

**Whole Effluent Toxicity Testing Expert Committee Meeting  
March 16, 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, and is included as Attachment 2. The minutes of February 16 were approved by unanimous vote after a motion by Bruce seconded by Chandra, with John abstaining due to his absence.

**2. Update on PT Interactions**

Another teleconference with WET representatives and PTPEC took place on February 24. PT Expert Committee representatives were invited but declined to participate. All WET committee members were invited to the next PTPEC call, on March 17. The primary issue that PTPEC seeks to resolve is establishing the WET Fields of Proficiency Testing Subcommittee.

**3. Updates to 2015 WET Table**

Participants began reviewing a table of test conditions for PT/DMRQA samples that was first created some years ago by the then-WET-FoPT-Subcommittee. The plan is to get consensus on appropriate conditions for standardizing the analysis of WET PT samples, so that all data reported for a particular organism and method will be comparable.

The partially revised table is being distributed with these minutes. Highlighted text indicates that there may be further discussion of that revision, while revisions that were generally accepted by everyone are not marked.

Major discussion points were as follows:

- The age range for fathead minnows should be narrow, and one-day-old organisms should be avoided completely, as those would not be available to labs purchasing the organisms from vendors (due to shipping time). Seven to eleven days (like the sheepshead minnows) was settled on, as the older fish are too difficult to catch, but there was some sentiment for using younger animals (3-5 or 4-6 days).
- Fresh water types may be an issue, as some labs use Perrier and others, moderately hard synthetic fresh water, yet these two types are not identical, especially with Ceriodaphnia and zinc. One type should be specified for the PTs, regardless of what a lab normally uses.
- Using consistent test conditions may decrease acceptance limits for the PT studies but should still benefit all labs.
- The one test that specifies 26° C is not an error, but rather a method requirement.
- The reason for specifying chamber size and minimum volumes is to prevent overcrowding of animals, but if those things are specified in the test method, should they be repeated as “requirements”?
- Should glass or plastic containers be specified? Glass adsorbs minerals, while plastic absorbs organics.
- The ratio of surface area to volume matters with Mysid shrimp.
- There is a noticeable difference, in Ceriodaphnia, between organisms harvested in daylight hours versus nighttime – the nighttime harvest animals reproduce later.
- Should chronic tests be terminated at a specified time (multiple of 24 hours) or release of a third brood or when a certain percentage of the animals are no longer alive?

At this point, time was expired. Review of the table will resume in April.

**4. New Business**

There was no new business. Dwayne moved and Caitie seconded that the meeting be adjourned.

**5. Next Meeting**

The next teleconference meeting will be **Wednesday, April 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)	Yes
David Caldwell	OK DEQ	<a href="mailto:David.caldwell@deq.ok.gov">David.caldwell@deq.ok.gov</a>	AB	Jan. 2024 (1)	No
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)	No
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	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
Rosana McConkey	WA Dept. of Ecology	<a href="mailto:rosa461@ECY.WA.GOV">rosa461@ECY.WA.GOV</a>	Non-NELAP AB	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)	No
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)	Yes
<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.)		Yes
Ginger Briggs	Bio-Analytical Laboratories	<a href="mailto:bal@bioanalyticallabs.com">bal@bioanalyticallabs.com</a>	Lab (assoc.)		Yes
Chris Burbage	Hampton Roads Sanitation District	<a href="mailto:cburbage@hrsd.com">cburbage@hrsd.com</a>	Lab (assoc.)		No
Antoine Chamsi	East Bay Municipal 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.)		Yes
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@nwdls.com">helen.conrad@nwdls.com</a>	Lab (Assoc.)		No
Pete De Lisle	Coastal Bioanalysts Inc.	<a href="mailto:pfd@coastalbio.com">pfd@coastalbio.com</a>	Lab (assoc.)		Yes
Kevin Dischler	Element Materials Technology	<a href="mailto:Kevin.dischler@element.com">Kevin.dischler@element.com</a>	Lab (Assoc.)		No
Monica Eues	CK Associates	<a href="mailto:Monica.eues@c-ka.com">Monica.eues@c-ka.com</a>	Lab (Assoc.)		No
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.)		Yes
Paul Junio	Northern Lake Service, Inc.	<a href="mailto:paulj@nlslab.com">paulj@nlslab.com</a>	Lab (Assoc.)		No
KC Lee	Environmental Enterprises	<a href="mailto:klee@eeusa.com">klee@eeusa.com</a>	Lab (Assoc.)		Yes
VelRey Lozano	USEPA Reg. 8	<a href="mailto:Lozano.VelRey@epa.gov">Lozano.VelRey@epa.gov</a>	Other (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@lacsdsd.org">cpottios@lacsdsd.org</a>	Lab (Assoc.)		Yes
Mary Ann Rempel-Hester	EcoAnalysts	<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
Justin Scott	Cove Sciences	<a href="mailto:justin@covesciences.com">justin@covesciences.com</a>	Lab (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
- Approval of Minutes (February 16 minutes attached)
- Update on PT issues
  - Teleconference with PTPEC, WET invited to 3/17 1 pm EST PTPEC meeting
  - Review and Discuss Updates to 2015 WET Table (attached)
- Resume Review and Revision of V1M7
  - Affirm changes to subsections t through y of 1.7.1.5 (draft V1M7 attached, see new language in subsection x)
  - Revisit §1.4 Method Selection, 3<sup>rd</sup> paragraph (new language about modified methods)
  - Affirm §1.4-1.5 as complete, time permitting
- Begin Discussion of §1.6, time permitting
- New Business
- Adjourn