

WATER TESTING SERVICES

The Environmental Research and Innovation Center (ERIC) offers unique expertise in recreational and drinking water research with certified testing solutions.



Microbiology Testing

Rapid Molecular Testing (qPCR) for *E. coli*

Microbiological Testing

Cyanobacteria Testing & Algal Composition

Organic and Inorganic Testing

Nitrogen & Phosphorus Testing

Micronutrients

Heavy Metals

Aesthetic Testing



Specialized Research Equipment & Services

Field Sample Collection

Biotic Indexes

Lake Management Planning

Where excellence and opportunity meet. TM

WATER TESTING SERVICES

As a laboratory certified by the Wisconsin Department of Agriculture, Trade & Consumer Protection (DATCP) and the Wisconsin Department of Natural Resources (DNR), the ERIC has developed a collection of common services for surface water and drinking water testing needs (listed below).

Custom-built testing, research, consultations, and packages are available upon request.

Standard Analysis
pH
Nitrate
Total Kjeldahl Nitrate (TKN)
Total Phosphorus
ortho-Phosphorus (Reactive phosphorus)
Soluble Reactive Phosphorus
Ammonia
Nitrite
Total Suspended Solids, Total Dissolved Solids
Volatile Suspended Solids, Volatile Dissolved Solids
Chloride
Electrical Conductivity
Sodium
Potassium

Standard Analysis
Alkalinity
Hardness
Coliform/ <i>E. coli</i>
<i>Pseudomonas aeruginosa</i>
<i>Enterococcus faecalis</i>
<i>Legionella pneumophila</i>
Total Organic Carbon
Dissolved Organic Carbon
Microcystin (Cyanobacteria)
Biological Oxygen Demand
Chlorophyll a
Dissolved Oxygen
Metals analysis (Al, Ba, Be, Ca, Co, Cr, Cu, Fe, K, Mg, Mn, Ni, Pb, Sr, Ti, V, Zn)

LABORATORY CERTIFICATIONS



DATCP certified for bacteriological testing, including *E. coli* and total coliforms



WI DNR certified for testing drinking water, surface water, and solid samples



US Composting Council
Seal of Testing Assurance

USCC STA certified laboratory for compost samples



CDC certified laboratory for the ELITE Program