

Laboratory & Analysis

Whole Effluent Toxicity Testing (WET)

The Bioassay Laboratory at EnviroScience, Inc. provides comprehensive environmental testing, specializing in National Pollution Discharge Elimination System (NPDES) evaluations and compliance. Our experience in Biomonitoring extends from bioassay testing to full scale permit investigations including [Toxicity Identification Evaluations and Toxicity Reduction Evaluations \(TIE/TRE\)](#) and NPDES permit requirements. All methods used in performance of these services are in accordance with EPA methods.



EnviroScience provides high quality environmental services to hundreds of satisfied municipal, industrial, and private sector clients throughout the Midwest and Northeast. We have clients in Ohio, Pennsylvania, West Virginia, Illinois, New York, Michigan, Indiana, Tennessee, and many other states. Our company has an excellent reputation with regulatory agencies on both the state and federal level. Our confidence in our methodology and the professionalism of our experienced biologists allows us to guarantee that our procedures and reported data will meet all acceptance criteria.

Our Toxicity Testing Services include:

- [Common Toxicity Testing](#)
- [TIE/TRE Testing](#)
- [WER Testing](#)

- [Sediment Toxicity Testing](#)
- [Specialized Toxicity Testing](#)
- [Harmful Algal Bloom Testing](#)

Operational seven days a week, the EnviroScience Bioassay Laboratory provides flexible scheduling, comprehensive sampling, expert consultation, and timely reporting. Quality assurance within the laboratory is achieved through strict adherence to guidelines established by state and federal regulatory agencies, in-house culturing, and a dedicated staff.

Aquatic toxicity tests, also known as bioassays or Whole Effluent Toxicity (WET) Tests, are used to monitor the toxicity of discharge waters. Bioassays are a cost effective evaluation of potential environmental impacts and provide a measure of the interaction between constituents in a wastewater discharge and the body of water into which it discharges. Aquatic test organisms are subjected to varying concentrations of wastewater, under controlled laboratory conditions. Toxicity levels are determined by statistical analysis.

In Action





Need help with your project?

Our experts are here to discuss your needs and how we can help you move your project forward. Fill out the form below for more information on our services or to request a quote and we'll get back to you within 24 hours. If you need a response within an hour or less, please call us at 888-866-8540.

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