

Whole Effluent Toxicity Testing Expert Committee Meeting Summary
April 15, 2020 1:00 pm Eastern

1. Welcome and Announcements

Rami welcomed everyone to the meeting. Attendance is recorded in Attachment 1, below. The minutes of March 18 were approved with Ginger abstaining.

2. Membership

Lynn noted that Beth resigned from the committee, and asked whether the sense of the committee was to bring in Mark O'Neil, or to hold another election for a nominee from among the associate members. Mark was previously elected to membership but due to her miscalculation about Affiliate memberships, he was denied appointment. The sense of the committee was to bring Mark in.

NOTE 1: the Chair of CSDEC, Paul Junio, approved moving Mark into full membership based on his election in 2019.

NOTE 2: Tom Widera has also suspended his associate committee membership as of April 22, but hopes to return in late summer.

3. General Discussion of Members' Operations and Status

Most participants indicated that their labs are "business as usual" since many states named labs as "essential". The DMR-QA 40 study is extended, but people see few delays. Sample holding times seem to be normal but Teresa advised that if a sample is delayed, the permitting authority should be contacted before running the sample so that the laboratory is not blamed for the delay, although actual permission to run the sample is not necessary, and also that the abnormal holding time should be noted in the chain-of-custody information.

Lynn noted that a decision is due next week about whether to hold the NEMC that is scheduled for August in Minneapolis. Several participants remarked that state and municipal labs are likely to be low on funds by summer, which would impact attendance. NOTE: NEMC will be held as a virtual meeting using TNI's Webex tools, and TNI committee meetings will simply continue with normal teleconferences. There will be no gathering in Minneapolis.

4. Status of Ongoing Tasks (pre-March 2020)

- Assessor Training Reviews (Stephen, Sarah, Elizabeth, Katie, John and Mike Chanov)
 - Five reviews were submitted as promised; the sixth volunteer was prohibited from signing the non-disclosure agreement by employer.
 - NOTE: since the teleconference, Rami, Pete and reviewers are negotiating with the trainer about next steps
- Draft Outline for Data Interpretation Training (Teresa and Natalie)
 - Teresa still intends to update this based on the WET workshop in Toronto, hopefully for the May teleconference
- PT Data Request (ARA re-send)
 - Rami to re-send this to new PTPEC Chair, Shawn Kassner
- Letter sent to TNI IT Administrator (Katie, Ginger and Lynn)
 - Letter sent; webmaster has it on his to-do list
- Method Codes for WET Analyses (Michele, Ginger and maybe Teresa)

- Postponed until May meeting
- LAMS Clean-up for WET Methods (Rami, Michele and Elizabeth)
 - This will impact Accreditation Bodies; cannot be done by WET alone
- PT Instructions for PT Providers (Ginger, Pete and Mark)
 - Ginger and Pete discussed this; the major item missing is that some PT providers are not specifying salinity for marine tests.
- QC for Support Measurements (Michele and John, Marlene interacting w/ EPA)
 - On hold for now, pending more definitive information from EPA
- Technical Director Requirements (Beth, Pete and Ginger)
 - Discussion of revised draft led to additional revisions about the maximum number of credit hours that may be replaced/substituted by credit hours. A revised draft will be distributed for comments before sending the new version to Quality Systems; acceptance by NELAP ABs will also be necessary, although the AB representatives present indicated that the revision will be acceptable to them
- Analyst IDOC Write-up (Rami)
 - Rami to complete this and distribute to NELAP AC for consideration

5. Status of Assignments for Review and Revision of the WET Module V1M7

- §1.1-1.3.2 – Beth Thompson has resigned – *new volunteer needed*
- §1.4-1.5 – Pete De Lisle
 - Will start soon
- §1.6 – Rami Naddy, Amy Hackman, Dwayne Burkholder & Michele Potter
 - This is on hold pending the IDOC write-up and feedback from NELAP AC
- §1.7, 1.7.1, 1.7.1.1, 1.7.1.2, 1.7.2.1, & 1.7.2.2 – Steve Rewa
 - Steve provided a draft prior to the meeting, and explained that he moved the text around to improve the organization, but that positive controls and SRTs do have (and need) some of the same information in both sections. He found no omissions, but asked for review and feedback, either before or during the next meeting, and identification of any omissions that he might have missed
- §1.7.1.3 – determined to be redundant
 - Steve did not include this section in his draft revision, but would prefer to retain the clause, as §1.7.1.a aligns with it. Keep as placeholder for now
- §1.7.1.4 – Chris Burbage
 - Chris will work with Teresa on additional language, and perhaps change the section title. It needs additional formulas and references to the EPA 2000 document about upper and lower boundary limits, and a new section about evaluating PMSD test acceptability criteria prior to performing final statistical analysis
- §1.7.1.5 – John Overbey
 - Relates to §1.7.1.6.e, below
- §1.7.1.6 except 1.7.1.6.e – T. K. Chandrasekhar
 - Chandra submitted a draft revision, clarifying the wording of “average daily temperature” by removing the word, “daily”, and adding “for the duration of the test”; clarifying that reagent water only needs to be tested when organisms are not healthy; and verifying the time against an international standard, but for an all day test, the number of significant digits need not be down to seconds. Chandra will edit per comments and submit a revised draft for further review
- §1.7.1.6.e – Michele Potter and John Overbey
 - This item is on hold pending definitive decision from EPA
- New §1.7.3 (formerly 1.7.3.2) – Kari Fleming
- New §1.7.4 (formerly 1.7.3) – Tom Widera unable to participate until at least August, *new volunteer needed*

6. New Business

Stephen Clark announced that a WET session will be held at the SETAC meeting in Ft. Worth this fall; abstracts are due by June 3. Also, an Aquatic Toxicology Testing Interest Group has been formed; a virtual conference call is being planned to develop priorities for the group. SETAC membership is NOT required to participate in this Interest Group; contact Stephen or Sarah for more information.

7. Next Meeting

The next teleconference meeting will be on Wednesday, May 20, 2020, at 1 pm Eastern. An agenda and any needed documents will be sent in advance.

Attachment 1

WET Expert Committee Membership

Member	Affiliation	Email	Category	Term Expiration	Present
Ginger Briggs	Bio-Analytical Laboratories	bal@bioanalyticallabs.com	Lab	Dec. 2020 (2)	Yes
Chris Burbage	Hampton Roads Sanitation District	cburbage@hrsdc.com	Lab	Dec. 2020 (2)	Yes
Kari Fleming	WI DNR	kari.fleming@wisconsin.gov	AB	Dec. 2020 (2)	Yes
Amy Hackman	Penn. Dept. Environ. Protection	ahackman@pa.gov	AB	Dec. 2020 (2)	Yes
Sarah Hughes	Shell Oil Co.	s.hughes@shell.com	Other	Dec. 2021 (1)	No
Pete De Lisle (Vice Chair)	Coastal Bioanalysts Inc.	pfd@coastalbio.com	Lab	Dec. 2020 (2)	Yes
Rami Naddy (Chair)	TRE Env. Strat. LLC	naddyrb.tre@gmail.com	Lab	Dec. 2020 (2)	Yes
Teresa Norberg-King	USEPA	norberg-king.teresa@epa.gov	Other (Affiliate)	Dec. 2020 (2)	Yes
John Overbey	American Interplex Corp.	joverbey@americaninterplex.com	Lab	Dec 2020 (1)	Yes
Chris Pasch	Alan Plummer Associates, Inc.	cpasch@apaienv.com	Other	Dec. 2020 (2)	Yes
Michael Pfeil	Texas Comm. Environ. Quality	Michael.pfeil@tceq.texas.gov	AB	Dec. 2020 (2)	Yes
Michele Potter	New Jersey Dept. of Environ Protect.	Michele.Potter@dep.nj.gov	AB	Dec. 2020 (2)	Yes
Steven Rewa	Environmental Resources Management	steven.rewa@erm.com	Lab	Dec. 2020 (2)	Yes
Beth Thompson	Shealy Consulting	bthompson@shealyconsulting.net	Lab	Dec 2020 (1)	Yes
Elizabeth West	LA DEQ LELAP	elizabeth.west@la.gov	AB	Dec. 2020 (2)	No
Associate Members					
Sylvia Bogdan	EPA R6	Bogdan.sylvia@epa.gov	Other (Assoc.)		No
Steve Boggs	CA ELAP	steve.boggs@waterboards.ca.gov	Other (Assoc.)		Yes
Dwayne Burkholder	PA DEP	dburkholde@pa.gov	AB (assoc.)		No
Thekkekalathil "Chandra" Chandrasekhar	FL DEP	Thekkekalathil.Chandrasekhar@dep.state.fl.us	Lab (Assoc.)		Yes

Michael Chanov	EA Eng., Sci. &Tech.	mchanov@eaest.com	Lab (Assoc.)		Yes
Stephen Clark	Pacific EcoRisk	slclark@pacificecorisk.com	Lab (Assoc.)		Yes
Erin Consuegra	ERA LAB	econsuegra@eralab.com	Lab (Assoc.)		No
Kevin Dischler	Element Materials Technology	Kevin.dischler@element.com	Lab (Assoc.)		No
Monica Eues	CK Associates	Monica.eues@c-ka.com	Lab (Assoc.)		No
Nicole Fortin	Honolulu City Lab	nfortin@honolulu.gov	Lab (Assoc.)		No
Christina Henderson	Bio-Aquatic Testing, Inc.	chenderson@bio-aquatic.com	Lab (Assoc.)		No
David Johnston	Valero Refining Co - Benecia	david.johnston@valero.com	Lab (Assoc.)		No
Natalie Love	GEI Consultants	nlove@geiconsultants.com	Lab (Assoc.)		Yes
VelRey Lozano	USEPA Region 8	Lozano.VelRey@epa.gov	Other (Assoc.)		Yes
Marlene Moore	Advanced Systems	mmoore@advancedsys.com	Other (assoc.)		No
Mark O'Neil	Environmental Enterprises USA, Inc.	moneil@eeusa.com	Lab (Assoc.)		Yes
Katie Payne	Enthalpy Analytical	katie.payne@enthalpy.com	Lab (Assoc.)		No
Christina Pottios	Los Angeles Cty Sanitation Districts	cpottios@lacsds.org	Lab (Assoc.)		No
Greg Savitske	US EPA OECA	Savitske.gregory@epa.gov	Other (Assoc.)		No
Justin Scott	Cove Sciences	justin@covesciences.com	Lab (Assoc.)		Yes
Lem Walker	USEPA OW/OST	Walker.lemuel@epa.gov	Other (Assoc.)		No
Craig Watts	Hydrosphere Research	cwatts@hydrosphere.net	Lab (Assoc.)		Yes
Bruce Weckworth	HRSD	Bruce.weckworth@hrsd.com	Lab (Assoc.)		Yes
Tom Widera	ERA	twidera@eraqc.com	Other (Assoc.)		Yes
Program Administrator					
Lynn Bradley		Lynn.Bradley@nelac-institute.org			Yes

