

TNI Stationary Source Audit Sample Expert Committee Teleconference  
January 10, 2011

Attendance:

Maria Friedman, Chair	Committee member	present
Michael Klein	Committee member	present
Gregg O'Neal	Committee member	present
Michael Schapira	Committee member	present
Jim Serne	Committee member	present
Candace Sorrell	Committee member	absent
Richard Swartz, Vice-chair	Committee member	present
Stanley Tong	Committee member	present
Mike Hayes	Committee member	present
Jane Wilson	Program Administrator	present
Shawn Kassner	Associate member	present
Mike Miller	Associate member	present
Ty Garber	Associate member	absent
William Daystrom	Guest	present
William Mills	Guest	absent

- 1) Double-check of documents to be referenced in this teleconference

All on the call confirmed they received the documents for discussion via Maria's 1/07/2011 e-mail and Jane's 1/09/2011 e-mail containing the 12/13/2010 minutes.

- 2) Review and approve minutes from teleconference on December 13, 2010

Maria noted that she had not requested the additional votes for the November 22, 2010 minutes from those not on the call December 13<sup>th</sup> - Jim S, Mike S, and Stan. She requested they email their votes to her and cc Jane as soon as possible.

The December 13th minutes were reviewed – Jim S motioned to approved/second by Mike S. All were in favor of the motion.

- 3) Chair Update

Maria reported the documentation for TNI SSAS program was submitted on December 17th to EPA. The SSAS Standards with the TIAs have been posted and the updated SSAS table will be posted shortly. EPA review is expected by end of January 2011.

Maria noted the first provider "class" provision was repealed by email voting, so as soon as two providers are accredited, the program can start when EPA accepts the TNI documentation. Providers are still not accredited yet, and it is not possible to know how many have applied for sure, but at least two have indicated interest. EPA has to approve the TNI SSAS program first. The accredited providers will be posted by EPA and the program can start when two providers are accredited. Jim asked if anyone has a SSAS price list available. He noted that bidding work is ongoing and it will help to have information for pricing. Shawn reported that ERA may have a price list available by March 20.

Final item is the annual committee charter update is due to be completed (for 2011). This will be an agenda item for the next meeting or Savannah.

- 4) Discuss Audit Sample template/form for estimating conc range (updated format)

Maria explained that William has updated and formatted the spreadsheet provided by the regulators. It is a draft, so the committee can recommend additional changes. William explained that he has differentiated what data are required to be entered by the user and what is a calculated value. He has created separate worksheets by method with examples for a single analyte method (method 26) and a multiple analyte method (method 29).

It was asked if method 26 will include other halogens besides HCl. William explained that if additional halogens are added to the SSAS table he can create additional columns. The content of these worksheets will be based on what is in current SSAS table.

Once the format is approved, William will create different worksheets per method. It was noted that in an earlier discussion, Stan recommended having a hardcopy version available, so that is why it will be designed as a spreadsheet per method. Method 23 will include calculations for items unique to that method. Depending on how many analytes are included in the method, it may preclude printing the spreadsheet in a useable format. It was asked if individual dioxin congeners will be listed and William will include this as well. The worksheet will need to be flexible to meet all the states' needs.

Michael Klein asked about inserting a default value for sample volume. The spreadsheet would utilize the default value unless the user enters a value other than default. The default value could be defined by the method. This would have an explanatory statement with it (similar to format of cell B14). The calculation is based on the default value unless another value is entered.

The committee discussed dilution issues, since often this isn't something the lab determines but is specified in the method itself. Often there are instructions with the audit sample to take an aliquot of the SSAS sample and bring it up to a specified volume

Maria noted the need to perform a validation of the calculations. Michael Klein added that the calculations are based on EPA standardized pressure, temp, etc. This information could be added to the notes to document the source of the values. Maria suggested the regulators do the validation of calculations. William will start further spreadsheet development for additional methods and then provide the spreadsheets to the regulators as they are ready. Once one set of calculations is validated, the same calculations are validated for the other sheets. Shawn asked if there are SOPs on performing the validation that should be consulted. Maria doesn't know of one, but the regulators can document how the validation was performed. Maria may have a validation method that can be used as a reference, or other committee members can share potential approaches. It was suggested that a tester participate in the validation too, since they will be an end user.

Gregg suggested the entered values be a different color to further differentiate from the calculated values.

Maria requested the regulators meet again and review the units, do the validation, etc. Maria will research whether a checklist might be available for the validation. Michael noted that changing the units may complicate some of the calculations. Maria also reminded the committee of the goal to make this tool simple and easy to use.

Michael Klein asked how the emissions limit in the data entry table is being determined. The default for the audit sample is to be at or slightly below the emissions limit or estimated emission rate. It was asked if there be low-medium-high ranges available for audit samples. Shawn suggested the addition of a note for users to check with the providers as to what concentration range is available. The worksheet needs to recognize what is actually available as an audit sample.

Maria asked the regulators to provide a progress report by Jan 21<sup>st</sup>. She requested that additional recommendations for improvement of the worksheets go back to William. Gregg asked whether a link to the SSAS table could be embedded in the spreadsheet and William will incorporate that.

Next meeting will be scheduled for Jan 24<sup>th</sup> at 2:00 pm ET.