

**TNI Chemistry FoPT Subcommittee  
Meeting Summary  
June 28, 2011**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on June 28, 2011 at 12:07 EST. Attendance is recorded in Attachment A. There were 7 members on the call today.

2. NPW FoPT Tables

BOD and cBOD

The study concentration was 18.5- 231mg/L for cBOD and BOD. SOP criteria passed. Carl suggested using a regression equation.

A motion was made by Dan D. to keep the concentration limits the same for BOD and cBOD on the NPW FoPT accreditation table (15 - 250 mg/L) and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 11/11/2010). Footnotes 4, 5 and 6 will be modified on the table – Footnotes don't apply for Microbiology, BOD and cBOD. The motion was seconded by Stephen.

Carl asked for a friendly amendment – add the footnote (4, 5 and 6) to the Excel table also. Dan and Stephen agreed.

The motion was unanimously approved.

COD

The study concentration was 18.9 – 236 mg/L. It passed all SOP criteria. The current regression and new regression are very different.

A motion was made by Dan D. to keep the concentration limits the same for COD on the NPW FoPT accreditation table (30-250 mg/L) and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 11/12/2010). The motion was seconded by Joe and unanimously approved.

TOC

The study concentration was 7.46 – 93.4 mg/L. It passes all SOP criteria.

A motion was made by Dan D to keep concentration limits the same for TOC on the NPW FoPT accreditation table (6 – 100 mg/L) and use the regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 11-12-2010). The motion was seconded by Stacey and unanimously approved.

#### Ammonia as N

The study concentration was 1.06 – 18.7 mg/L. It passed SOP criteria.

A motion was made by Joe to change the concentration limits for Ammonia as N on the NPW FoPT accreditation table (1 – 20 mg/L) and use the regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 11-19-2010). The motion was seconded by Dan D. and unanimously approved.

#### Nitrate as N

The study concentration was 0.808 – 38.3 mg/L. It passed SOP criteria. The levels worked for the laboratories on the call.

A motion was made by x to keep concentration limits the same for Nitrate as N on the NPW FoPT accreditation table (2 – 25 mg/L) and use the regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 11-19-2010). The motion was seconded by Stacey and unanimously approved.

#### Nitrate-nitrite as N

The study concentration was 0.808 – 38.3 mg/L. It passed SOP criteria.

A motion was made by Joe to keep concentration limits the same for Nitrate-nitrite as N on the NPW FoPT accreditation table (2.5 – 25 mg/L) and use the regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 11-19-2010). The motion was seconded by Stacey and unanimously approved.

#### Nitrite as N

The study concentration was 0.411 – 3.82 mg/L. It passed SOP criteria.

A motion was made by Joe to keep concentration limits the same for Nitrite as N on the NPW FoPT accreditation table (0.4 – 4 mg/L) and use the regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 11-19-2010). The motion was seconded by Dan D. and unanimously approved.

### 3. Action Items

Updates were made directly to the Action Table.

4. New Business

None.

5. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be July 26, 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 1:27 pm EST.

## 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>
Joe Marotti <b>Present</b>	RT Corp	<a href="mailto:crucinski@rt-corp.com">crucinski@rt-corp.com</a> 307-721-5485
Amy Doupe <b>Present</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>Absent</b>	Wibby Environmental	303-940 -0033 <a href="mailto:cwibby@wibby.com">cwibby@wibby.com</a>
Eric Smith <b>Absent</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>Present</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	
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**

	<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> <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.
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