

TNI Chemistry FoPT Subcommittee
Meeting Summary
August 23, 2011

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on August 23, 2011 at 12:06 EST. Attendance is recorded in Attachment A. There were 5 members on the call today, plus a new member that is replacing Chuck Wibby – Mark M. Mark was welcomed to the committee and will supply his contact information for the subcommittee membership roster.

Meeting minutes from 8/9/11 were briefly discussed. Stephen made the motion to accept and approve the minutes. Stacey seconded the motion. Motion was unanimously approved. Carl asked for meeting minutes to be posted on TNI website.

2. NPW FoPT Tables

- Calcium:
 - Carl: PDF dated 11/17/2011. Passes SOP criteria for fixed limits. Current range is 3.5-110mg/L. Slightly tighter limits result from regression equation shown on PDF. Also slightly tighter than method limits for 200.7.
 - Stephen made motion for range of 10-100mg/L with acceptance limits of assigned value +/- 20% fixed limits.
 - Motion seconded by Stacey
 - Motion then stopped for discussion as to whether we should compromise with +/- 15% of assigned value instead of 20%. Group discussed that these limits are still wider than current limits. This was ok with those on call (Mike, Joe, Stephen).
 - Stephen and Stacey accepted and passed motion for friendly amendment of 10-100mg/L with acceptance limits of assigned value +/- 15% fixed limits.
 - Unanimously approved.

- Calcium Hardness as CaCO₃:
 - After review of PDF from 11/17/2011 Stephen made motion for range of 25-250mg/L with acceptance limits of assigned value +/- 15% fixed limits.
 - Dan T. seconded motion
 - Unanimously approved

- Magnesium:
 - PDF from 11/17/2011.
 - Carl: looks like candidate for fixed limits if we keep current limits of 2-40mg/L. Data on PDF shows more data on lower concentration range.

- Dan: Asked if a concentration below 2 or 4 mg/L common for labs.
Stacey: Our current calibration range is from 1-1000 mg/L but usually have few NPW samples below 5-10 mg/L.
- Stephen made motion for range of 4-40mg/L with acceptance limits of assigned value +/- 15% fixed limits.
- Seconded by Stacey
- Unanimously approved

- Total Hardness as CaCO₃:
 - PDF from 11/17/2010.
 - Carl: current range is 4-40mg/L, which is consistent with data on PDF. Graph widens at lower end.
 - Dan T pointed out that Jeff's PDF comment and footnote 8 state that limits for this analyte are dependent on the acceptance limits for Calcium and Magnesium.
 - Stephen motioned for concentration range of 40-400mg/L with acceptance limits of assigned value +/- 15% fixed limits.
 - Seconded by Mark M.
 - More discussion brought up before approving motion. Carl: do we want Total Hardness to be displayed on FOPT table but delete footnote 8?
Dan: yes, labs report it now and get graded on it. Stephen: Can do it separate or as a bi-product of Ca and Mg. TH range must formulate or mirror with the ranges for Ca and Mg or else we need a separate PT for it.
 - Discussion on a friendly amendment of motion to raise high concentration level to 415mg/L from 400mg/L. Stephen and Mark both agreed to motion and second the amended motion.
 - Unanimously approved
 - Joe questioned that the proposed concentration levels would raise PTRL from 8.4 to 34. And motioned to raise the PTRL to 34. Carl and Ilona: PTRL automatically changes/raises with the before mentioned motion by Stephen and Mark.

- Sodium:
 - PDF from 11/18/2010
 - Carl: data shows range of 12-100mg/L. What are labs using for ranges?
Stacey: our current calibration curve covers a range of 1-1000mg/L.
 - Stephen: concentration is fine but is 20% ok?
 - Stephen made motion for concentration range of 10-100mg/L with acceptance limits of assigned value +/- 20% fixed limits.
 - Stacey seconded
 - Unanimously approved

- Potassium:
 - PDF from 11/18/2010
 - Carl: Current range is 4-40mg/L, data passes SOP criteria.

- Stephen made motion for concentration range of 5-50mg/L with acceptance limits of assigned value +/- 20% fixed limits.
- Seconded by Stacey
- Joe questioned why the raise from 40 to 50 on high end. Carl: since graph is wider at low end and raised low end to 5 we kept 10 fold range.
- Joe recommended friendly amendment to keep motion but change concentration back to 4-40mg/L. Stephen and Stacey approved and seconded amended motion.
- 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 September 20, 2011, at 12:00 PM EST.

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

Stephen motioned to adjourn the meeting and Mark seconded the motion. Unanimously approved. The meeting was adjourned at 1:36 pm EST.

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
Joe Marotti Present	RT Corp	307-721-5485 jmorotti@rt-corp.com
Amy Doupe Absent	Lancaster Laboratories, Inc.	717-656-2300 x1812 aldoupe@lancasterlabs.com
Chuck Wibby Mark Mensik - Present	Wibby Environmental	303-940 -0033 MMensik@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. <i>(3/24/09 – It was determined that these tables are used by more than just ABs. This needs to be reconsidered.)</i>	TBD	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	Complete
74	Check with Eric on SC request for low level EDB, DBCP. Send back to PT Executive Committee.	Carl	10/26/10	Moved back to back burner.
80	Contact ACLASS to check on possible member for subcommittee. Lab candidate can start as an associate member.	Carl	Next meeting	Carl has talked to Keith. He will follow-up and set a deadline.
82	Recalculate 2-Butanone based on discussion.	Jeff	4/5/11	Complete
84	Discuss the possibility of getting more laboratory feedback before FoPT tables are finalized.	Carl	9/x/11	
85				
	Steve closed. Mark second. Ended 1.35.			

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.
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.		
9			