

Whole Effluent Toxicity Testing Expert Committee Meeting Summary

May 16, 2018 1 pm Eastern

1. Welcome and Announcements

Rami welcomed everyone to the meeting. Attendance is recorded in Attachment 1, below. The minutes from April 18, 2018, were approved by acclamation.

2. Status Updates on Follow-Up Items from Conference

NEFAP – no report.

WET Methods for the TNI Method Compendium in LAMS – Rami will review Elizabeth's suggestions.

FoPT Analyte Codes – Rami reported that few comments were received on the analyte codes tentatively assigned by Dan. Craig Huff's suggestion was essentially a new code for each test (and each temperature or water variation of said test) without regard to the endpoint reported. Review still needed.

PTPEC Request from December – no further activity has occurred.

ELAB Effort to Support WET White Paper – possibly another meeting during conference in New Orleans. (Ginger, Elizabeth, probably Michele, and possibly Mark are expected to be there. Chandra and Marshall are possibilities, TBD.) Lynn will continue bird-dogging this.

3. Revising the WET Module of the TNI Standard (V1M7)

Chemistry QA/QC – John and Michele provided another revised draft. At the close of discussion, consensus of participants was that this version is very close. The language of the 2009 Chemistry Module (§1.7.1.1.b) will be inserted directly, so that future revisions of other modules will not alter the chemistry requirements, to add “or verification” after calibration in the first sentence of the third paragraph, and to note that, where not otherwise specified, the lab shall include calibration acceptance criteria in its SOP(s). The final language, for publication in the required “outline” of proposed changes, will soon be available.

DOC/IDOC – Steve wisely submitted a revision to address this issue (and associated remaining pieces of the WET module), since the chemistry discussion (above) went relatively quickly.

The issue of how to describe the types of testing to which Module 7 applies remains a stumbling block, since expanding from aqueous toxicity to include semi-aqueous and non-aqueous matrices (sediments and soils) may require a major re-write. Participants decided to propose the expansion in the “outline” of proposed changes, and see what feedback arrives. This allowed the conversation to move to §1.6, addressing the actual DOC language.

This draft separates out the initial and on-going demonstrations of competency, and then the initial training and on-going training. The following discussion points were made on §1.6.

§1.6.3.1 – should refer to “initial laboratory DOC” rather than just initial DOC. The last sentence of this section should include the amended phrase “may also include”

§1.6.3.1.c – PT is not part of DOC. The PT/DMRQA belongs in both the lab and the analyst DOCs. After discussion of whether a successful PT is adequate for DOC (as is considered for chemistry), participants agreed to leave c) in place, as is, for now. SRTs must be performed for all, so even if PT is being performed (when available, per V1M2,) an SRT would be done anyway.

This concept should be revisited at the next discussion, with perhaps removing PT from 1.6.3.1, or into the second sentence

§1.6.4.1.b – an extended discussion took place about necessary training and DOC for a weekend-only staff person, who (for instance) would never be doing set-up of an experiment, but just the daily maintenance chores. There should be other ways than SRT studies for training part-time staff. And also, SRTs for sediment tests do not actually use sediments, so the wording would need to be more flexible. One suggestion was to insert the word applicable into the last sentence of 1.6.4.1.b, “perform all applicable phases...”

§1.6.4.1.b.iii – rephrase to read “observations (biological, chemical and physical)”

At this point, we ran out of time. Rami asked that participants ponder the SRT issue (for DOC as well as the sediment testing), and promised to resume the discussion in June.

There was no new business. Committee members planning to attend conference in New Orleans in August, please notify Lynn when your plans are decided.

4. Next Meeting

The next teleconference will be Wednesday, June 20, 2018, at 1 pm Eastern. Teleconference information and an agenda will be provided in advance.

Attachment 1

Committee Membership

Member	Affiliation	Email	Category	Term Expiration	Present
Ginger Briggs	Bio-Analytical Laboratories	bioanalytical@wildblue.net	Lab	Dec. 2020 (2)	Yes
Chris Burbage	Hampton Roads Sanitation District	cburbage@hrsd.com	Lab	Dec. 2020 (2)	No
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)	No
Pete De Lisle (Vice Chair)	Coastal Bioanalysts Inc.	pfd@coastalbio.com	Lab	Dec. 2020 (2)	Yes
VelRey Lozano	USEPA Region 8	Lozano.VelRey@epa.gov	Other (EPA)	Dec 2020 (1)	No
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)	No
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)	No
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					
Debmalya Bhattacharyya	NE OH Regional Sewer District	bhattacharyad@neorsd.org	Lab (Assoc.)		No
Silvia Bogdan	EPA R6	Bogdan.silvia@epa.gov	Other (Assoc.)		No
Michael Chanov	EA Eng., Sci. &Tech.	mchanov@eaest.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
Marshall Faircloth	FL DEP	joseph.faircloth@dep.state.fl.us	Lab (Assoc.)		Yes
Katie Fox	ATC Group Services	Katie.Fox@atcgs.com	Lab (Assoc.)		Yes
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
Linda Nemeth	Northwestern Aquatic Sciences	lnemeth@tds.net	Lab (Assoc.)		No
Mark O'Neil	Environmental Enterprises USA, Inc.	moneil@eeusa.com	Lab (Assoc.)	---	Yes
Katie Payne	Nautilus Environmental	katie@nautilusenvironmental.com	Lab (Assoc.)		Yes
Christina Pottios	Los Angeles Cty Sanitation Districts	cpottios@lacsds.org	Lab (Assoc.)		No
Shain Schmitt	ESC Lab Sciences	sschmitt@esclabsciences.com	Lab (Assoc.)		No
Greg Savitske	US EPA OECA	Savitske.gregory@epa.gov	Other (Assoc.)		No
Thekkekalathil "Chandra" Chandrasekhar	FL DEP	Thekkekalathil.Chandrasekhar@dep.state.fl.us	Lab (Assoc.)		Yes
Jordan Thorngren	Eurofins (Horsham, PA)	jordanthorngren@eurofinsUS.com	Lab (Assoc.)		No

Tom Widera	ERA	twidera@eraqc.com	Other (Assoc.)		No
Lynn Bradley	TNI Program Administrator	Lynn.Bradley@nelac- institute.org			Yes

Attachment 2

Action Items

	Action/Activity	Responsible Person(s)	Anticipated Completion	Comments
15	Draft language about DOC requirements	Steve and Pete, with others	??	Revised draft expected for June 2018 meeting
17	Draft language about QC requirements for water chemistry measurements	Michele, John, others?	??	Revised near-final draft language expected for June 2018 meeting
20	Work with TNI Database Administrator about WET methods in the compendium	Rami, Elizabeth		Follow-up work underway
21	Review FoPT table with inserted analyte codes	Rami, Michele, Beth, Chandra		Review of Dan's suggested list still needed