

**Whole Effluent Toxicity Testing Expert Committee Meeting  
January 17, 2024 1:00 pm Eastern**

**1. Welcome and Announcements**

Rami welcomed everyone. The agenda (see Attachment 2 below) was approved by unanimous consent with an amendment to add discussion of a request from Jerry Parr, TNI Executive Director, for questions to be used for the Method Validation Specialist digital badge (for the soon-to-come credentialing initiative). Attendance is recorded in Attachment 1, below. The minutes of December 16 were approved unanimously after a motion by Stephen, seconded by Chandra.

Rami asked that Arianna Krueger, a new associate member, please introduce herself and she did so.

**2. Update on PTPEC WET FoPT Subcommittee**

The group will now meet on the first day of conference in Columbus, January 22, but that meeting is likely to conflict with the WET committee session, which would be unfortunate.

**3. Conference Reminder**

Lynn reminded everyone about conference next week. Rami, Gretchen and Chandra will be there, and possibly a few associate members.

**4. Nomination(s) and Election of New Chair**

There were no additional volunteers for the Chair position. Teresa nominated herself and Rami seconded the nomination. With no further discussion, the vote was unanimously in favor of Teresa becoming the next Chair. Welcome and thank you, Teresa!

**5. Revising the Module**

Review of the definitions resumed at PMSD. The substantial discussion points are noted below.

- It is important to distinguish “effect” (the real time change in organisms) from “effective concentration” (as used in the method manual), and to include Inhibition Concentration (IC) and Lethal Concentration (LC) as well as Effective Concentration (EC). These latter terms have been added back into the draft module, as IC and EC are used in the text; LC was already there. These acronyms are typically designated with a percentage of organisms showing the change designated, e.g., LC50 or EC25.
- Retain Positive Control but tie it to Standard Reference Toxicant.
- Keep the QA definition as this for toxicity is different than the definition in V1M2.
- Retain Reference Toxicant and Reference Toxicant Test in addition to Standard Reference Toxicant and Standard Reference Toxicant Test, as method manuals use “reference toxicant” but the colloquial terminology is “standard reference toxicant” or SRT.

The review of definitions was completed by the end of this meeting.

The remaining comments in the draft module still need to be addressed, beginning with the February meeting.

## 6. New Business

Time was expired. The added agenda item was addressed among Rami, Stephen and Teresa, with Lynn adding background explanation after the meeting ended.

Chandra moved and Teresa seconded that the meeting be adjourned, and approval was unanimous.

Summary of post-meeting discussion: Jerry Parr had provided some possible questions that he thought might be usable for the digital badge exam, but the committee leadership believes that some different questions would better address the desired knowledge, skills and abilities. However, with the last details of drafting the module so close to completion, all are reluctant to set the module aside in order to create those questions with the committee. Rami reached out to Jerry with a proposal to provide revised questions in three months, and that was accepted. Lynn has shared information about the Quality Manager credential and the credentialing initiative with Rami, Stephen and Teresa, and will gladly share that information with other committee members upon request, as it will all be public at the end of conference on January 24.

## 7. Next Meeting

The next teleconference meeting will be on **Wednesday, February 21, 2024, at 1 pm Eastern.** A Microsoft Teams link for screen-sharing or just a telephone option will be provided with the agenda and any needed documents, in advance of the meeting.

**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>
Beth Biller	VA DCLS	<a href="mailto:Beth.biller@dgs.virginia.gov">Beth.biller@dgs.virginia.gov</a>	AB	Jan. 2026 (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. 2027 (2)	Yes
Stephen Clark (Vice Chair)	Pacific EcoRisk	<a href="mailto:slclark@pacificecorisk.com">slclark@pacificecorisk.com</a>	Lab	Jan. 2027 (2)	Yes
Darrin Greenstein	Southern CA Coastal Water Research Proj.	<a href="mailto:Darring@sccwrp.org">Darring@sccwrp.org</a>	Other	Jan. 2026 (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 (Chair-Elect)	USEPA (retired)	<a href="mailto:Norbe010@d.umn.edu">Norbe010@d.umn.edu</a>	Other (Affiliate)	Jan. 2027	Yes
John Overbey	Eurofins Arkansas	<a href="mailto:joverbey@et.eurofinsus.com">joverbey@et.eurofinsus.com</a>	Lab	Jan. 2024 (2)	No
Katie Payne	Enthalpy Analytical	<a href="mailto:katie.payne@enthalpy.com">katie.payne@enthalpy.com</a>	Lab	Jan. 2027 (1)	Yes
Caitie Van Sciver	NJ DEP	<a href="mailto:Caitie.VanSciver@dep.nj.gov">Caitie.VanSciver@dep.nj.gov</a>	AB	Jan. 2027 (2)	Yes
Lyndsay Thomas	Coastal Bioanalysts, Inc.	<a href="mailto:lyndsay@coastalbio.com">lyndsay@coastalbio.com</a>	Lab	Jan. 2026 (1)	No
Gretchen Welfinger	NY ELAP	<a href="mailto:gretchen.welfinger@health.ny.gov">gretchen.welfinger@health.ny.gov</a>	AB	Jan. 2027 (1)	Yes
Elizabeth West	Retired	<a href="mailto:eawest1111@gmail.com">eawest1111@gmail.com</a>	Other	Jan. 2027 (1)	Yes
<b>Associate Members</b>					
Steve Boggs	CA ELAP	<a href="mailto:steve.boggs@waterboards.ca.gov">steve.boggs@waterboards.ca.gov</a>	AB (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
MaryAnn Concepcion	SF Water	<a href="mailto:Mconcepcion@sflower.org">Mconcepcion@sflower.org</a>	Lab (Assoc.)		No
Helen Conrad	North Water Dist. Lab. Svcs.	<a href="mailto:helen.conrad@nwdls.com">helen.conrad@nwdls.com</a>	Lab (Assoc.)		Yes
Amy Hackman	PA Dept. Environ. Prot.	<a href="mailto:ahackman@pa.gov">ahackman@pa.gov</a>	AB (assoc.)		No

Christina Henderson	Bio-Aquatic Testing, Inc.	<a href="mailto:chenderson@bio-aquatic.com">chenderson@bio-aquatic.com</a>	Lab (Assoc.)		No
Paul Junio	Pace Laboratories	<a href="mailto:paul.junio@pacelabs.com">paul.junio@pacelabs.com</a>	Lab (Assoc.)		No
Arianna Krueger	Coastal Bioanalysts, Inc.	<a href="mailto:arianna@coastalbio.com">arianna@coastalbio.com</a>	Lab (Assoc.)		Yes
KC Lee	Environmental Enterprises	<a href="mailto:klee@eeusa.com">klee@eeusa.com</a>	Lab (Assoc.)		No
Cody Medley	Pace National	<a href="mailto:cody.medley@pacelabs.com">cody.medley@pacelabs.com</a>	Lab (Assoc.)		No
Kathi Mitchell	RMB Environmental Laboratories, Inc.	<a href="mailto:Kathleen.Mitchell@rmbel.info">Kathleen.Mitchell@rmbel.info</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.)		No
Jessica Redifer	EA Eng., Sci. &Tech.	<a href="mailto:jredifer@eaest.com">jredifer@eaest.com</a>	Lab (Assoc.)		No
Mary Ann Rempel-Hester	EcoAnalysts, Inc.	<a href="mailto:mrempel@ecoanalysts.com">mrempel@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

**Program Administrator:** Lynn Bradley, [lynn.bradley@nelac-institute.org](mailto:lynn.bradley@nelac-institute.org)

**Attachment 2 – Agenda (as amended), January 17, 2024**

- Welcome and Roll Call
- Approval of Agenda
- Approval of Minutes (December minutes attached)
- Update on FoPT Subcommittee (if any)
- Conference Reminder
- Nomination(s) and Election of New Chair
- Revising V1M7 (current draft attached)
  - Resume review of definitions at PMSD
  - Review and resolve remaining comments in draft module
- New Business– request for WET questions for Method Validation Specialist digital badge, for TNI credentialing initiative
- Adjourn