

**TNI Chemistry FoPT Subcommittee  
Meeting Summary  
August 24, 2010**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on August 24, 2010 at 12:05 pm EST. Attendance is recorded in Attachment A. There were 8 members on the call today.

The minutes from the August 17th meeting were reviewed. A motion was made by Stephen to approve the minutes. The motion was seconded by Jeff and unanimously approved. The minutes will be posted on the TNI website.

2. Update from PT Executive Committee

Eric Smith (Chair – PT Executive Committee) asked Carl to review the SCM FoPT table for analytes that did not meet the 2003 NELAC criteria. In response, Carl e-mailed 6 Excel files to the subcommittee with the following comments:

*Dear Subcommittee Members,*

*The TNI PT Exec. Committee met by teleconference today, and Eric communicated the status of the NELAP AC's ratification of our FoPT Tables. For both the DW and the NPW Tables, the NELAP AB's are voting to ratify the DW and NPW FoPT Tables with the additional analytes that fulfill the NELAC requirements for sufficient data in Chapter 2, Appendix C.4. Therefore, Chairperson Eric Smith requested that I present revised FoPT Tables to us on the Subcommittee to approve that are consistent with the NELAC AC motions. It is likely that the SCM FoPT Table will be handled the same way for now.*

*I have therefore attached the above 6 Excel files for your review and approval at our next teleconference on Tuesday, August 24. There is a revised Accreditation FoPT Table and an Experimental FoPT Table for each matrix of DW, NPW, and SCM. As Subcommittee Chair, my recommendation is for us to approve these tables as presented, subject to correction of any obvious Kircher blunders that could have occurred while I was assembling all this on short notice. I hope that you share my opinion that we need to retain all the analytes that we have considered thus far as FoPTs, even if we have to relegate some of them to experimental status for now.*

*Please feel free to share comments, revisions, and corrections with all of us and me prior to the Subcommittee teleconference.*

Carl would appreciate feedback on the tables. These tables will be voted on at the next meeting on Aug 31<sup>st</sup>.

Eric received an e-mail from Carol. The Accreditation Council (AC) reviewed the DW table and had concerns about some of the new headers. Some of the comments from the AC were shared to define what the issue is. The comments were sent to the PT Executive Committee and they need to evaluate the next steps and then involve this committee.

The subcommittee members provided input verbally and Eric has asked that the comments be e-mailed after he sends a formal request for input. Carl and Dan D. suggested looking at the use of footnotes. Others suggested doing what the customer wants and move on. Eric will take the feedback and discuss the issue with the PT Executive Committee to formulate a plan.

### 3. Update on DW Table

#### 2,4-DB

This compound was considered on the last call, but an e-mail vote of the missing subcommittee membership was taken. The results of the e-mail vote showed that the motion passed as summarized below.

A motion was made by Eric to update the limits for 2,4-DB on the DW FoPT table to fixed  $\pm 50\%$  of the assigned value and a concentration range of 20 – 120 ug/L. The motion was seconded by Stephen.

Vote:

5 – For (+ 1- For – Amy by e-mail, + 1 – For – Dan Tholan by e-mail) – Total For = 7.  
1 - Abstention – Dan. He felt it is not performing well, and is not something needed in New York.

#### 2,4,5-T

This analyte was reviewed at the last meeting, but was tabled for further discussion.

It did not pass Stdev  $R^2$  Evaluation  $> 0.75$ . The present failure rate is 10%. Though the data was  $n \geq 5$ , it will be left on the table since it is already on and the table's effective date will be after July 1, 2011. The PTRL will be 5 ug/L.

A motion was made by Jeff to update the limits for 2,4,5-T on the DW FoPT table to fixed  $\pm 50\%$  of the assigned value and a concentration range of 10 – 100 ug/L. The motion was seconded by Stephen and unanimously approved.

#### Acifluorfen

The present failure rate is 6.3% with the current concentration (15-50 ug/L) and acceptance limits. The PTRL would be 5 ug/L with a concentration of 10-100 ug/L and this would not be a problem for the labs according to Stacie. Jeff suggested  $\pm 50\%$  fixed.

A motion was made by Stephen to update the limits for Acifluorfen on the DW FoPT table to fixed  $\pm 50\%$  of the assigned value and a concentration range of 10 – 100 ug/L. The motion was seconded by Stacey and unanimously approved.

### Dinoseb

The present concentration range is 6-50 ug/L and the MCL is 7 ug/L. The concentration of the data set was 8-50 ug/L. It is a problematic analyte for recovery. The PTRL is 2.8 ug/L with the regression equations. It has a similar response factor as Silvex. The regression equation passes all the SOP criteria and it gives wider limits at the upper end.

A motion was made by Stephen to update the limits for Dinoseb on the DW FoPT table to fixed  $\pm 60\%$  of the assigned value and a concentration range of 7 – 70 ug/L. The motion was seconded by Chris.

### Discussion:

Carl and Dan would prefer to see the regression equation. The present equation allows for greater than 60%.

2 – No, 1 – Abstention

The motion did not pass.

A motion was made by Chuck to update the limits for Dinoseb on the DW FoPT table to the regression equation with the abcd coefficients described in the table provided by Jeff by e-mail on 7/19/10 and a concentration range of 7 – 70 ug/L. The motion was seconded by Dan D. and unanimously approved.

### Pentachlorophenol

The analyte passes all criteria. The limits are fixed at  $\pm 50\%$  as per 40 CFR 141.24. Jeff would be hesitant to change the lower concentration end after a discussion with Greg Carroll regarding MCLs. Jeff and Stephen would like to see the upper concentration brought down. The current range is 1-100 ug/L. Bringing the concentration down will bring PT samples closer to the MCL level of 1 ug/L. Stacie's reporting limit is 0.2 ug/L and her upper standard is 10 ug/L.

A motion was made by Jeff to update the limits for Pentachlorophenol on the DW FoPT table to fixed  $\pm 50\%$  of the assigned value (as per 40 CFR 141.24) and a concentration range of 1 – 25 ug/L. The motion was seconded by Chuck and unanimously approved.

### Dicamba

The new regression equation is better than the previous one. Jeff expressed concern about going down to 5 ug/L. The current limit is 5 – 100 ug/L. The study data was between 17 and 97 ug/L. The current failure rate is 5%.

*Added 9/28/10: Note: This analyte was re-evaluated at the September 28<sup>th</sup> meeting because the identity of the person making the motion below was not recorded. All subcommittee members were contacted, but no one remembered making the motion. The results are the same as originally voted on.*

A motion was made by “x” to update the limits for Dicamba on the DW FoPT table to fixed  $\pm 50\%$  of the assigned value and a concentration range of 20 – 100 ug/L. The motion was seconded by Stacey. It was unanimously approved.

Discussion:

Carl would like to see it wider, but Stephen mentioned the peak did not look great.

Vote: 7 – For 1 – Abstention (Carl) The motion passes.

#### 4. New Items

- None.

#### 5. Action Items

- Updates are included in the table.

#### 6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be August 31, 2010, at 12PM EST.

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

The meeting was adjourned at 1:30 pm EST (Motion: Stephen. Second: Stacie Unanimously approved.)

## Attachment A

### Participants TNI Chemistry FoPT Subcommittee

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

**Attachment B**

**Action Items – Chemistry FoPT Subcommittee**

	<b>Action Item</b>	<b>Who</b>	<b>Expected Completion</b>	<b>Actual Completion</b>
13.	Prepare letter to ABs to find out their needs on analytes that may be under consideration for deletion. <i>(3/24/09 – 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	
65	Prepare SCM FoPT table cover page and distribute to subcommittee for comment.	Carl	8/24/10	Complete
67	2,4-DB: E-mail vote on acceptance.	Ilona	8/24/10	Complete
68				

**Attachment C**

**Backburner / Reminders – Chemistry FoPT Subcommittee**

	<b>Item</b>	<b>Meeting Reference</b>	<b>Comments</b>
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>
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.