

## Chemistry FoPT Subcommittee Meeting Summary

September 7, 2023

### 1. Roll call, approval of minutes and overview:

Chair, Amy DeMarco, called the Chemistry FoPT meeting to order at 1pm Eastern on September 7, 2023. There were nine (9) members present (X):

Stephen Arpie - Absent		Svetlana Izosimova - Absent	X
Kathryn Chang	X	Susan Jackson - Absent	
Audrey Cornell	X	Carl Kircher - Absent	
Tom Dziejczak - Absent		Patrick Selig	X
Rachel Ellis	X	Amy DeMarco	X
Chuck Faulk - Absent		Aaron Bindel	X
Stacey Fry - Absent		Matt Graves	X
Craig Huff	X	Ilona Taunton – Program Administrator	X

Guests: Tim Miller, Dan Hartman (EPA) and Matt Sica (PJLA).

Amy had all committee members introduce themselves since two guests were present (Dan and Matt).

The Committee did not meet in August 2023.

There were no changes made to the agenda.

### 2. ARA for DW PFAS Limits

#### Footnote Discussion

Amy distributed the DRAFT Excel DW FoPT table for 29 analytes with proposed footnotes with the agenda. The analytes being added are in blue and the footnote changes/additions are in magenta. She reviewed all the footnotes on the table.

- Footnote 13j was added to the table as per July meeting.
- Footnote 15 was sent by email and approved on July 20, 2023:

Amy sent the following email to the Committee on July 20, 2023:

*OK, sounds good. Can I get a motion to approve the footnote as originally written below by Craig?*

*When analytes consist of a mixture of both linear and branched isomers, laboratories should report the "summed or total" concentration of the linear and branched isomers as a single result.*

A motion was made by Carl on July 20, 2023 by email to approve the footnote submitted by Craig as written above. The motion seconded by Craig Huff by email on 7/20/23.

Email Vote:

Susan – For (7/20/23)

Craig – For (7/20/23)

Rachel – For (7/20/23)

Kathryn – For (7/20/23)

Patrick – For (7/20/23)

Svetlana – For (7/20/23)

Carl – For (7/20/23)

Amy – For (7/20/23)

The motion passed and Footnote 15 will be added to the table.

When Footnote 15 was reviewed during the PTPEC meeting in Minneapolis a number of concerns were raised. The Subcommittee today will review this footnote for possible changes.

Tim Miller asked why 29 analytes were included. EPA is only looking at 6 analytes once this is all finalized. Amy noted that the ARA that was submitted was for the 29 analytes. Should all be spiked? Ilona noted that her understanding is that a percentage needs to be spiked. Tim Miller confirmed that it is defined in Volume 3 of the TNI Lab Standard – If there are over 20 analytes, 60% need to be spiked.

Footnote 13j:

Tim Miller noted that Footnote 13j is defined in the methods so it is not needed in the footnotes.

A motion was made by Aaron to remove Footnote 13j since it is already in the methods. The motion was seconded by Svetlana.

Discussion: Dan Hautman supports the approach. Labs need to be aware of it and asked if PT Providers can add this to their material that goes out with PTs. Amy noted that a suggestion can be made. More labs will complain about failures. Svetlana thought it could be included in the preparation instructions.

Vote: The motion was unanimously approved and Footnote 13j will be removed from the DRAFT Chemistry FoPT Table.

Footnote 15:

A number of comments regarding the footnote were made:

Is this a lab requirement? Is it appropriate to have this on the table? The method should be followed.

Does it belong on an FoPT table? If it is not in the table - how would the PT provider know it is needed?

New language for the footnote was proposed: For analytes with available quantitative isomeric mixtures of known linear and branched isomers, both forms must be present in the sample.

Amy asked for a motion, but people would like to look more closely at the methods and other information before deciding if this update is appropriate.

It was noted that PT Providers will need a lead time for implementation because they have product.

Possible Footnote 16 – Carl Kircher’s Proposal

Carl sent the following proposed footnote to the Subcommittee on 6/7/23:

*Even though the analyte listing is the PFAS Acid, the delineated Field of Proficiency Testing consists of both the Acid and its deprotonated conjugate base form. The applicable test methods for PFAS do not distinguish between the acid and base forms for each analyte and instead determine the total (acid + base).*

Even though the analyte listing is the PFAS Acid, the delineated FoPT consists of both the Acid and its deprotonated conjugate base form. The applicable test methods for PFAS do not distinguish between the acid and base forms for each analyte and instead determine the total (acid + base).

Matt noted that this is not a PT Provider comment and does not belong in the table. Aaron and Craig agreed that this is not necessary. There was no motion to add it to the table.

### 3. New Business

- There is an ARA in progress for Non-potable Water PFAS (Method 1633). It is still a DRAFT.
- Open Discussion

Limits in the table are +/- 40%, but EPA proposed +/- 30%. Dan commented that the 30% came from looking at a disinfectant by products rule for structure for PTs and MRL. They took the 30% and applied it to PFAS.

Amy offered to show some plots to support the 40% recommendation. Dan noted that others probably commented also that 40% is more appropriate.

Amy asked that others look closely at EPA and TNI analyte codes. Audrey agreed to formally do this and report back.

#### 4. Action Items

7/6/23:

- Continue discussion regarding footnotes by email. DONE

9/7/23:

- Review DRAFT Chemistry FoPT Table.
- Send Matt Sica's email for consideration.
- Audrey to review EPA and TNI analyte codes

#### 5. Next Meeting

The next meeting will be a teleconference on October 5, 2023 at 1pm Eastern.

The meeting was adjourned at 1:59pm Eastern.