.

Styrene

Passes all criteria except standard deviation R^2. Not pretty on the bottom end. Jeff sent additional information by e-mail to everyone on the call. Carl asked if 2000 ug/kg as the lower end would take care of some of the concern. Could fixed limits be considered? The 60% on the bottom end looked good; the upper end is showing 143%. Going with a regression equation means at about 8000 ug/kg the acceptance range would be about 78-125%.

A motion was made by Dan Tholan to move Styrene Mid Level to the accreditation table with a fixed limit of +/-40% of the assigned value at a concentration of 2000-10000 ug/kg. The motion was seconded by Jeff and unanimously approved.

DBCP

Currently at 2000 – 10000 ug/kg. Current studies are just over 2000 to about 9600 ug/kg. Passed fixed limit criteria with a suggested limit of 39%.

A motion was made by Dan Tholan to move DBCP Mid Level to the accreditation table with a fixed limit of +/-40% of the assigned value at a concentration of 2000-10000 ug/kg. The motion was seconded by Chuck and unanimously approved.

EDB – Mid Level

Bad convergence. Took time to figure out how a graph could come together. The resultant data does pass criteria. Jeff recommends +/- 40% instead of the regression.

A motion was made by Chuck to move EDB Mid Level to the accreditation table with a fixed limit of +/-40% of the assigned value at a concentration of 2000-10000 ug/kg. The motion was seconded by Stacie and unanimously approved.

Dibromomethane – Mid Level

Passes criteria and passes criteria for fixed limits at 26%.

A motion was made by Jeff to move Dibromomethane Mid Level to the accreditation table with a fixed limit of +/-40% of the assigned value at a concentration of 2000-10000 ug/kg. The motion was seconded by Chuck and unanimously approved.

1,1-Dichloroethene

Passes all criteria except standard deviation R^2.

A motion was made by Jeff to move 1,1-Dichloroethene Mid Level to the accreditation table with a fixed limit of +/-50% of the assigned value at a concentration of 2000-10000 ug/kg. The motion was seconded by Stacie and unanimously approved.

Cis-1,2-Dichloroethene and trans-1,2-Dichloroethene

Question about data around 4000 ug/kg for trans because there is not much data around that concentration. It is within +/- 40%.

A motion was made by Chuck to move cis-1,2-Dichloroethene and trans-1,2-Dichloroethene Mid Level to the accreditation table with a fixed limit of +/-40% of the assigned value at a concentration of 2000-10000 ug/kg. The motion was seconded by Stacie and unanimously approved.

Cis-1,3-Dichloropropene and trans-1,3-Dichloropropene

Insufficient data for cis, sufficient for trans. They don't pass criteria when on their own, but when they are together they do. If a recommendation is made for cis – the subcommittee would have to step outside of the guidelines of the limit SOP.

A motion was made by Dan Tholan to move cis-1,3-Dichloropropene and trans-1,2-Dichloropropene Mid Level to the accreditation table with a fixed limit of +/-40% of the assigned value at a concentration of 2000-10000 ug/kg. The motion was seconded by Jeff and unanimously approved.

3. New Items

- Jeff noted that EDB Mid Level needs to be re-visted. The subcommittee may want to increase the lower level to 50 or 60 ug/kg instead of 40 ug/kg. The PTRL is 4 at 40 ug/kg.

4. Action Items

- See action table.

6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be May 18, 2010, at 12PM EST.

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

The meeting ended at 1:30 pm EST. Steve motioned to adjourn the meeting. The motion was seconded by Stacie and unanimously approved.

Attachment A

Participants
TNI
Chemistry FoPT Subcommittee1206

Members	Affiliation	Contact Information
Carl Kircher, Co-Chair **Present**	Florida DOH	904-791-1574 carl_kircher@doh.state.fl.us
Brian Boling, Co-Chai **Absent**	Oregon DEQ	Boling.Brian@deq.state.or.us
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 **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
Jim **Present**		860-665-5531 mousejr@nu.com
Ilona Taunton, Program Administrator **Present (left 1:22 pm)**	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	
22.	Prepare for upcoming meetings by reviewing evaluation files that Jeff will send every 2 weeks.	All	Ongoing	
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	
59	Request additional data for compounds being reconsidered.	Carl	4/26/10	2 responses. May 14th due date. Acid extractable Soil PTs.
60	Provide mid-level data for 2-Hexanone.	Jeff	5/11/10	
61	Reconsider concentration range for EDB Mid Level at 5/18 meeting.	All	5/18/10	

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	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.
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	
5	When updating the SCW FoPT Table, consider the following: Hexachlorobutadiene can be dual-purpose in the sense that laboratories analyze it both as a Volatile Organic (e.g., EPA 8260) and as a Base-Neutral Extractable Organic (e.g., EPA 8270). Pentachlorophenol is dual-purpose since laboratories determine this analyte as both an Acid Extractable Organic (EPA 8270) and as an Herbicide (EPA 8151, thus Pentachlorophenol LL?).	4-20-10	