

# The State of Wisconsin Department of Natural Resources

has granted

**Accreditation under NR 149**

to

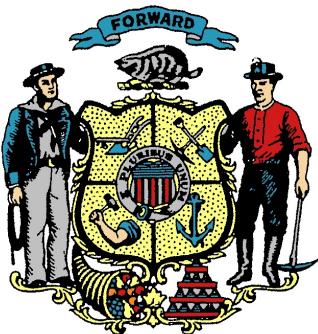
***Geochemical Testing***

***FID: 399167450***

The laboratory is accredited to perform environmental sample analysis in support of covered environmental programs per matrix for the combination of analyte and technology or analyte and method as specified in the attached Scopes of Accreditation.

**Printed on: December 30, 2024**

**Expires on: August 31, 2025**



*Zana Sijan*

Zana Sijan, Manager  
Certification Services



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 chapter NR 149, Wisconsin Administrative Code.



# Wisconsin Scope of Accreditation

Laboratory FID: 399167450  
 CERTIFICATION  
 Aqueous (Non-potable Water)

**Geochemical Testing**  
 2005 North Center Ave.  
 Somerset, PA 15501

**Printed on:** 12/30/2024  
**Expires on:** 8/31/2025

Oxygen Demand Assays (BOD or cBOD)	Biochemical Oxygen Demand (BOD)
	Carbonaceous Biochemical Oxygen Demand (cBOD)
Colorimetric or Turbidimetric	Ammonia as N
	Chemical Oxygen Demand (COD)
	Chloride
	Chromium, Hexavalent
	Cyanide, Total
	Kjeldahl Nitrogen, Total
	Nitrate
	Nitrate + Nitrite
	Phenolics, Total
	Phosphorus, Total
	Sulfide
Nondispersive Infrared (NDIR) or Microcoulometry	Organic Carbon, Total (TOC)
	Organic Halides, Total & Adsorbable (TOX & AOX)
Electrometric Assays (ISE)	pH
Gravimetric Assays - Residue (solids)	Residue, Filterable (TDS)
	Residue, Nonfilterable (TSS)
Extraction/Gravimetric Assays - Oil & Grease as HEM	Oil & Grease as HEM
	Oil & Grease as HEM, Silica Gel Treated (SGT)
Ion Chromatography (IC)	Chloride

This laboratory is accredited under NR 149 to perform environmental sample analysis in support of covered environmental programs for the combination of analyte or analyte group and technology in the aqueous and non-aqueous matrices and analyte or analyte group and method in the drinking water matrix as specified in this Scope of Accreditation.



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<b>Ion Chromatography (IC)</b>	<b>Fluoride</b>
	<b>Nitrite</b>
	<b>Sulfate</b>
<b>Titrimetric or Potentiometric Titration Assays</b>	<b>Alkalinity</b>
	<b>Sulfides, Acid-Soluble and Acid-Insoluble</b>
<b>Cold Vapor Atomic Absorption Spectrophotometry (CVAA)</b>	<b>Mercury</b>
<b>Inductively Coupled Plasma Emission Spectrophotometry (ICP)</b>	<b>Aluminum</b>
	<b>Antimony</b>
	<b>Arsenic</b>
	<b>Barium</b>
	<b>Beryllium</b>
	<b>Boron</b>
	<b>Cadmium</b>
	<b>Calcium</b>
	<b>Chromium, Total</b>
	<b>Cobalt</b>
	<b>Copper</b>
	<b>Hardness, Total as CaCO<sub>3</sub></b>
	<b>Iron</b>
	<b>Lead</b>
	<b>Magnesium</b>
	<b>Manganese</b>

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<b>Inductively Coupled Plasma Emission Spectrophotometry (ICP)</b>	<b>Molybdenum</b>
	<b>Nickel</b>
	<b>Potassium</b>
	<b>Selenium</b>
	<b>Silver</b>
	<b>Sodium</b>
	<b>Thallium</b>
	<b>Tin</b>
	<b>Vanadium</b>
	<b>Zinc</b>
<b>Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)</b>	<b>Antimony</b>
	<b>Arsenic</b>
	<b>Beryllium</b>
	<b>Cadmium</b>
	<b>Copper</b>
	<b>Lead</b>
	<b>Selenium</b>
	<b>Thallium</b>
	<b>Zinc</b>
<b>Gas Chromatography (GC)</b>	<b>## PCB as AROCLORS (group)</b>
	<b>## PESTICIDES, ORGANOCHLORINE (group)</b>
	<b>1,2-Dibromo-3-chloropropane (DBCP)</b>

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Gas Chromatography (GC)	1,2-Dibromoethane (EDB)
	2,4,5-T
	2,4-D
	Silvex (2,4,5-TP)
Gas Chromatography-Mass Spectrometry (GC/MS)	## BNA - SEMIVOLATILE ORGANICS (group)
	## VOC - VOLATILE ORGANICS (group)
	1,3,5-Trinitrobenzene
	1,3-Dinitrobenzene
	2-Methyl-5-nitroaniline
	Dimethoate
	Disulfoton
	Famphur
	Parathion (Parathion Ethyl)
	Parathion Methyl
	Phorate
	Pronamide
Flow Injection - Gas Diffusion - Amperometry	Cyanide, Total

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Non-Aqueous (Biosolids, Leachates, Soils, Tissues, & Wastes)

**Geochemical Testing**  
2005 North Center Ave.  
Somerset, PA 15501

**Printed on:** 12/30/2024  
**Expires on:** 8/31/2025

<b>Solid Waste Leaching Procedures</b>	<b>Reagent Water Shake Extraction (ASTM Leach)</b>
	<b>SPLP Extraction</b>
<b>Hazardous Waste Characteristics</b>	<b>Ignitability (Flashpoint), Setaflash Closed Cup</b>
	<b>TCLP Extraction</b>

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