

**TNI Chemistry FoPT Subcommittee
Meeting Summary
August 17, 2010**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on August 17, 2010 at 12:04 pm EST. Attendance is recorded in Attachment A. There were 6 members on the call today.

The minutes from the August 3rd meeting were reviewed. Dan Tholan e-mailed a change in wording for a comment he made. A motion was made by Stephen to approve the minutes with Dan's correction. The motion was seconded by Eric and unanimously approved. The minutes will be posted on the TNI website.

Wording change from Dan Tholan for 8/3/10 minutes: "Dan Tholen pointed out that the apparent inward curve in the line for percentage recovery vs. assigned value is an anomaly in the calculations because the estimated means and SDs are calculated with actual concentrations and therefore are linear vs concentration, while they are presented in the graph as percentages, which become nonlinear at low concentrations."

2. Washington, DC Meeting

Jeff asked about the discussion in DC regarding experimental analytes. He questioned whether the subcommittee should be using the 2003 NELAC standard instead of the 2009 TNI Standard.

Eric is proposing an effective date of 7/1/2011 for the table that is being worked on, so the 2009 TNI Standard should be used.

3. Update on DW Table

Simazine

It passes criteria for the TNI standard. PTRL would be 1.1 ug/L in suggested range of 2-20 ug/L.

A motion was made by Eric to update the limits for Simazine on the DW FoPT table to fixed \pm 45% of the assigned value and a concentration range of 2.0 – 20 ug/L. The motion was seconded by Stephen and unanimously approved.

Metribuzin

The plot looks like Simazine, though it widens out at the bottom. Previously Jeff recommended +/- 50%. The PTRL would be 1 ug/L at a concentration of 2-20 ug/L. At +/- 45% it would be 1.1 ug/L.

A motion was made by Eric to update the limits for Metribuzin on the DW FoPT table to fixed limit of +/- 50% of the assigned value and a concentration range of 2.0 – 20 ug/L. The motion was seconded by Stephen and unanimously approved.

Herbicides

2,4-D

The MCL is 70 ug/L with a lab reporting limit of 10 ug/L. The present concentration range is 5 - 150 ug/L. It does not pass the Stdev R^2 Evaluation > 0.75 , but the limits are fixed +/- 50% (as per CFR 141.24). Stacie's upper limit is 20 ug/L, so they run this PT as a dilution. Her lab's reporting limit is 5-10 ug/L.

A motion was made by Stephen to update the limits for 2,4-D on the DW FoPT table to fixed $\pm 50\%$ of the assigned value (as per 40 CFR 141.24) and a concentration range of 10 – 100 ug/L. The motion was seconded by Eric and unanimously approved.

2,4-DB

The concentration range was 15-100 ug/L and the plot did not look great. The study data used $n \geq 5$. It did not pass the Stdev R^2 Evaluation > 0.75 and thus fixed limits should be considered. It currently has a failure rate of 9%. The PTRL would be 2.5 ug/L with 10-100 ug/L. Jeff felt the lower concentration should be a little higher – 20 ug/L.

A motion was made by Stephen 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 10 – 100 ug/L. The motion was not seconded and Stephen retracted the motion.

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 - Abstention – Dan. He felt it is not performing well, and is not something needed in New York.

Ilona will send this information to the four other subcommittee members to obtain their e-mail vote. The outcome of this vote will be determined at the next meeting.

Silvex (2,4,5-TP)

It passes all criteria. The acceptance limits are fixed by CFR at +/- 50%.

A motion was made by Jeff to update the limits for Silvex on the DW FoPT table to fixed $\pm 50\%$ of the assigned value (as per 40 CFR 141.24) and a concentration range of 10 – 100 ug/L. The motion was seconded by Eric and unanimously approved.

2,4,5-T

The study data used $n \geq 5$. The lab reporting limit is 2 ug/L. The present concentration is 10-100 ug/L and the concentration of the data set was 11-96 ug/L. It did not pass Stdev R^2 Evaluation > 0.75 . The present failure rate is 10%. Dan Dickinson commented that the concentration should be able to go lower since the lab's reporting limit is 2 ug/L.

Dan noted that the concentration range is lower on the NPW table than what is being recommended on the DW table. The NPW is 2-10 ug/L.

Stephen mentioned that Pentachlorophenol needs to be considered in making this decision.

This compound needs to be reconsidered at the next meeting.

Dalapon

It passes all criteria. The present concentration is 10-150 ug/L and the concentration of the data set was 13-146 ug/L.

A motion was made by Eric to update the limits for Dalapon 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.

Picloram

The present concentration is 10-70 ug/L and the concentration of the data set was 12-78 ug/L. The lower acceptance limit on the regression is down to minus 60%. It swings up on the low end – Jeff does not recommend this regression. The current failure rate is 7% with 71 studies.

Eric noted that 10 – 100 ug/L should work. Jeff asked about the concern regarding 60% at the lower end. The group felt that 50% should still work.

A motion was made by Stephen to update the limits for Picloram 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 Eric and unanimously approved.

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 24, 2010, at 12PM EST.

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

The meeting was adjourned at 1:27 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
Chris Rucinski Absent	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 Absent	Wibby Environmental	303-940 -0033 cwibby@wibby.com
Eric Smith Present	TestAmerica	615-726-0177 x1238 eric.smith@testamericainc.com
Dan Tholen Absent	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 Absent	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. <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	Resend to Subcommittee (Include list of SCM analytes that don't meet 10/20 rule.)
67	2,4-DB: E-mail vote on acceptance.	Ilona	8/24/10	
68				

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>
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.