

**SUMMARY OF THE  
TNI ENVIRONMENTAL MEASUREMENT METHODS EXPERT COMMITTEE  
MEETING**

**FEBRUARY 17, 2012**

The Committee held a conference call on Friday, February 17, 2012, at 2:00 pm EST.

**1 – Roll call**

Richard Burrows, Test America (Lab)	Present
Francoise Chauvin, NYCDOH (Lab)	Present
Brooke Connor, USGS (Other)	Absent
Dan Dickinson, NYSDOH (Accreditation Body)	Present
Tim Fitzpatrick, Florida DEP (Lab)	Present
Nancy Grams, Advanced Earth Technologists, Inc. (Other)	Present
Anand Mudambi, USEPA (Other)	Present
John Phillips, Ford Motor Co., (Other)	Present
Lee Wolf, Columbia Analytical Services (Lab)	Absent
Ken Jackson, TNI administrative support staff	Present

**2 – Minutes from January 30, 2012**

Several amendments to the draft minutes had been proposed and were discussed. It was also suggested a list of action items should be added to the minutes. Ken will make the agreed changes and will circulate the amended minutes to the Committee who will vote acceptance by e-mail.

**3 – Discussion of Items to Include in the Calibration Section of the Standard**

In Sarasota, the Committee had approved 6 items to include in the standard. The next steps will be drafting of proposed standard language, and the following assignments were agreed.

**Item 1. Use of alternative or additional metrics for acceptance of a curve (rather than just correlation coefficient).**

Assigned to Richard.

**Item 2. Different calibration requirements for detected and non-detected analytes.**

Assigned to Richard.

**Item 3. Minimum number of standards.**

Assigned to Anand.

**Item 5. Calibration verification shall be performed at or below the mid-point of the calibration curve.**

Assigned to Nancy.

**Item 6. Improve clarity on acceptance criteria for multi-peak analytes, eg PCBs, technical chlordane, toxaphene.**

Assigned to Anand and Francoise.

**Item 11. Controls over what points or levels may be excluded from a calibration, and in what circumstances.**

Assigned to Tim.

The proposed new language for the above items will be inserted into the existing quality systems chemistry standard (Volume 1, Module 4 of the 2009 TNI standard). Ken will obtain a MSWord copy of this module and will circulate to all Committee Members within the next week.

It was also discussed whether Item 13 (Definition of "independently prepared second source standard") should be considered. This topic had been the subject of a special session in Sarasota, where it was agreed the Quality Systems Committee would not amend the standard at this time, but would issue a Standards Interpretation of the meaning of this term and how it should be applied. The Committee agreed to defer to Quality Systems, though reconsideration of the term may later become the responsibility of the Committee.

Richard asked all Committee Members to review Volume 1 Module 4 of the 2009 standard to identify anything that is in conflict with the new sections that are being written, and that may also need to be addressed. It was questioned whether the new Quality Systems Voting Draft Standard should be reviewed. Ken suggested this should not be necessary, since the Quality Systems Committee has made it clear it will only consider clarification changes at this time. Any proposed substantive changes are being tabled until the next revision of the standard.

**4 – Next Steps**

Committee Members were asked to complete and circulate their draft language assignments prior to the next conference call on March 2.

## 5 – Adjournment

The meeting was adjourned at 2:50 pm EST

### LIST OF ACTION ITEMS TO BE COMPLETED

Item No.	Date Proposed	Action	Assigned to:	To be Completed by:
1	1/31/12	Add a definition of Reporting Limit or Quantitation limit to the standard.	Committee	Not determined
2	1/31/12	Continue to consider the concept of routine low-level QC in the standard.	Committee	Not determined
3	1/31/12	Review Sections 1.5 and 1.6 of the 2009 standard's chemistry module to determine if current calibration requirements are adequate.	Committee	Not determined
4	1/31/12	Spacing of calibration standards will be considered for the guidance document.	Committee	Not determined
5	2/17/12	Draft language for items in the calibration standard	Richard (Items 1 and 2) Anand (Item 3) Nancy (Item 5) Anand and Françoise (Item 6) Tim (Item 11)	3/2/12
6	2/17/12	Review Volume 1 Module 4 of the 2009 standard to identify any inconsistencies with the new language	All Committee Members	Not determined