

**Whole Effluent Toxicity Testing Expert Committee Meeting  
October 19, 2022 1:00 pm Eastern**

**1. Welcome and Announcements**

Rami welcomed everyone to the teleconference.

David Caldwell notified TNI that he will not continue to be involved after his retirement that was effective September 30. A new voting member of either the AB or "other" stakeholder category must be identified and approved for membership as soon as possible so that the committee can resume official business. For this meeting and until a replacement is found, discussions can occur but no votes can be undertaken. Review and editing of draft propose language for the revised module can continue.

Attendance is recorded in Attachment 1, below. There were no objections to the agenda as presented, and there were no comments on the September 21 minutes, which will be withheld from posting to the website until they can be officially approved.

**2. Updates and Ongoing Activities**

WET Technical Specialist Language

A few minor edits were offered by email after the September meeting, and the following revised language was provided to the Quality Management Systems Expert Committee:

Any technical specialist responsible for toxicity testing (Module 7) shall be a person with at least a bachelor's degree in biological, chemical, physical or environmental sciences or environmental engineering with a minimum of four (4) college-level courses in fields of biological or environmental sciences and at least two (2) years of experience in all parts of the analysis of toxicity testing of environmental samples representative of the analyses for which the technical specialist will be responsible. A master's or doctoral degree in one of the above disciplines may be substituted for one (1) year of experience.

Additional years of experience working in an environmental toxicity laboratory may be substituted for up to two (2) of the courses specified above. One (1) year of experience shall substitute for one (1) course. ~~Experience must be recent without lapse in related work history of greater than one (1) year.~~

WET FoPT Subcommittee of PTPEC

The newly constituted WET FoPT Subcommittee of PTPEC has established a meeting schedule for third Wednesdays at 1:30 pm Eastern. The group first met briefly on September 17, made introductions and established the group's objectives. Those objectives will be presented to the full PTPEC for approval and then the subcommittee's work can begin.

**3. Continue V1M7 Revisions -- Review and Discuss Draft Language for §6.3, Analyst DOC**

Definitions

Caitie provided a draft definition for Standard Reference Toxicant, and after a few minor edits, the group settled on this:

Reference Toxicant (RT) [or Standard Reference Toxicant (SRT)]: A reagent grade chemical, whose toxicity is known and quantifiable, used in toxicity testing to measure test organism sensitivity and to demonstrate a laboratory's ability to obtain consistent results.

The term "standard reference toxicant" is not used in the EPA Method Manuals (where "reference toxicant" appears) but seems to have originated in the early NELAC Standards. It can be found in the Toxicity Testing Appendix of the Quality Systems Chapter of the 2003 NELAC Standard, §D.2.1.e.1.

While definitions were being discussed, Teresa offered to look further into that history (perhaps from DMRQA), and also to provide a definition for control chart. Rami agreed to draft a definition for "similar technology", and it was noted that all acronyms in the draft will need either to be spelled out at first use and where appropriate, defined in §3 also. Teresa agreed to draft definitions for those, also.

Another point arose during this definitions conversation, about acronyms used in §8, and that §8 may be omitted after all, since PT Expert Committee never agreed to incorporate WET PT language into any of the PT modules or volumes. However, participants agreed that there does need to be explanation of why WET PTs are different (one/year, which is what DMR-QA offers)

#### §6.3 Demonstration of Capability/Competence (DOC)

Rami led a discussion that resulted in some edits to the draft language for §6.3, about analyst DOCs, and asked that committee members review the language of §6.3 as homework.

#### 4. New Business

Stephen noted that the SETAC meeting (November 13-17, see <https://pittsburgh.setac.org/>) will have aquatic toxicity sessions plus an Aquatic Tox Interest Group meeting with an open forum and social afterwards.

After discussion about rescheduling the November meeting to avoid conflict with SETAC, Rami adjourned the meeting.

#### 5. Next Meeting

The next teleconference meeting is rescheduled for **Wednesday, November 30, at 1 pm Eastern**, due to the SETAC meeting taking place on the regularly scheduled day. All members will receive a WebEx invitation for screen sharing – expect that to arrive on the morning of the meeting date, as an email from Ilona Taunton. The agenda and any needed documents will be sent in advance.

**Attachment 1**

**WET Expert Committee Membership**

<b>Member</b>	<b>Affiliation</b>	<b>Email</b>	<b>Category</b>	<b>Term Expiration</b>	<b>Present</b>
Dwayne Burkholder	PA DEP	<a href="mailto:dburkholde@pa.gov">dburkholde@pa.gov</a>	AB	Jan. 2024 (1)	Yes
Thekkekalathil "Chandra" Chandrasekhar	FL DEP	<a href="mailto:Thekkekalathil.Chandrasekhar@dep.state.fl.us">Thekkekalathil.Chandrasekhar@dep.state.fl.us</a>	Lab	Jan. 2024 (1)	Yes
Stephen Clark	Pacific EcoRisk	<a href="mailto:slclark@pacificecorisk.com">slclark@pacificecorisk.com</a>	Lab	Jan. 2024 (1)	Yes
Rami Naddy (Chair)	TRE Env. Strat. LLC	<a href="mailto:naddyrb.tre@gmail.com">naddyrb.tre@gmail.com</a>	Lab	Jan. 2024 (3)	Yes
Teresa Norberg-King	USEPA	<a href="mailto:Norbe010@d.umn.edu">Norbe010@d.umn.edu</a>	Other (Affiliate)	Jan. 2023	Yes
John Overbey	American Interplex Corp.	<a href="mailto:joverbey@americaninterplex.com">joverbey@americaninterplex.com</a>	Lab	Jan. 2024 (2)	Yes
Natalie Love	GEI Consultants	<a href="mailto:nlove@geiconsultants.com">nlove@geiconsultants.com</a>	Other	Jan. 2024 (1)	Yes
Ila Meyer-Fritzsche	VA DCLS	<a href="mailto:ila.meyer-fritzsche@dgs.virginia.gov">ila.meyer-fritzsche@dgs.virginia.gov</a>	AB	Jan. 2024 (1)	Yes
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Caitie Van Sciver	NJ DEP	<a href="mailto:Caitie.VanSciver@dep.nj.gov">Caitie.VanSciver@dep.nj.gov</a>	AB	Jan. 2024 (1)	No
Bruce Weckworth	HRSD	<a href="mailto:Bruce.weckworth@hrsd.com">Bruce.weckworth@hrsd.com</a>	Lab	Jan. 2024 (1)	No
<b>Associate Members</b>					
Yakuta Bhagat	EnviroScience	<a href="mailto:ybhagat@enviroscienceinc.com">ybhagat@enviroscienceinc.com</a>	Lab (assoc.)		No
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KC Lee	Environmental Enterprises	<a href="mailto:klee@eeusa.com">klee@eeusa.com</a>	Lab (Assoc.)		No
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<b>Program Administrator:</b> Lynn Bradley, <a href="mailto:lynn.bradley@nelac-institute.org">lynn.bradley@nelac-institute.org</a>					

## Attachment 2 – Agenda

Participants were notified that the committee is out of balance due to the loss of an AB stakeholder, but that routine updates and discussion concerning draft language of the module revision could still take place.

- Welcome and Roll Call
- Comments on September Minutes, if any (see attached)
- Updates
  - Search for New Member to Restore Balance
  - Revised Technical Specialist Language (revision attached was sent to QMS Expert Committee)
  - PTPEC WET FoPT Subcommittee Activity (if any)
- V1M7 Revisions
  - Reference Toxicant Definition (see attached, with thanks to Caitie)
  - Review and Discuss Draft Language for §6.3, Analyst DOC (see attached draft module, with examples reformatted and included)
- New Business, if any
- Adjourn