

**TNI Chemistry FoPT Subcommittee  
Meeting Summary  
July 9, 2013**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on July 9, 2013 at 12:07pm EST. Attendance is recorded in Attachment A. There were 2 members on the call.

The June 25, 2013 minutes will be reviewed at the next meeting since only two people were on today's call and one was the chair.

2. Issues From the PT Program Executive Committee:

Cyanide

The following request was received from Michela Karaponda:

*I had a question raised to me recently about how cyanide is listed on the DW FoPT table.*

*The regulated analyte is free cyanide. We have cyanide listed as total on the FoPT table. The composition of the PT is correct, as potassium cyanide (as it is in the EPA Criteria Document). Why did we list it as total instead of free? One of the EPA Regions has raised this concern, as there is no PT for a regulated analyte (free cyanide). EPA considers total cyanide as a screening method for free cyanide.*

*Cyanide is regulated as free cyanide. Laboratories need to determine and report "free" cyanide using one of the methods approved in 40 CFR Part 141 or Appendix A to Subpart C of Part 141 for determining "free" cyanide. Alternatively, they can use an approved method that determines "total" cyanide; these are adequate screening methods and are cheaper than the Manual (Preliminary) Distillation followed by Manual Spectrophotometry, Free Cyanide Amenable to Chlorination method. The result of a "total" cyanide method will determine if you need to run an additional test for "free" cyanide.*

*If you run a method that determines "free" cyanide, report the amount of "free" cyanide. If you run a method that determines "total" cyanide:*

- If the "total" cyanide is less than the MCL for "free" cyanide (currently < 0.2 mg/L), report the "free" cyanide as < 0.2 mg/L (since 40 CFR 141.62 currently states that cyanide should be reported as "free" cyanide).  
If the "total" cyanide is greater than or equal to the MCL for "free" cyanide (currently  $\geq 0.2$  mg/L), determine the "free" cyanide using methods approved in 40 CFR 141.23 or Appendix A to Subpart C of Part 141 and report "free" cyanide.*

In addition: *We do need to have the FoPT changed to “cyanide”. A footnote could be included stating that the PT is OK to use for both total and free cyanide.*

*EPA called it “cyanide” in the EPA Criteria Document, it is listed as “cyanide” in the CFR (however, the MCL does say “cyanide (as free cyanide)”).*

Also from Stacie Metzler (Chair of PTP Executive Committee):

*In addition to the name of the analyte, please also look at footnote 13.b to ensure these formulation specifications are also considered if changes are recommended. Can you please try to fit this on your agenda of your next subcommittee conference call?*

### Tin

From Shawn Kassner (Phenova) submitted the following:

*I was reviewing the Phenova database for the updates for our July PT study I found an error. The PTRL for Tin has been set to 60 micrograms/L, when it should be 140 micrograms/L. Mr. Lowry confirmed my calculations and urged me to send you this email, as his subcommittee would be unable to make this correction. If you could be so kind to pass this onto the committee for validation and correction I would be most appreciative.*

Each of these issues was discussed. The conclusions are included in the e-mail note below that Carl will send to Stacie (*Addition: Sent on 7-10-13:*

Dear Stacie,

The Chemistry FoPT Subcommittee met by teleconference on Tuesday, July 9, 2013. By acclimation of all the members present on the call, we agreed that the listing for the FoPT and footnote 13b on the DW FoPT Table should be changed to "Cyanide" (strike-through "Total" in each case). We also agreed that the PTRL for Tin on the NPW FoPT Table was an error and should be corrected to 140 ug/L.

Both Tables are attached to this e-mail. Please distribute to the TNI PTPEC, NELAP AC, and whomever else you think should be receiving this. The NPW FoPT Table should go to the NELAP AC right away since they might get around to ratifying it next Monday, July 15.

Both actions were done by acclimation and not by any formal motion, second, or vote, by choice of the Subcommittee Chair (me). Please let me know if you think a formal process to make these changes was needed.

Please let me know if you have any questions.

Respectfully submitted,  
Carl Kircher, Chair

## Chem FoPT Subcommittee

### 4. Action Items

See action item table in attachments.

### 5. New Business

- None.

### 6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be July 23, 2013, at 12:00 PM EST.

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

The meeting was closed at 12:25.

## 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>Absent</b>	Sigma-Aldrich RTC	<a href="mailto:Joe.morotti@sial.com">Joe.morotti@sial.com</a>
Melanie Ollila <b>Absent</b>	Pace Analytical Services, Inc.	<a href="mailto:MOllila@pacelabs.com">MOllila@pacelabs.com</a>
Jeff Lowry <b>Absent</b>	Phenova	<a href="mailto:JeffL@phenova.com">JeffL@phenova.com</a>
Stephen Arpie <b>Absent</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>
Ilona Taunton, Program Administrator	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>
101	Send letter regarding Tin and Cyanide to Stacie.	Carl	7/10/13	

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	
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