

TNI Stationary Source Audit Sample Expert Committee Teleconference  
November 14, 2011

Attendance:

Maria Friedman – Chair TestAmerica (Laboratory)	Committee member	present
Mike Hayes Linde (Provider)	Committee member	absent
Michael Klein New Jersey DEP (State government)	Committee member	present
Theresa Lowe CCI Environmental	Committee member	present
Gregg O’Neal, North Carolina DAQ (State government)	Committee member	present
Michael Schapira Enthalpy (Laboratory)	Committee member	absent
Jim Serne TRC Solutions (Stationary Source Tester)	Committee member	absent
Richard Swartz, Vice-chair Missouri DNR (State government)	Committee member	absent
Stanley Tong EPA Region 9 (Federal government)	Committee member	absent
Ken Jackson TNI (Program Administrator)	Program Administrator	present
Ty Garber Wibby (Provider)	Associate member	absent
Shawn Kassner ERA (Provider)	Associate member	absent
Paul Meeter Weston Solutions (Stationary Source Tester)	Associate member	present
Mike Miller (Member at large)	Associate member	absent
William Mills Mills Consulting (NELAC Assessor)	Associate member	absent
William Daystrom TNI (Webmaster)	Guest	present
Rob Adams	Guest	present
Charles Simon	Guest	present

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

All present confirmed receipt of the documents e-mailed November 10, 2011.

- 2) Review and approve minutes from teleconference on October 24, 2011

Maria asked that Paul Meeter’s affiliation be added. Maria solicited comments from the members present, and there were no comments. Since a quorum was not present the

minutes could not be approved. Maria will ask the members to comment and approve by e-mail.

2a) Question raised

Charles questioned why a gas audit sample is needed for Method 25, since all other gas audits (NO<sub>x</sub>, CO etc.) do not need an audit sample. Why not allow EPA protocol gas suppliers to also provide the Method 25 gases? Maria asked Charles to send her an e-mail outlining this concern. Although nothing can be done about this at this time, Maria will direct the concern to Candace at EPA.

3) Review Audit Sample Calculation Tool

William explained his latest changes to the spreadsheet.

1. If the user enters values into both the "Emission Limit" and the "Est. In-Stack Gas Concentration" data entry cells, the spreadsheet will highlight both cells in bright red, and also highlight in red the note on the page instructing them to only enter one value or the other. This gives the user a clear indication what is wrong, in a way that is backward-compatible with older versions of Excel.
2. The default sample rates and volumes have been entered for each method, per the spreadsheet provided by Michael Klein who said default volumes were not needed for M23 and M315, since they are mass based audits. He did not provide default rates and volumes for M7 because he has no need for that method. However, others are free to look them up.
3. Richard provided a document with equations for M6. William copied those equations into the Equations tab; however, if there will be a separate set of equations for each method, he proposed putting the documents with equations on the TNI website, and that the equations tab merely include a set of links to those documents (in other words, do not include the equations in the spreadsheet itself, since having so many sets of equations would become unwieldy).

Method 6 was examined. Charles commented that "ppm" is still used by the stack testing community. Although there is a unit conversion calculator he suggested presenting these units as a primary header. Theresa suggested perhaps a line could be added to go to ppm. Paul pointed out the calculated values for audit concentration are in mg/mL and mg/L, whereas they are in mg/dscm in the SSAS table. Charles suggested adding another line for these units. Maria suggested line 12 (Est. In-Stack Gas Concentration) in the SSAS table to notify users if they entered a value that is outside that range.

It was agreed that William will update the spreadsheet based on this discussion.

4) Adjournment

The meeting was adjourned at 3:00 pm EDT.

The next meeting is scheduled for November 21, 2:00 - 3:30 pm EDT.

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for November 14, 2011:

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- 3) Review Audit Sample Calculation Tool