

**TNI Chemistry FoPT Subcommittee
Meeting Summary
June 2, 2009**

1. Roll call and Meeting Minutes:

Co-Chair Carl Kircher called the Chemistry FoPT Subcommittee to order on June 2, 2009, at 11am EST. Attendance is recorded in Attachment A.

Minutes from the May 19, 2009 meeting were reviewed and approved. The spelling on Fluoride will be checked prior to posting. Ilona will have the final version posted on the website. (Motion - Dan T., Second – Jeff, Unanimously approved.)

2. DRAFT Chemistry FoPT Tables

Jeff led the group through the Excel Spreadsheets he sent out to the group on June 1, 2009.

He continued with the table titled: TNI Chem DW Evaluation 2009.

Reviewed:

- Eric – SOP Status: There is some confusion by the FOPT Subcommittee on which SOP is in effect. Eric and Ilona will work on reviewing the votes and revision numbers. A final copy will be reviewed by the PT Board and Eric will submit a final copy to the Chem FoPT subcommittee.
- Jeff is recommending that all limits recommended last meeting be changed to 90-110% - except Sulfate. Dan Dickinson also felt Perchlorate should be left alone. This is being recommended because of the three tests that need to be examined as per the SOP when setting limits – the calculation is showing a tighter limit. Carl felt all should be left alone.

The various graphs looked at last week were reviewed. Do we need multi-concentration ranges? This would be one way to tighten the limits and not penalize labs on the lower end of the concentration range?

Carl asked if someone wanted to make a motion to make a change. No motions were made, so limits will be left as they were set last meeting.

Bromate: Not enough data. Carl mentioned this has a fixed EPA limit - +/- 30%. Number of participants per study is small.

Conclusion: Recommend 70-130% limits. Concentration Range: 7-50 ug/L.
Motion: Eric Second: Steve Unanimously approved.

Bromide: Does not pass r^2 test. This one is tough with the data we have. Steve raised the question as to where this would be coming from to determine what is a reasonable concentration range to serve the purpose it is being used for. Labs showed a concentration range of 20-300. Jeff will re-calculate with a lower concentration range and see what happens. This will be looked at next week.

Chlorate: Jeff thought this was an old EPA limit. Go with a fixed limit at the current range - +/- 30%. Is this outside of the SOP?

Conclusion: Recommend 70-130%. Concentration Range: Current
Motion: Steve Second: Eric Unanimously approved.

Chlorite: Group felt current spiking concentration range and limits were acceptable.

Conclusion: Recommend 70-130%. Concentration Range: Current
Motion: Eric Second: Steve Unanimously approved.

Potassium: Carl initially suggested 80-120%. Dan preferred a tighter acceptance window. Eric suggested 85-115%.

Conclusion: Recommend 85-115%. Concentration Range: Current
Motion: Dan Second: Steve Unanimously approved.

Sodium: Carl suggested raising the upper spiking limit to 50 with an 85-115% acceptance window.

Conclusion: Recommend 85-115%. Concentration Range: 12-50
Motion: Dan Second: Steve Unanimously approved.

Calcium: Group reviewed data and 85-115% acceptance window was proposed by Carl.

Conclusion: Recommend 85-115%. Concentration Range: Current
Motion: Steve Second: Eric Unanimously approved.

Magnesium: Group reviewed data and 85-115% acceptance window was proposed by Carl.

Conclusion: Recommend 85-115%. Concentration Range: Current
Motion: Steve Second: Eric Unanimously approved.

Calcium Hardness: There was a fair amount of discussion on the methodologies that labs use to perform this analysis and whether different methodologies might impact the expected accuracy of the value reported. Carl mentioned that many labs perform the calculation method using Calcium data, and suggested using the same acceptance criteria, 85-115%, as Calcium. Jeff noted that the lab LCS window in the data spreadsheet was 80-120, and suggested whether the subcommittee should further review or consider setting the limit to 80-120. Jeff also suggested possibly

setting the upper end of the concentration range to be 225, which would make the upper limit the same as the limit for Calcium.

Conclusion: Recommend 85-115%. Concentration Range: 75-225 Motion: Steve Second: Eric 5 in favor and 1 abstention

Total Hardness: Discussion on this Analyte was held concurrently with the discussion on Calcium Hardness, with the same suggestions and recommendations applying to both Analytes regarding acceptance criteria.

Conclusion: Recommend 85-115%. Concentration Range: Current Motion: Steve Second: Eric 5 in favor and 1 abstention

4. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be June 16, 2009, at 11AM EST. Jeff will send out evaluation files prior to the call and desktop sharing will be made available during the call.

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

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The meeting was adjourned at 12:35 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
Brian Boling, Co-Chair 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 Absent	Wibby Environmental	303-940 -0033 cwibby@wibby.com
Eric Smith Present	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 Absent	E.S. BABCOCK & Sons, Inc.	951-653-3351 x238 sfry@babcocklabs.com
Jim Absent		mousejr@nu.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. (3/24/09 – <i>It was determined that these tables are used by more than just ABs. This needs to be reconsidered.</i>)	TBD	TBD	
19.	Request the final revision of the SOP #4-001 Guidelines for Calculation of Acceptance Limits from the TNI PT Board.	Eric/Carl	5/5/09	Delayed due to exp PT tables.
21.	Subcommittee members with labs to provide information about PT analytes. Information needs to be submitted to Jeff.	Eric Stacey Amy	5/31/09	
22.	Prepare for upcoming meetings by reviewing evaluation files that Jeff will send every 2 weeks.	All	Ongoing	

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	Reminder: Look at what the minimum “n” should be once we start getting data from the PT providers. Take a few studies and run some comparisons. Also, look to see if the unacceptable rates are higher in smaller studies.	12-16-08	
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