PROPOSAL FOR ESTABLISHMENT OR MODIFICATION TO TNI STANDARD

Expert Committee or group requesting the establishment or change to the Standard	Whole Effluent Toxicity Expert Committee

Proposal Date	1/7/2017

CSDEC Approval	1/12/2017

TNI Volume	Module	Sections(s)
ELS Volume 1	7	All sections within the module

Nature of the standard to be established or the change to the existing standard proposed:

Pursuant to The NELAC Institute's SOP 2-100 on consensus standard development, notice is hereby given that the Whole Effluent Toxicity Expert Committee (hereinafter called WET Committee) seeks to review Module 7 of the Environmental Laboratory Sector (ELS) standard.

The WET Committee seeks input from stakeholders and stakeholder groups who may subsequently adopt this standard as accreditation bodies, be accredited to the standard, or use data from accredited entities. This committee also welcomes any interested TNI Members to participate in our meetings. Please see the TNI website for more information.

Justification or need for the standard or the change in the standard:

Formed in 2016, the WET Committee was not able to participate in the 2012 round of revisions to ELS standard modules. The committee recently asked the LASEC to postpone adoption of the 2012 revision of module 7 of the TNI standard, because the committee believes that the 2009 version of Module 7 better meets the criteria and requirements of WET testing.

How is the proposal an improvement over the existing standard:

The committee has two principal objections to the revision as it is currently written (the 2012 revision.) First, the initial demonstration of capability for each individual analyst, as required in §1.6.2 of the 2012 version, is not representative of the way toxicity labs operate and is therefore inappropriate. Secondly, requiring toxicity labs to comply with the more rigorous chemistry requirements when measuring analytical parameters during WET studies (e.g., pH, conductivity, dissolved oxygen, hardness, alkalinity, ammonia, etc.) is excessive and unnecessary. The analytical parameters measured during a WET test are used to evaluate how they could impact the living organisms rather than to report the measured water quality parameter for regulatory purposes.

Any potential conflicts developed upon development of the standard or the proposed change to the standard?	No

Any potential obstacles to implementation by ABs?	No

Rami B. Naddy, Ph.D., Chair	1/7/2017
Signature of proposal representative	Date