

State of Wisconsin
Department of Natural Resources



recognizes

Wisconsin Certification under NR 149
of
Trace Analytical Laboratory

Laboratory Id: **998044080**

as a laboratory licensed to perform environmental sample analysis in support of covered environmental programs (ch. NR149.02 Note) for the parameter(s) specified in the attached Scope of Accreditation.

August 31, 2007

Expiration Date

August 1, 2006

Issued on



David Webb

Chief, Environmental Science Services

P. Scott Hassett

Secretary

This certificate does not guarantee validity of data generated, but indicates the methodology, equipment, quality control practices, records, and proficiency of the laboratory have been reviewed and found to satisfy the requirements of ch. NR 149, Wis. Adm. Code.

Trace Analytical Laboratory
2241 Black Creek Road
Muskegon, MI 49444

Laboratory Id: 998044080
Expiration Date: 08/31/07
Issued Date: 08/01/06

Wisconsin Certification under NR 149

<p>Category 02 - Nitrogen Ammonia as N Nitrate as N Total Kjeldahl Nitrogen Nitrite as N</p>	<p>Category 08 - Metals I Silver Barium Calcium Cobalt Copper Nickel Sodium Molybdenum Manganese Magnesium Potassium Mercury Chromium (Hexavalent) Iron Zinc Vanadium Thallium Strontium Tin Selenium Antimony Lead Chromium (Total) Cadmium Beryllium Boron Aluminum Arsenic</p>
<p>Category 03 - Phosphorus Orthophosphate Total Phosphorus</p>	
<p>Category 05 - General I Alkalinity/Acidity Color Hardness Silica Surfactants Sulfite Bromide</p>	
<p>Category 06 - General II Chloride Chemical Oxygen Demand Sulfide Sulfate Total Phenolic Compounds</p>	
	<p>Category 10 - Organics; Purgeable Volatile Organics (VOCs)</p>
	<p>Category 12 - Semivolatiles by GC/MS Base/Neutral/Acid Extract</p>
	<p>Category 16 - Organics; Organochlorine PCBs Organochlorine Pesticides</p>

The laboratory named above, having duly met the requirements of ch. NR 149, Wis. Adm. Code, is hereby licensed for the measurement of parameters listed in this attachment.