

**Whole Effluent Toxicity Testing Expert Committee Meeting  
June 15, 2022 1:00 pm Eastern**

**1. Welcome and Announcements**

Rami welcomed everyone to the teleconference. Attendance is recorded in Attachment 1, below. The agenda was approved by acclamation after a revision to include its approval, and is included as Attachment 2. The minutes of May 18 were then approved by unanimous vote after a motion by David seconded by Chandra, with John abstaining due to his absence from that meeting.

**2. Update on PT Interactions**

Rami sent the updated table of standardized test conditions to the PTPEC Chair. Thus far, no response has been received. The final version accompanies the distribution of these minutes.

**3. Review and Update Technical Expert Language (Formerly Technical Manager Qualifications)**

TNI's Competency Task Force started to address the knowledge, skills, and abilities required by a Technical Manager, but after considerable discussion, determined that the requirements of the current Standard do not meet the needs nor the actual practice of many laboratories. They updated the concept, now referred to as Technical Expert, and discussed it at length including at least one conference session and a NELAP Accreditation Council meeting. That updated concept was referred to the renamed Quality Management Systems Expert Committee for further refinement prior to inclusion in the next revision of the Environmental Laboratory Sector Standard.

WET was asked to provide its preferred language for this new concept. As the committee had already discussed this at length, several years ago, only minor refinements were necessary – changing course credit hours to number of courses and a bit of reformatting. The new draft language at the end of the discussion is shown below, and the full document of the draft proposed revision is attached to the email distributing these minutes. Final approval was delayed until the July meeting so that all committee members would have the opportunity to comment.

Any technical expert of an accredited environmental laboratory engaged in toxicity testing shall be a person with at least a bachelor's degree in life sciences, environmental sciences, natural sciences or environmental engineering and a minimum of four (4) college-level courses in fields of biological or environmental sciences from an accredited institution, and have 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 laboratory seeks or maintains accreditation.

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 of the courses specified above. One year of experience shall substitute for 1 course. Multiple years of substitution may be utilized, but each year substituted must be related to the learning of and proficiency across the scope of accreditation. Experience must be recent without any lapse in related work history of greater than one (1) year.

**4. Resume Revision of §6 DOC language**

This discussion opened with consideration of how to clearly define "calendar year". Apparently,

some NELAP ABs have the timeframes codified in regulation, but not in a consistent way, and the TNI Glossary does not attempt to define it. The committee finally settled on “twelve months not to exceed thirteen months”.

There was also some discussion about whether all DOCs could or should be included in the Quality Systems module. This was done in the 2003 NELAC Standard (only 1.5 pages, however, with no specifics for different analyses such as chemistry, microbiology, etc.), but that approach was abandoned for the 2009 TNI Standard.

At this point, time was expired. The discussion will resume with affirmation of these edits and then proceed to §6.3 for the July meeting.

#### **5. New Business**

There was no new business. Stephen moved and John seconded that the meeting be adjourned.

#### **6. Next Meeting**

The next teleconference meeting will be **Wednesday, July 20, at 1 pm Eastern**. 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)	No
David Caldwell	OK DEQ	<a href="mailto:David.caldwell@deq.ok.gov">David.caldwell@deq.ok.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. 2022	No
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)	No
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
Katie Payne	Enthalpy Analytical	<a href="mailto:katie.payne@enthalpy.com">katie.payne@enthalpy.com</a>	Lab	Jan. 2024 (1)	No
Caitie Van Sciver	NJ DEP	<a href="mailto:Caitie.VanSciver@dep.nj.gov">Caitie.VanSciver@dep.nj.gov</a>	AB	Jan. 2024 (1)	Yes
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
Sarah Brown	Cove Environmental	<a href="mailto:sarah@covesciences.com">sarah@covesciences.com</a>	Lab (assoc.)		No
Ginger Briggs	Bio-Analytical Laboratories	<a href="mailto:bal@bioanalyticallabs.com">bal@bioanalyticallabs.com</a>	Lab (assoc.)		No
Antoine Chamsi	East Bay Muni-cipal Utility Dist.	<a href="mailto:antoine.chamsi@ebmud.com">antoine.chamsi@ebmud.com</a>	Lab (Assoc.)		No
Michael Chanov	EA Eng., Sci. &Tech.	<a href="mailto:mchanov@eaest.com">mchanov@eaest.com</a>	Lab (Assoc.)		No
Erin Consuegra	ERA LAB	<a href="mailto:econsuegra@eralab.com">econsuegra@eralab.com</a>	Lab (Assoc.)		No
Helen Conrad	North Water Dist. Lab. Svcs.	<a href="mailto:helen.conrad@nwds.com">helen.conrad@nwds.com</a>	Lab (Assoc.)		Yes
Pete De Lisle	Coastal Bioanalysts Inc.	<a href="mailto:pfd@coastalbio.com">pfd@coastalbio.com</a>	Lab (assoc.)		Yes
Monica Eues	CK Associates	<a href="mailto:Monica.eues@c-ka.com">Monica.eues@c-ka.com</a>	Lab		No

			(Assoc.)		
Amy Hackman	PA Dept. Environ. Prot.	<a href="mailto:ahackman@pa.gov">ahackman@pa.gov</a>	AB (assoc.)		Yes
Christina Henderson	Bio-Aquatic Testing, Inc.	<a href="mailto:chenderson@bio-aquatic.com">chenderson@bio-aquatic.com</a>	Lab (Assoc.)		Yes
Paul Junio	Northern Lake Service, Inc.	<a href="mailto:paul.junio@pacelabs.com">paul.junio@pacelabs.com</a>	Lab (Assoc.)		No
KC Lee	Environmental Enterprises	<a href="mailto:klee@eeusa.com">klee@eeusa.com</a>	Lab (Assoc.)		No
Marlene Moore	Advanced Systems	<a href="mailto:mmoore@advancedsys.com">mmoore@advancedsys.com</a>	Other (assoc.)		No
Michele Potter	NJ Dept. of Environ Protect.	<a href="mailto:Michele.Potter@dep.nj.gov">Michele.Potter@dep.nj.gov</a>	AB (assoc.)		No
Christina Pottios	Los Angeles Cty. Sanitation Districts	<a href="mailto:cpottios@lacs.org">cpottios@lacs.org</a>	Lab (Assoc.)		Yes
Mary Ann Rempel-Hester	EcoAnalysts	<a href="mailto:mrempele@ecoanalysts.com">mrempele@ecoanalysts.com</a>	Lab (Assoc.)		Yes
Greg Savitske	US EPA OECA	<a href="mailto:Savitske.gregory@epa.gov">Savitske.gregory@epa.gov</a>	Other (Assoc.)		No
Alex Tite	EnviroScience	<a href="mailto:atite@enviroscienceinc.com">atite@enviroscienceinc.com</a>	Lab (assoc.)		No
Lem Walker	USEPA OW/OST	<a href="mailto:Walker.lemuel@epa.gov">Walker.lemuel@epa.gov</a>	Other (Assoc.)		No
Craig Watts	Hydrosphere Research	<a href="mailto:cwatts@hydrosphere.net">cwatts@hydrosphere.net</a>	Lab (Assoc.)		No
Elizabeth West	LA DEQ LELAP	<a href="mailto:elizabeth.west@la.gov">elizabeth.west@la.gov</a>	AB (assoc.)		No
<b>Program Administrator:</b> Lynn Bradley, <a href="mailto:lynn.bradley@nelac-institute.org">lynn.bradley@nelac-institute.org</a>					

## Attachment 2 – Agenda

- Welcome and Roll Call
- Approval of Agenda (*added prior to approval*)
- Approval of May Minutes (attached)
- Update on PT Standardized Test Conditions Table
- Review and Update Technical Expert Language (formerly Technical Director, see attached the most recent language as inserted into proposed text plus assorted background documents and comments on the concept)
- Resume Revision of §6 DOC language (most recent draft module attached)
- New Business, if any
- Adjourn