

**Whole Effluent Toxicity Testing Expert Committee Meeting  
December 15, 2021 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 November 17 were approved by unanimous vote after a motion by Bruce seconded by Tom.

**2. Update on Conversation with PTPEC**

At the request of the PT Expert Committee (PTEC), the Chairs of WET, PTEC and PTPEC (the PT Program Executive Committee) were scheduled to meet on November 29, but no PTEC representatives were present. The discussion was planned to review the agreement arrived at during the joint committee meeting at conference in February 2021, but that conversation remains to be held. For now, it is just clear that WET should spend no more time reviewing the new §1.8 (about PT documentation) until the issue is resolved, whether the instructions for analyzing WET PTs should be in the FoPT tables or in one of the PT modules.

The PTPEC Chair, Shawn Kassner, did express his concern that the WET FoPT Subcommittee was not yet formed. When Lynn explained that the TNI Board gave clear direction that the WET Expert Committee cannot be that subcommittee and cannot independently form that subcommittee, but that names of volunteers for it have already been provided, then Shawn asked that the WET volunteers offer up a potential Chair for the subcommittee. The responsibilities of that subcommittee chair would be to manage the subcommittee (which will likely have staff support) and to attend the monthly PTPEC meetings, in order to report on subcommittee activities. Tom Widera is considering whether he will take on that role, and the other volunteers are Rami, Ginger, and Pete.

**3. Election**

There were no applications for vacant 15<sup>th</sup> member slot that Sarah Hughes' departure creates. This person should be of the "other" stakeholder category, as there are so few "others" now. Thus, the election consisted of Chair, Vice Chair, and affirming Teresa to continue as an Associate Member.

For the Chair position, Rami temporarily departed the call and Stephen took over. With no other nominations offered, Stephen called for a vote for Rami to continue as Chair, and approval was unanimous.

Rami returned and resumed moderating the call, and Stephen temporarily departed. With no other nominations offered for Vice Chair, Rami called for a vote that Stephen continue as Vice Chair, and approval was unanimous.

Upon Stephen's return to the call, Rami called for a vote to continue Teresa's role as Affiliate Member of the committee. Again, approval was unanimous.

**4. Review of V1M7 – Affirm Changes to §1.7.1.5.d and 1.7.1.5.f**

1.7.1.5.d – a question was raised about whether annual taxonomic identification is needed or if it should be only at initiation of culture and when new organisms are introduced, and also about

what qualifies someone as “expert” to perform that identification. The final language agreed upon is repeated here:

The laboratory or a contracted outside expert shall positively identify cultured test organisms to species when the cultures are established and when new organisms are introduced. Identification of the test organisms shall be kept on file at the laboratory and include the name and qualifications of the person performing the identification and taxonomic reference (citation and page). When test organisms are obtained from an outside source the supplier shall provide this same information. Field collected organisms (each collection) shall also be identified to species with the same taxonomic information.

1.7.1.5.f – the language was again revised to better distinguish between static/static-renewal tests and flow-thru tests, and to add a requirement to monitor temperature in each concentration, and to eliminate duplicative language. The final language agreed upon is below:

Test temperature shall be maintained as specified for the method. Temperature control equipment shall be adequate to maintain the required test temperature(s). The average daily temperature of the test solutions shall be maintained within method specified range.

For static and static-renewal tests: The minimum frequency of measurement shall be once per twenty-four (24) hour period over the duration of the test in the control and all test concentrations.

For flow-through tests: Throughout the test in at least one test chamber, either temperature must be measured or monitored at least hourly, or the maximum and minimum temperatures, must be measured daily. In addition, instantaneous temperature must be measured daily in the control and all test concentrations.

## **5. Continue Affirming Prior Changes to Subsections g, h, and i**

At the January meeting, assuming d and f are now acceptable, review will continue with changes to subsections g, h, and i. Then review of new edits can resume at subsection k, in the future.

New Language for §1.5 and 1.6 and Comments on §1.8 – New language for sections 1.5 and 1.6 is now incorporated into the draft revision of V1M7 that accompanies these minutes. Committee members are asked to review the new language in these sections and provide feedback.

## **6. New Business**

None. The scheduling for a January meeting was discussed, and Rami adjourned the meeting.

## **7. Next Meeting**

The next teleconference meeting is being rescheduled to the FOURTH Wednesday, January 26, 2022, due to conference week being the third week of the month. In order to accommodate Lynn’s schedule conflict, the time of this meeting needs to be delayed an hour, so the next meeting will be **January 26, 2022, at 2 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

Member	Affiliation	Email	Category	Term Expiration	Present
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)	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
Sarah Hughes	Shell Oil Co.	<a href="mailto:s.hughes@shell.com">s.hughes@shell.com</a>	Other	Jan. 2022 (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:norberg-king.teresa@epa.gov">norberg-king.teresa@epa.gov</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)	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)	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)	Yes
Tom Widera	Pace Labs	<a href="mailto:Thomas.Widera@pacelabs.com">Thomas.Widera@pacelabs.com</a>	Lab	Jan. 2024 (1)	Yes
<b>Associate Members</b>					
Travis Bartholomew	ORELAP	<a href="mailto:Travis.J.Bartholomew@dhsosha.state.or.us">Travis.J.Bartholomew@dhsosha.state.or.us</a>	AB (assoc.)		No
Yakuta Bhagat	EnviroScience	<a href="mailto:ybhagat@enviroscienceinc.com">ybhagat@enviroscienceinc.com</a>	Lab (assoc.)		No
Sylvia Bogdan	EPA R6	<a href="mailto:Bogdan.sylvia@epa.gov">Bogdan.sylvia@epa.gov</a>	Other (Assoc.)		No
Steve Boggs	CA ELAP	<a href="mailto:steve.boggs@waterboards.ca.gov">steve.boggs@waterboards.ca.gov</a>	Other (Assoc.)		Yes

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.)		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
Chad Cooper	PDC Labs	<a href="mailto:ccooper@pdclab.com">ccooper@pdclab.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
Kate Hansler	Enviroscience	<a href="mailto:khansler@enviroscienceinc.com">khansler@enviroscienceinc.com</a>	Lab (Assoc.)		No
Christina Henderson	Bio-Aquatic Testing, Inc.	<a href="mailto:chenderson@bio-aquatic.com">chenderson@bio-aquatic.com</a>	Lab (Assoc.)		Yes
David Johnston	Valero Refining Co - Benecia	<a href="mailto:david.johnston@valero.com">david.johnston@valero.com</a>	Lab (Assoc.)		No
Paul Junio	Northern Lake Service, Inc.	<a href="mailto:paulj@nlslab.com">paulj@nlslab.com</a>	Lab (Assoc.)		No
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
Chris Pasch	Alan Plummer Associates, Inc.	<a href="mailto:cpasch@apaienv.com">cpasch@apaienv.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
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Greg Savitske	US EPA OECA	<a href="mailto:Savitske.gregory@epa.gov">Savitske.gregory@epa.gov</a>	Other (Assoc.)		No
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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.)		Yes
Elizabeth West	LA DEQ LELAP	<a href="mailto:elizabeth.west@la.gov">elizabeth.west@la.gov</a>	AB (assoc.)		No

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## Attachment 2 – Agenda

- Welcome and Roll Call
- Approval of Agenda
- Approval of Minutes (attached)
- Update on Conversation with PTPEC
  - Organizing the FoPT Subcommittee (Ginger, Pete, Tom, any others?)
  - Possible changes about new draft §1.8
- Election
  - Chair – Rami Naddy
  - Vice Chair – Stephen Clark
  - Affiliate Member – Teresa Norberg-King
- Resume Review of 1.7.1.5
  - Affirm d and f
  - Continue affirming prior changes to subsections g, h, and i
  - Review of new edits beginning with subsection k
  - Independent reviews of §1.5 and 1.6 revisions
- Scheduling for January
- New Business, if any
- Adjourn