

# **TNI Stationary Source Audit Sample Expert Committee (SSAS) Meeting Summary**

**March 2, 2020**

## 1. Roll call and approval of minutes:

Chair, Sheri Heldstab, called the TNI SSAS Executive Committee meeting to order by teleconference on March 2, 2020, at 2:30pm Eastern. Attendance is recorded in Attachment A – there were 5 committee members present. Guest(s): Stan Tong and Eugene Chen.

Iлона is looking for an example of the Action Summary that some of the other TNI committees use. She will forward this to Sheri to consider using instead of the current table for tracking action items in Attachment B.

## 2. SES Poster and FAQ

Sheri provided the most current copy of the poster and FAQ with the meeting agenda sent 3/2/20. She asked everyone to do a fact check and submit additional comments by email. She thanked Stan for all his input on the EPA portions of the poster.

Iлона was concerned about the language related to participating on calls. She will work with Sheri on this. Monthly call participants are supposed to be TNI members. Anyone is welcome at face-to-face public meetings.

Tom will provide updates to the PT Provider information.

She also sent the group a draft of the newsletter article she wants to submit to SES. She took most of it from the poster and FAQ handout. It was noted that the third paragraph should be 2011 and 2010. Sheri made this update.

Sheri noted that she capitalized Audit Sample to make sure everyone know she is talking about an Audit Sample and not an audit.

The rule reference was added.

Sheri asked for a vote of confidence to proceed with the poster. Everyone on the call voted “For”.

### 3. SOP 6-100

Sheri took Carl's suggestion and spent some time reviewing statistics. She shared the different options she looked at with the Committee.

Is our data set going to be so small that any weird variance would be notable simply by looking at the raw data submitted?

Which leads to:

Do we really need to do an ANOVA test for SSAS Pilot studies? PT's might need to if they did a similar Pilot Study type thing, because they have a lot more labs to choose from, but with source audit samples, there just aren't that many labs running the methods.

The answer for now is: Sheri needs to email Carl and Shawn again and see if either of them are available for a scheduled phone call (with or without screen sharing) to explain this to her in enough detail so that SSAS can get a better idea of what Carl was hoping to see.

- Sheri's concern is that a new provider will use ANOVA to say "hey, the data's great" when she had some really horrible "data sets" that she made up that, due to the small number of returned results, pass the ANOVA test as she understands it. She is not sure is understanding it correctly.

- Tom didn't think a Pilot Study data set would ever be close to a 'megadata set' and that ANOVA is not likely to be necessary, but doesn't want to definitively say that without a better understanding of what ANOVA is supposed to be doing.

The Committee decided to wait to hear more from Carl and to continue working on other parts of SOP 6-100.

- abbreviation for 'mean' has been changed from M to  $\bar{X}$  throughout document. Not everyone knew that the x-bar symbol meant average, but all were okay with the change since it's defined in the definitions at the top and no one thought "M" was any better.

- The Committee reviewed corrections from Carl that could be seen in the version of the SOP Sheri sent out with the agenda on 3/2/20. There were no disagreements with any of the changes.

There was confusion in section 6.2 about whether the section was discussing data for the entire concentration range or if it was discussing each assigned value separately. Tom wanted to see it read "manufacturing batch". Sheri will work on defining "manufacturing batch".

*(Addition: "manufacturing batch" got changed to "manufacturing lot" so it would fit with the TNI glossary/definition.)*

There was agreement (after discussion looped back to ANOVA again) that in the final data, there should be relatively even weighting of data from each lab - i.e. one lab's data can not constitute more than X% of the total data points used in the statistical analysis after outlier removal. Some thought this might remove the need to run ANOVA entirely.

#### 4. New Business.

- NEMC Chairs, Maria Friedman and Deb Gaynor, have asked Sheri to present at the NEMC Conference during the Air Session. She submitted an abstract on 2/7/20.

#### 5. Action Items

The action items can be found in Attachment B.

#### 6. Next Meeting

The next meeting will be March 16, 2020 at 2pm Eastern. Ilona will send out a WebEx invitation the day of the meeting.

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

Sheri adjourned the meeting at 4:30pm Eastern.

## Attachment A

### Participants

#### TNI

### Stationary Source Audit Sample Expert Committee

| <b>Members</b>  | <b>Rep</b> | <b>Affiliation</b>                            | <b>Contact Information</b>   |
|---|------------|---|--|
| Sheri Heldstab (2022*)<br>CHAIR<br><b>Present</b>                   | Lab        | Chester LabNet                                | sheldstab@chesterlab.net   |
| Tom Widera (2023)<br>VICE-CHAIR<br><b>Present</b>                   | Other      | ERA<br>(Provider)                             | twidera@eraqc.com  |
| Ilona Taunton,<br>Program Administrator<br><b>Present/Recording</b> |            | TNI   | Ilona.taunton@nelac-institute.org                                  |
| Ed MacKinnon (2022)<br><b>Present</b>                               | Other      | TRC Env Corp<br>(Stationary Source<br>Tester) | emackinnon@trcsolutions.com  |
| Gregg O'Neal (2020*)<br><b>Present</b>                              | AB         | NC DAQ  | gregg.oneal@ncdenr.gov   |
| Katie Gattis (2023)<br><b>Absent</b>                                | Lab        | Element One Inc.                              | <a href="mailto:katie.gattis@e1lab.com">katie.gattis@e1lab.com</a> |
| Michael Klein (2020*)<br><b>Absent</b>                              | AB         | NJ DEP  | michael.klein@dep.nj.gov   |
| Michael Schapira (2021*)<br><b>Present</b>                          | Lab        | Enthalpy Analytical<br>LLC                    | Mike.schapira@enthalpy.com   |

## Attachment B

### Action Items – Stationary Source Audit Sample Expert Committee

|    | <b>Action Item</b>  | <b>Who</b>    | <b>Date Added</b> | <b>Expected Completion</b> | <b>Completion</b>  |
|----|---|---------------|-------------------|----------------------------|--|
| 2  | Find out which group in EPA is helping the Microbiology FoPT Subcommittee crunch numbers for limits.        | Ilona         | 2/12/18           | 3/19/18                    | Need to hear back from Jennifer Best. [1/21/20: Eric Smith (PTEC) said that Chemistry FoPT subcommittee working on calculations] [2-18-20: Shawn did not have formulae, but agreed to stay in touch with me to ensure consistency between 6-100 & 4-101] |
| 9  | Prepare general summary of what the committee plans to change in the current Standard and why. First DRAFT. | Tom           | 4/23/18           | 5/21/18                    | In progress. [1/21/20: On hold until SOP 6-100 & 6-101 completed]  |
| 10 | Send ideas on Storage Condition issue to Tom so he can summarize them for an agenda item in July.           | All           | 6/18/18           | 7/15/18                    | How to word storage conditions. Leave open. [1/21/20: On hold until SOP 6-100 & 6-101 completed]   |
| 18 | Update SOP 6-100 based on review during meeting.  | Tom           | 1/22/19           | 2/24/19                    | In Progress  |
| 37 | Put current Charter up on the TNI website.  | Tom/Bob Wyeth | 2/18/20           | 3/2/20                     |  |

|    | <b>Action Item</b>   | <b>Who</b> | <b>Date Added</b> | <b>Expected Completion</b> | <b>Completion</b> |
|----|--|------------|-------------------|----------------------------|-------------------|
| 38 | Comment on Sheri's SES Poster for presentation.  | All        | 2/18/20           | 3/2/20                     |                   |
| 39 | Consider contacting PT Providers about providing Audit Samples after more procedures and modules are complete. | TBD        | 2/18/20           | TBD                        |                   |
| 40 | Send an example action table to Sheri from another committee.  | Ilona      | 3/2/20            | 3/16/20                    |                   |
| 41 | Meet with Carl Kircher and Shawn Kassner to discuss statistics in SOP 6-100.                                   | Sheri      | 3/2/20            | 3/16/20                    |                   |

