TNI Chemistry FoPT Subcommittee
Meeting Summary
April 10, 2012

1. Roll call and Meeting Minutes:

Chair Carl Kircher asked Eric Smith to chair the call today. The Chemistry FoPT Subcommittee was called to order on April 10, 2012 at 12:08 EST. Attendance is recorded in Attachment A. There were 7 members on the call.

There were not enough members to have a call on 3-27-12, so the call was cancelled.

2. NPW FoPT Tables

(Note: The conference call was started with 5 subcommittee members, so additional votes are still needed for the approval of the first 2 analytes voted on below before Dan D. joined the call. This will be reviewed during the April 24, 2012 meeting.)

2-Chlorophenol

(Plot October 29, 2010) The study concentration was 30.3 – 195 ug/L. Carl commented by e-mail: All SOP criteria met (correlation coefficients), use the new regression equations with abcd coefficients as presented on pdf file, recommend concentration range of 30-200 ug/L

A motion was made by Stephen Arpie to leave the current concentration limits for 2-Chlorophenol on the NPW FoPT accreditation table as 30-200 ug/L and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-29-2010). The motion was seconded by Stacey and unanimously approved.

4-Chloro-3-methylphenol

The study concentration was 32.4 - 196 ug/L. Call commented by e-mail: All SOP criteria met (correlation coefficients), use the new regression equations with abcd coefficients as presented on pdf file, recommend concentration range of 30-200 ug/L

A motion was made by Stephen to leave the concentration limit to 20 – 200 ug/L for 4-Chloro-3-methylphenol on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-29-2010). The motion was seconded by Dan D. and unanimously approved.

2,4-Dichlorophenol

The study concentration was 39.7 - 188 ug/L. Carl commented by e-mail: all SOP criteria met (correlation coefficients), use the new regression equations with abcd coefficients as presented on pdf file, recommend concentration range of 30-200 ug/L (expanded range). The 30-200 would give 32-118 %.

Dan Tholan joined the call.

A motion was made by Stephen to change the concentration limit to 30 – 200 ug/L for 2, 4-Dichlorophenol on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-18-2010). The motion was seconded by Stacey and unanimously approved.

2,4,5-Trichlorophenol
The study concentration was 52.5 – 183 ug/L. Carl commented by e-mail: all SOP criteria met (correlation coefficients), use the new regression equations with abcd coefficients as presented on pdf file, recommend concentration range of 30-200 ug/L (expanded range). Plugging the concentration in gives 36 – 121 ug/L.

Joe joined the call.

PTRL at 30 ug/L is 11 ug/L. Stacey's lab calibrates at 10-80 ug/L.

A motion was made by Jeff to change the concentration limit to 30 – 200 ug/L for 2,4,5-Trichlorphenol on the NPW FoPT accreditation table and keep the current regression equation with the abcd coefficients described in the current table. The motion was seconded by Stacey and unanimously approved.

2,4,6-Trichlorophenol

The study concentration was 38.4 – 199 ug/L. Carl commented by e-mail: all SOP criteria met (correlation coefficients), use the new regression equations with abcd coefficients as presented on pdf file, recommend concentration range of 30-200 ug/L.

A motion was made by x. to use a concentration limit of 30 - 200 ug/L for 2,4,6-Trichlorophenol on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-29-2010). The motion was seconded by Joe and unanimously approved.

2,6-Dichlorophenol

Jeff noted that 2,6-Dichlorphenol was previously approved at a different concentration and he asked that the concentration be changed to be in line with the analytes approved

above. The PTRL would change to 12. The concentration range previously approved started at 40 ug/L.

Jeff made a motion to change the concentration range of 2,6-Dichlorphenol to 30-200 ug/L. The motion was seconded by Stephen and it was unanimously approved.

Pentachlorophenol

The study concentration was 32.2 – 195 ug/L. Carl commented by e-mail: all SOP criteria met (correlation coefficients), use the new regression equations with abcd coefficients as presented on pdf file, recommend concentration range of 30-200 ug/L (don't use the "low-level" pentachlorophenol pdf file; use the other one).

It is currently at 45 ug/L. The PTRL would go down to 6 if it changed to 30 ug/L. The subcommittee prefers that it stay at 10 or above. At 40 ug/L the PTRL is 9.9 ug/L. At 50 ug/L, the PTRL 13.6 ug/L. Stacey stated that she would be comfortable with 40 ug/L.

A motion was made by Jeff. to use a concentration limit of 40 - 200 ug/L for Pentachlorophenol on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-29-2010). The motion was seconded by Dan T. and unanimously approved.

2-Methylphenol

The study concentration was 50.1 – 196 ug/L. Carl commented by e-mail: all SOP criteria met (correlation coefficients), use the new regression equations with abcd coefficients as presented on pdf file, recommend concentration range of 30-200 ug/L (expanded range), will settle for 40-200 ug/L range.

At 40 ug/L, the PTRL is 9.5 ug/L. (24-124% recovery.)

A motion was made by Dan D. to use a concentration limit of 40-200 ug/L for 2-Methylphenol on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-29-2010). The motion was seconded by Jeff and unanimously approved.

4-Methylphenol

The study concentration was 50 – 199 ug/L. Carl commented by e-mail: new regressions FAIL the r-squared for Std Dev vs. AV, thus, keep current regression equations, recommend concentration range of 40-200 ug/L (expanded range).

The current PTRL is 5 ug/L.

A motion was made by Stephen to leave the concentration (50-200 ug/L) and equation as is and make no changes. The motion was seconded by Stacey.

Discussion: Dan D. asked if anyone had an issue with the low PTRL. Eric noted that to raise the concentration of the PTRL to 9.5, the lower concentration range would need to be about 80 ug/L. Jeff noted that it does not have a high failure rate as is. Stephen asked if there is value in having this analyte. Jeff commented that it is an issue for telephone poles and it is in waste. Dan D. would like more time to consider the analyte and discuss it next meeting. After further discussion the subcommittee

Vote: For: 6 Against: 0 Abstain: 1 (Dan T. – Needs more time to understand).

The motion passes.

2,4-Dimethylphenol

The study concentration was 41.9 – 198 ug/L. Carl commented by e-mail: all SOP criteria met (correlation coefficients), use the new regression equations with abcd coefficients as presented on pdf file, recommend concentration range of 30-200 ug/L (expanded range), will settle for 40-200 ug/L range.

At 40 ug/L the PTRL is 11.9 ug/L. The concentration range currently starts at 65 ug/L. Eric would be comfortable with 40 ug/L.

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A motion was made by Stephen to use a concentration limit of 40 - 200 ug/L for 2,4-Dimethylphenol on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-29-2010). The motion was seconded by Jeff and unanimously approved.

2-Methyl-4,6-dinitrophenol

The study concentration was 61.8 – 195 ug/L. Carl commented by e-mail: all SOP criteria met (correlation coefficients), use the new regression equations with abcd coefficients as presented on pdf file, recommend concentration range of 50-200 ug/L (expanded range, but the minimum I would accept)

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A motion was made by Jeff. to use a concentration limit of 40- 200 ug/L for 2-Methyl-4,6-dinitrophenol on the NPW FoPT accreditation table and use the new regression equation with the abcd coefficients described in the PDF provided by Jeff (dated 10-29-2010). The motion was seconded by Stephen and unanimously approved.

3. Action Items

See action item table in attachments.

4. New Business

Jeff noted that some minutes are not posted on the website and they need the minutes to get ready for the completion of the table the subcommittee is working on.

5. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be April 24, 2012, at 12:00 PM EST.

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

Eric adjourned the meeting at 1:28pm EST.

Attachment A

Participants
TNI
Chemistry FoPT Subcommittee

Members	Affiliation	Contact Information
Carl Kircher, Chair **Absent**	Florida DOH	904-791-1574 carl_kircher@doh.state.fl.us
Joe Marotti **Present (joined late)**	Sigma-Aldrich RTC	307-721-5485 jmorotti@sial.com
Amy Doupe **Absent**	Lancaster Laboratories, Inc.	717-656-2300 x1812 aldoupe@lancasterlabs.com
Jeff Lowry **Present**	Wibby Environmental	720-560-2232 Jlowry@wibby.com
Mark Mensik **Absent**	Wibby Environmental	303-940 -0033 MMensik@wibby.com
Eric Smith **Present**	TestAmerica	615-726-0177 x1238 eric.smith@testamericainc.com
Dan Tholen **Present (joined late)**	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 **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 – It was determined that these tables are used by more than just ABs. This needs to be reconsidered.)*	TBD	Ongoing	
87	Discuss views on dropping problem analytes with the PTP EC.	Carl	Next PTP EC Meeting	

Attachment C

Backburner / Reminders – Chemistry FoPT Subcommittee

	Item	Meeting Reference	Comments
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. 3/13: Close out on Subcommittee table and bring up at PTEC meeting. New member is from SC and they can use the new SOP for adding analytes to address this.
7	Review completed NPW table and look for grouped analytes that behave similarly and look for consistent criteria. Compare results to Drinking Water values too.	11-30-10	
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