

WATER TREATMENT CHEMICALS IN NY (WTC)

Hello. I'm Frank Doherty, Founder and President of Aquatox Research.

Assessing the toxicity of chemicals used in treatment of wastewaters discharged to surface water in New York is a requirement of the New York State Department of Environmental Conservation. Whenever a facility wants to institute a new chemical treatment program or alter an existing program, approval must be granted by the DEC. There are two primary methods in which approval may be granted. The first is to [submit toxicity info to the DEC](#) on fish and aquatic invertebrates. That data may be available from the chemical manufacturer and listed on their MSDS. If not, the toxicity data can be generated in lab tests for the products of interest. The DEC would then compare the toxicity level to the recommended application rate. If there is a sufficient safety factor between the two, approval is typically granted. The second approach is for the DEC to grant conditional approval for use of the chemical products of interest followed by WETT testing usually for three consecutive months to demonstrate that the chemical treatment program would not cause a facility to exceed its published toxicity limits. Aquatox can assist either in conducting tests with fathead minnows and Ceriodaphnia exposed to the chemical products of interest or in the conductance of WETT tests. We have posted a brief discussion relating to chemical testing on our newly designed website.

Thank you for visiting. Please feel free to contact us with any questions you may have.
