

# WET Expert Committee Charter

April 21, 2021

## Mission

Update and maintain the whole effluent toxicity (WET) testing Standard (TNI Environmental Laboratory Standard, Volume 1, Module 7) based upon public comment, provide technical assistance on issues related to whole effluent toxicity, develop tools to aid implementation and facilitate the implementation of the Standard.

## Composition of the Committee

This is an Expert Committee with balanced membership representing TNI's three categories of stakeholders – laboratories, accreditation bodies and other. A number of associate members also participate.

## Objectives

1. Standardize Proficiency Testing conditions and endpoints

### Success Measures:

- Standardize test conditions required for PT/DMRQA WET studies, rather than the current practice of conducting multiple tests using different NPDES permit test conditions, so that a statistically significant number of comparable sample results are available.
- Improve the statistical power and evaluation of WET data sets and results in PT/DMRQA studies by selecting one statistical method to calculate the test endpoint and eliminating the use of hypothesis test endpoints.

2. Offer expert assistance to TNI on WET testing methods, quality control and data interpretation.

### Success Measures:

- Educate assessors on IC25 vs. NOEC for PT/DMRQA endpoints.
- Work with PT providers and assessors to consolidate, clarify, and improve the guidance on acceptable and unacceptable corrective actions for laboratories when a PT/DMRQA study result is outside of the acceptance limits.

3. Revise and maintain the WET module of the TNI standard.

### Success Measures:

- Improve the way initial demonstration of capability and continuing demonstration of capability are handled specifically for WET testing.
- Clarify the appropriate QC for WET supporting chemical analyses.
- Offer expert assistance to TNI, auditors and laboratories on interpretation of the Standard as it pertains to WET.

4. Prepare and deliver an Annual Report for the previous year and Work Plan for the coming year for the annual meeting or when requested by the Executive Director.

### Success Measure:

- Activities and progress provided within the Annual Report and Work Plan design and any subsequent revisions are approved by the TNI Board.

### **Available Resources**

- Volunteer committee members
- TNI Infrastructure
- Environmental technical community
- Teleconference and web-based services
- Administrative support
- Technical editor support

### **Anticipated Meeting Schedule**

- Monthly virtual meetings open to all Full and Associate Members (default time on TNI Website)
- Additional meetings as needed
- In-person meetings as needed during semiannual TNI Forums (Winter and Summer) open to all forum registrants

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Approved by the CSDP EC – May 13, 2021