

**TNI Chemistry FoPT Subcommittee**  
**Meeting Summary**  
**May 6, 2014**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on May 6, 2014 at 12:06 ET. Attendance is recorded in Attachment A. There were 5 members on the call.

The April 22, 2014 minutes will be reviewed at the May 20<sup>th</sup> meeting.

2. Metribuzin

This was discussed at the last meeting. The PTPEC is looking for a recommendation from this subcommittee.

Joe looked at the data he generated and he is indifferent. Very few labs run it. Dan has only 10-20 labs running this analyte. Joe sees 6-10 labs running it.

Joe reminded everyone the main issue discussed on the last call was recovery. Andy noted that he finds that recovery degrades as the concentration increases. Carl agreed.

Carl would like to leave the limits as currently posted. He does not believe there is any need to consider any changes.

Joe motioned that the limits be changed for Metribuzin to study mean +/- 50% with a concentration of 2-20 ug/L. The motion was seconded by Stephen.

Discussion:

Carl is not in favor of the motion because it is based on study mean instead of assigned value +/- 50%. If it is based on study mean he would need to see +/- 30%.

There were also discussions concerning concentration and stability. There are problems at higher concentrations.

Dan was concerned about using the study mean because there are not a lot of participants for this analyte. This wouldn't be the best place to center it – difficult to calculate the mean. There are problems when there are results that are particularly good or bad. Andy thinks a lot of labs have problems with analyte and agrees with Dan. Andy would recommend the gravimetric value and +/- 60%. Dan noted the original value before the change in limits was essentially +/- 60% on an 80% recovery – so Andy's suggestion is to go back to where this started.

Vote:  
For – 3  
Against – 2 (Carl and Andy)  
Abstain - 0

The motion failed because the committee size is 9 and 5 affirmative votes are needed to pass a motion.

After further discussion, Andy made a motion to change Metribuzin to gravimetric value +/- 60% with a concentration of 2-20 ug/L. There was no second to this motion.

Joe asked why the subcommittee changed to fixed limits and did not stay with a regression equation. Carl stated it was to make it consistent with other similar contaminants. The only regression equations that are still on the table are Aldrin, Hexachlorobenzene, and Hexachlorocyclopentadiene.

Andy thinks the subcommittee set a limit that was too tight and the subcommittee should set limits based on a problem set of data. He is seeing consistently good recovery and in the data set there was one set of data that was significantly lower. Joe agreed that in general the data is showing good recovery – 80%.

Carl noted that except for microbiology and asbestos, there are no FoPTs currently on the table based on Study Mean.

Andy looked at the plot between assigned value verses standard deviation – he thinks it is fairly tight.

Ilona reminded the group what the question was in the complaint and Dan summarized it as: The committee needs to explain why they changed the previous limits and went with the fixed limits currently on the table.

A motion is not needed. The committee will defend the previous decision. Carl will draft a letter to the PTP Executive Committee and get comment from the subcommittee. The letter will “defend” the previous limits by explaining the decisions the committee made and providing data to support the decision.

### 3. SCM FoPT Table

#### Arsenic

The study concentration was 52 – 319 mg/Kg. There is lots of data for this analyte and the regression equation is based on the assigned value rather than the study mean that is on the current table. It did pass the SOP criteria. The PDF is dated 4-30-14. Andy asked if the limits are being tightened. Dan commented that around 170 mg/Kg the new limits would be a little

tighter using the new regression equations. Carl's calculations show that it is slightly tighter at the upper 2/3 of the concentration range, but it is statistically insignificant.

A motion was made by Dan to leave a concentration limit of 40-400 mg/Kg for Arsenic on the SCM FoPT accreditation table using the new abcd coefficients as presented on the PDF file dated 4-30-14. The motion was seconded by Andy and the motion passed unanimously.

#### 4. Action Items

See action item table in attachments.

#### 5. New Business

- None.

#### 6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee has been scheduled for May 20, 2014.

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

The call was ended at 1:03pm EST. Motion – Andy Second - Joe Unanimously approved.

## Attachment A

### Participants TNI Chemistry FoPT Subcommittee

<b>Members</b>	<b>Affiliation</b>	<b>Contact Information</b>
Carl Kircher, Chair <b>Present</b>	Florida DOH	<a href="mailto:carl_kircher@doh.state.fl.us">carl_kircher@doh.state.fl.us</a>
Joe Morotti <b>Present</b>	Sigma-Aldrich RTC	Joe.morotti@sial.com
Melanie Ollila <b>Absent</b>	Pace Analytical Services, Inc.	MOllila@pacelabs.com
Jeff Lowry <b>Absent</b>	Phenova	JeffL@phenova.com
Stephen Arpie <b>Present</b>	Absolute Standards, Inc.	<a href="mailto:stephenarpie@mac.com">stephenarpie@mac.com</a>
Dan Dickinson <b>Present</b>	New York, DOH	<a href="mailto:dmd15@health.state.ny.us">dmd15@health.state.ny.us</a>
Stacey Fry <b>Absent</b>	E.S. BABCOCK & Sons, Inc.	<a href="mailto:sfry@babcocklabs.com">sfry@babcocklabs.com</a>
Joe Pardue <b>Absent</b>	Pro2Serve, Inc.	423-337-3121 joe_pardue@charter.net
Dr. Andy Valkenburg <b>Present</b>	Energy Laboratories, Inc.	avalkenburg@energylab.com 406-869-6254
Ilona Taunton, Program Administrator <b>Present</b>	TNI	<a href="mailto:ilona.taunton@nelac-institute.org">ilona.taunton@nelac-institute.org</a> 828-712-9242

**Attachment B**

**Action Items – Chemistry FoPT Subcommittee**

	<b>Action Item</b>	<b>Who</b>	<b>Expected Completion</b>	<b>Actual Completion</b>
102	Data work-up when it comes in for analyte additions.	Carl	tbd	In Progress
107	Prepare DRAFT of EDB, DBCP, 1,2,3-Dichloropropane addition to the NPW table.	Carl	5-5-14	Complete (Sent to PTPEC.)

**Attachment C**

**Backburner / Reminders – Chemistry FoPT Subcommittee**

	<b>Item</b>	<b>Meeting Reference</b>	<b>Comments</b>
4	Consider nomenclature differences between the analyte codes and the FoPT tables.	2-23-10	
10			