

**TNI Chemistry FoPT Subcommittee
Meeting Summary
September 9, 2014**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on September 9, 2014 at 12:10 ET. Attendance is recorded in Attachment A. There were 6 members on the call.

Minutes will be reviewed and approved by email.

2. SCM Analyte Considerations

The subcommittee continued to evaluate the limits based on the new PDF files that now include information on study mean and cd coefficients. The files were sent to the subcommittee on August 19, 2014.

Molybdenum

The study concentration was 24.1 – 192 mg/Kg. SOP criteria was passed and it passed criteria for fixed limits at 27.3%. The PDF is dated 8-19-14. The current concentration range is 30 – 300 mg/Kg. There were not many outliers.

A motion was made by Joe M. to leave a concentration limit of 30-300 mg/Kg for Molybdenum on the SCM FoPT accreditation table and using the new regression equations c&d as tabulated on the PDF file dated 8-19-14. The motion was seconded by Joe P. and unanimously passed.

Nickel

The study concentration was 27.8 - 346 mg/Kg. SOP criteria was passed and it passed criteria for fixed limits at 26.3%. The PDF is dated 8-19-14. The current concentration range is 40 – 500 mg/Kg. Nickel is a well behaved analyte. A fixed limit of either 25 or 30% may be appropriate.

A motion was made by Stephen to leave a concentration limit of 40-500 mg/Kg for Nickel on the SCM FoPT accreditation table using a fixed limit of +/- 30% around the robust Study Mean based on the information provided in the PDF dated 8-19-14. The motion was seconded by Joe P. and unanimously passed.

Selenium

The study concentration was 61.5 – 286 mg/Kg. It did pass the SOP criteria. It passed fixed limit criteria at 27.7%. The current concentration is 40 – 400 mg/Kg. The PDF file was dated 8-19-14.

Carl tested for fixed limit. Based on c&d coefficients, at the low end of the concentration range the limits would be relative to the mean at 58-140% and the upper concentration limit would be 71-129%. Carl would not recommend fixed limits.

Stephen noted that is not much different than it was previously and perhaps it makes sense to keep the current limits.

A motion was made by Stephen to retain the leave the concentration and limits for Selenium as is. The motion was seconded by Stacey and passed unanimously.

Strontium

The study concentration was 12.8 - 228 mg/Kg. It did pass the SOP criteria. It passed fixed limit criteria at 25.4%. The current concentration is 40 – 400 mg/Kg. Though it passed the criteria for fixed limits, the PDF graphs do not support this option.

Joe asked if the analysis could be re-run with what looks like two outliers at the bottom. Carl could not do this immediately. Dan pointed out that one is already an outlier.

A motion was made by Dan to leave a concentration limit of 40-400 mg/Kg for Strontium on the SCM FoPT accreditation table and use the new regression equations c&d as tabulated on the PDF dated 8-19-14. The motion was seconded by Joe P. and unanimously passed.

Thallium

The study concentration was 55.3 – 297 mg/Kg. It did pass the SOP criteria. Fixed limit criteria was not passed. The current concentration is 40 – 400 mg/Kg.

A motion was made by Dan to leave a concentration limit of 40-400 mg/Kg for Thallium on the SCM FoPT accreditation table and use the new regression equations c&d as tabulated on the PDF dated 8-19-14. The motion was seconded by Joe M. and unanimously passed.

There are a few more files to send and then the committee will be able to finish up metals and inorganics.

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 September 23, 2014.

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

The call was ended at 12:55pm EST. Motion – Joe P. Second – Stacey Unanimously approved.

Attachment A

Participants TNI Chemistry FoPT Subcommittee

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

Attachment B

Action Items – Chemistry FoPT Subcommittee

	Action Item	Who	Expected Completion	Actual Completion
111	Receive info on Class 1 Ozone Exemption from Joe M. and forward to Michella.	Carl	6/16/14	
113				

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	
10			