

**TNI Chemistry FoPT Subcommittee  
Meeting Summary  
March 10, 2015**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on March 10, 2015 at 12:08 ET. Attendance is recorded in Attachment A. There were 8 members on the call.

Carl maintains an Excel summary table that tracks all the decisions and changes made at each meeting. This is used to keep things current between meetings.

*(Addition: The file for the 3-10-15 meeting minutes could not be opened so the record of additional discussion and actual votes is not available. The summary below was developed from the Excel summary table maintained at each meeting. The subcommittee received a copy of these minutes and was asked to collectively vote on the decisions made in regards to all 9 analytes summarized below:*

*A motion was made by Joe Pardue by email on 8/26/15 to approve the concentration ranges and equations/limits described in Section 2 of the 3-10-15 minutes for Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Benzo(a)pyrene, Dibenz(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene and Pyrene. The motion was seconded by Andy by email on 9/1/15.*

*Vote:*

*Carl – For (9/1/15 Conf Call)*

*Joe M. - For (9/1/15 Conf Call)*

*Melanie – No Vote*

*Jeff – No Vote*

*Stephen – For (9/1/15 Conf Call)*

*Dan – For (9/1/15 Conf Call)*

*Stacey – For (9/1/15 Conf Call)*

*Joe P. – No Vote*

*Andy – For (9/1/15 Conf Call)*

*Results: 6 – For 0 – Against 0 – Abstain. 3 – There was no vote. The motion passed. All analytes discussed in Section 2 below were voted on and approved by the Chemistry FoPT Subcommittee.)*

2. SCM FoPTs

The PDF files for todays discussion were sent out by Carl on 2-24-15.

### Benzo(b)fluoranthene

The study concentration was 52.6 - 339 ug/Kg. The PDF is dated 2-24-15. The current concentration limits are 50 – 500 ug/Kg. It did pass criteria for fixed limits at 67.7%. It passed the Stdev R<sup>2</sup> Eval > 0.75.

A decision was made to leave the concentration limit as 50-500 ug/Kg for Benzo(b)fluoranthene on the SCM FoPT accreditation table and to use the study mean and the new cd coefficients as presented on the PDF file presented by Carl and dated 2-24-15.

### Benzo(k)fluoranthene

The study concentration was 50.5 - 376 ug/Kg. The PDF is dated 2-24-15. The current concentration limits are 50 – 500 ug/Kg. It did not pass criteria for fixed limits. It passed the Stdev R<sup>2</sup> Eval > 0.75.

A decision was made to leave the concentration limit as 50-500 ug/Kg for Benzo(k)fluoranthene on the SCM FoPT accreditation table and to use the study mean and the new cd coefficients as presented on the PDF file presented by Carl and dated 2-24-15.

### Benzo(g,h,i)perylene

The study concentration was 31.9 - 342 ug/Kg. The PDF is dated 2-24-15. The current concentration limits are 100 – 1000 ug/Kg. It did not pass criteria for fixed limits. It passed the Stdev R<sup>2</sup> Eval > 0.75.

A decision was made to change the concentration limit to 50-500 ug/Kg for Benzo(g,h,i)perylene on the SCM FoPT accreditation table and to use the study mean and the new cd coefficients as presented on the PDF file presented by Carl and dated 2-24-15.

### Benzo(a)pyrene

The study concentration was 7.24 - 417 ug/Kg. The PDF is dated 2-24-15. The current concentration limits are 50 – 500 ug/Kg. It did not pass criteria for fixed limits. It passed the Stdev R<sup>2</sup> Eval > 0.75.

A decision was made to leave the concentration limit as 50-500 ug/Kg for Benzo(a)pyrene on the SCM FoPT accreditation table and to use the study mean and the new cd coefficients as presented on the PDF file presented by Carl and dated 2-24-15.

### Dibenz(a,h)anthracene

The study concentration was 39.3 - 289 ug/Kg. The PDF is dated 2-24-15. The current concentration limits are 50 – 500 ug/Kg. It did not pass criteria for fixed limits. It passed the Stdev R<sup>2</sup> Eval > 0.75.

A decision was made to leave the concentration limit as 50-500 ug/Kg for Dibenz(a,h)anthracene on the SCM FoPT accreditation table and to use the study mean and the new cd coefficients as presented on the PDF file presented by Carl and dated 2-24-15.

#### Fluoranthene

The study concentration was 46.6 - 657 ug/Kg. The PDF is dated 2-3-15. The current concentration limits are 100 – 1000 ug/Kg. It did not pass criteria for fixed limits. It passed the Stdev R<sup>2</sup> Eval > 0.75.

A decision was made to change the concentration limit to 50-500 ug/Kg for Fluoranthene on the SCM FoPT accreditation table. It was also decided to use the study mean and the new cd coefficients as presented on the PDF file presented by Carl and dated 2-24-15, but prior to outlier removal.

#### Fluorene

The study concentration was 72.9 - 428 ug/Kg. The PDF is dated 2-24-15. The current concentration limits are 50 – 500 ug/Kg. It did pass criteria for fixed limits at 65.1%. It passed the Stdev R<sup>2</sup> Eval > 0.75.

A decision was made to leave the concentration limit as 50-500 ug/Kg for Fluorene on the SCM FoPT accreditation table and to use the study mean and the new cd coefficients as presented on the PDF file presented by Carl and dated 2-24-15.

#### Indeno(1,2,3-cd)pyrene

The study concentration was 43.8 - 317 ug/Kg. The PDF is dated 2-24-15. The current concentration limits are 50 – 500 ug/Kg. It did not pass criteria for fixed limits. It passed the Stdev R<sup>2</sup> Eval > 0.75.

A decision was made to leave the concentration limit as 50-500 ug/Kg for Indeno(1,2,3-cd)pyrene on the SCM FoPT accreditation table and to use the study mean and the new cd coefficients as presented on the PDF file presented by Carl and dated 2-24-15.

#### Pyrene

The study concentration was 50.8 - 365 ug/Kg. The PDF is dated 2-24-15. The current concentration limits are 50 – 500 ug/Kg. It did pass criteria for fixed limits at 54.5%. It passed the Stdev R<sup>2</sup> Eval > 0.75.

A decision was made to leave the concentration limit as 50-500 ug/Kg for Pyrene on the SCM FoPT accreditation table and to use the study mean and the new cd coefficients as presented on the PDF file presented by Carl and dated 2-24-15.

*(Addition: See Note in Section 1 for approval of all decisions described in Section 2.)*

### 3. Action Items

See action item table in attachments.

### 4. New Business

- None.

### 5. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee has been scheduled for March 24, 2015

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

The call was adjourned by Carl at 1:24 pm EST.

## 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>Present</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	daniel.dickinson@health.ny.gov
Stacey Fry <b>Present</b>	E.S. BABCOCK & Sons, Inc.	<a href="mailto:sfry@babcocklabs.com">sfry@babcocklabs.com</a>
Joe Pardue <b>Present</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>
119	Use new PCB in Oil regression equation on historical data to confirm there is no substantial increase in failure rates.	Joe, Dan, Stephen, Jeff	2-26-15	
120				

**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			