

Index of NPDES Whole Effluent Toxicity Online Course Resources

NPDES Training Website: <https://www.epa.gov/npdes/npdes-training>

NPDES Permitting Guidances:

USEPA. 2024. National Pollutant Discharge Elimination System Whole Effluent Toxicity Permit Writers' Manual. Office of Wastewater Management. Washington, D.C. EPA-833-B-24-001.

USEPA Toxicity Statistical Spreadsheet Tool (2024)

USEPA. 2010. National Pollutant Discharge Elimination System Test of Significant Toxicity Implementation Document. Office of Wastewater Management. Washington, D.C. EPA 833-R-10-003.

USEPA. 2010. National Pollutant Discharge Elimination System Test of Significant Toxicity Technical Document. Office of Wastewater Management. Washington, D.C. EPA 833-R-10-004.

USEPA. 2000. Understanding and Accounting for Method Variability in Whole Effluent Toxicity Applications Under the National Pollutant Discharge Elimination System. Office of Wastewater Management. Washington, D.C. EPA 833-R-00-003. June 2000.

USEPA. 1991. Technical Support Document for Water Quality-based Toxics Control. Office of Water. Washington, D.C. EPA/505/2-90-001.

EPA Toxicity Testing Methods:

USEPA. 2016. Whole Effluent Toxicity Methods Errata Sheet. Office of Water. Washington, D.C. EPA 821-R-02-012-ES

USEPA. 2002. Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, Fifth Edition. Office of Water. Washington, D.C. EPA-821-R-02-012.

USEPA. 2002. Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, Fourth Edition. Office of Water. Washington, D.C. EPA-821-R-02-013.

USEPA. 2002. Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, Third Edition. Office of Water. Washington, D.C. EPA-821-R-02-014.

USEPA. 2000. Method Guidance and Recommendations for Whole Effluent Toxicity (WET) Testing (40 CFR Part 136). Office of Water, Office of Science and Technology. Washington, D.C. EPA/821/B-00-004.

USEPA. 1995. Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms. Office of Research and Development. Cincinnati, OH. EPA/600/R-95-136

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EPA Toxicity Identification Evaluation (TIE) and Toxicity Reduction Evaluation (TRE) Guidances:

- USEPA. 1999. Toxicity Reduction Evaluation Guidance for Municipal Wastewater Treatment Plants. Office of Wastewater Management. Washington, DC. EPA/833B-99/002.
- USEPA. 1993. Methods for Aquatic Toxicity Identification Evaluations: Toxicity Identification Evaluations: Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity. Office of Research and Development. Washington, D.C. EPA/600/R-92/080.
- USEPA. 1993. Methods for Aquatic Toxicity Identification Evaluations: Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity. Office of Research and Development. Washington, D.C. EPA/600/R-92/081.
- USEPA. 1991. Methods for Aquatic Toxicity Identification Evaluations: Phase I Toxicity Characterization Procedures, Second Edition. Office of Research and Development. Washington, D.C. EPA/600/6-91/003.
- USEPA. 1989. Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations (TREs). Office of Research and Development. Washington, D.C. EPA/600/2-88/070.