

**SUMMARY OF THE
TNI CHEMISTRY EXPERT COMMITTEE MEETING**

NOVEMBER 14, 2014

The Committee held a conference call on Friday, November 14, 2014, at 2:00 pm EST. Chair Richard Burrows led the meeting.

1 – Roll call

Richard Burrows, Test America (Lab)	Present
Francoise Chauvin, NYC DEP (Lab)	Present
Brooke Connor (Other)	Absent
Dan Dickinson, NYSDOH (Accreditation Body)	Present
Mandi Edwards, Envirochem (Lab)	Present
Tim Fitzpatrick, Florida DEP (Lab)	Present
JD Gentry, ESC (Lab)	Present
Nancy Grams, Advanced Earth Technologists, Inc. (Other)	Absent
Anand Mudambi, USEPA (Other)	Absent
John Phillips, Ford Motor Co., (Other)	Absent
Scott Siders, IL DEP (AB)	Absent
Gary Ward, OR DPH (AB)	Absent
Ken Jackson, Program Administrator	Present

Associate Committee members present: Arthur Denny; Reed Jeffery.

2 – Previous Minutes

In the absence of a quorum, the minutes of October 31 were not considered.

2 – Standards Interpretation Request (SIR)

The Committee considered SIR 277. The current standard lists analytes where an LCS is not required, because spiking solutions are not available. The questioner said spiking solutions are now available for some of these analytes such as TSS, TDS, TS, so asked if an LCS is therefore required. Tim said an LCS is not required because these are aggregate properties and not individual analytes. Francoise added that Standard Methods does not require an LCS for these methods. Richard agreed if the method does not require it the standard should not. Dan asked what you would be controlling by spiking when the test just uses a balance, and he added that PT data show only about 5% RSD for TS and TDS. Since there was general agreement that the standard does not require an LCS for those analytes, Richard said he would draft a response that laboratories are not required by the standard to analyze an LCS for TSS, TDS and TS. He would add that, although whole volume QC standards are available for some of the

solids tests, these are not spiking solutions as intended by the standard, and the source methods for these tests do not require LCS spikes.

3 – Definitions

Definitions for degrees of freedom and threshold testing had previously been discussed, and threshold testing had been voted on by the committee. A list of other possible definitions had also been distributed. Richard stressed definitions should only be added if there was potential confusion over a term. Francoise suggested dynamic range and linear dynamic range could be added. She pointed out that “linear range” and “linear calibration range” are both used in the standard. Dan questioned if RSE and RE should be defined. Richard felt RSE was already defined through the equation, and felt linear range was self-explanatory. Richard said he would circulate the definition of degrees of freedom for committee vote. The new definitions would all have to be taken through the voting process, and could hopefully be presented for discussion at the February meeting.

4 – Detection and Quantitation

A webinar on the Working Draft Standard was scheduled for December 12, and Richard said that would allow comments to be received in time for discussion at the February meeting.

5 – Other Business

Richard said a full day would be available at the February meeting, and he would ask by e-mail who would be there. There would be 2 new members in the new year to replace Dan and Tim who would rotate off.

5 – Adjournment

The meeting was adjourned at 2:45 pm EST, with the next meeting to be scheduled on December 12 at 2:00 pm.