

State of Wisconsin  
Department of Natural Resources



recognizes

**Wisconsin Certification under NR 149  
of  
Commercial Testing Laboratory Inc.**

Laboratory Id: **617013980**

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, 2009**

Expiration Date

**August 26, 2008**

Issued on



*David Webb*

David Webb, Chief  
Environmental Science Services

*Matthew J. Frank*

Matthew J. Frank, Secretary  
Department of Natural Resources

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.

# Scope of Accreditation

**Commercial Testing Laboratory Inc.**  
**514 Main Street**  
**Colfax, WI 54730**

Laboratory Id: **617013980**  
Expiration Date: **08/31/09**  
Issued Date: **08/26/08**

**Wisconsin Certification under NR 149**  
**Matrix: Potable Water (Drinking Water)**

**Class: SDWA - Primary Inorganics, Non-metals**  
Cyanide - Std Methods 4500-CN- C,E (18,19, or 20)  
Fluoride - Std Methods 4500F- C (18,19, or 20)  
Nitrate + Nitrite - EPA 353.2  
Nitrate - EPA 353.2  
Nitrite - EPA 353.2

**Class: SDWA - Primary Inorganics, Metals**  
Antimony - EPA 200.9  
Arsenic - EPA 200.9  
Barium - EPA 200.7  
Beryllium - EPA 200.7  
Cadmium - EPA 200.9  
Chromium - EPA 200.7  
Copper - EPA 200.7  
Lead - EPA 200.9  
Mercury - EPA 245.2  
Nickel - EPA 200.7  
Selenium - EPA 200.9  
Thallium - EPA 200.9

**Class: SDWA - Secondary contaminants, Metals**  
Sodium - EPA 200.7

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\* Analyte groups are defined and listed on the WI DNR Lab Certification website. See <http://dnr.wi.gov/org/es/science/lc/> for details.

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**Wisconsin Certification under NR 149**  
**Matrix: Aqueous (Non-potable Water)**

<p><b>Class: General Chemistry</b></p> <ul style="list-style-type: none"> <li>Ammonia as N <i>by Colorimetric</i></li> <li>Ammonia as N <i>by Titration</i></li> <li>Biochemical Oxygen Demand (BOD) <i>by BOD</i></li> <li>Carbonaceous Oxygen Demand (cBOD) <i>by BOD</i></li> <li>Chemical Oxygen Demand <i>by Colorimetric</i></li> <li>Chloride <i>by Colorimetric</i></li> <li>Cyanide, Amenable <i>by Colorimetric</i></li> <li>Cyanide, Total <i>by Colorimetric</i></li> <li>Fluoride <i>by ISE</i></li> <li>Hardness, Total as CaCO<sub>3</sub> <i>by ICP</i></li> <li>Kjeldahl Nitrogen, Total <i>by Colorimetric</i></li> <li>Kjeldahl Nitrogen, Total <i>by Titration</i></li> <li>Nitrate <i>by Colorimetric</i></li> <li>Nitrate + Nitrite <i>by Colorimetric</i></li> <li>Nitrite <i>by Colorimetric</i></li> <li>Oil and Grease, Hexane Extractable Materials <i>by HEM</i></li> <li>Orthophosphate <i>by Colorimetric</i></li> <li>Phosphorus, Total <i>by Colorimetric</i></li> <li>Residue, Filterable (TDS) <i>by Solids</i></li> <li>Residue, Nonfilterable (TSS) <i>by Solids</i></li> <li>Residue, Total <i>by Solids</i></li> <li>Residue, Volatile (TVS) <i>by Solids</i></li> <li>Residue, Volatile, Nonfilterable (TVSS) <i>by Solids</i></li> <li>Silica <i>by ICP</i></li> <li>Sulfate <i>by Colorimetric</i></li> </ul>	<p><b>Class: Metals</b></p> <ul style="list-style-type: none"> <li>Molybdenum <i>by ICP</i></li> <li>Nickel <i>by ICP</i></li> <li>Potassium <i>by ICP</i></li> <li>Selenium <i>by GFAA</i></li> <li>Silver <i>by GFAA</i></li> <li>Silver <i>by ICP</i></li> <li>Sodium <i>by ICP</i></li> <li>Thallium <i>by GFAA</i></li> <li>Vanadium <i>by ICP</i></li> <li>Zinc <i>by ICP</i></li> </ul>
<p><b>Class: Metals</b></p> <ul style="list-style-type: none"> <li>Aluminum <i>by ICP</i></li> <li>Antimony <i>by GFAA</i></li> <li>Arsenic <i>by GFAA</i></li> <li>Barium <i>by ICP</i></li> <li>Beryllium <i>by ICP</i></li> <li>Cadmium <i>by GFAA</i></li> <li>Cadmium <i>by ICP</i></li> <li>Calcium <i>by ICP</i></li> <li>Chromium (Total) <i>by GFAA</i></li> <li>Chromium (Total) <i>by ICP</i></li> <li>Cobalt <i>by ICP</i></li> <li>Copper <i>by GFAA</i></li> <li>Copper <i>by ICP</i></li> <li>Iron <i>by ICP</i></li> <li>Lead <i>by GFAA</i></li> <li>Lead <i>by ICP</i></li> <li>Magnesium <i>by ICP</i></li> <li>Manganese <i>by ICP</i></li> <li>Mercury <i>by Hyd-CVAA</i></li> </ul>	

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**Matrix: Solid (Waste, Soil & Tissue)**

**Class: General Chemistry**

*Ammonia as N by Titration*  
*Kjeldahl Nitrogen, Total by Titration*  
*Phosphorus, Total by ICP*  
*Residue, Total by Solids*

**Class: Metals**

*Arsenic by GFAA*  
*Cadmium by ICP*  
*Calcium by ICP*  
*Chromium (Total) by ICP*  
*Copper by ICP*  
*Lead by ICP*  
*Magnesium by ICP*  
*Mercury by Hyd-CVAA*  
*Molybdenum by ICP*  
*Nickel by ICP*  
*Potassium by ICP*  
*Selenium by GFAA*  
*Silver by ICP*  
*Sodium by ICP*  
*Zinc by ICP*

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