



Wisconsin Scope of Accreditation

Laboratory FID: 721026460
CERTIFICATION
 Aqueous (Non-potable Water)

Northern Lake Service Inc. (Crandon)
400 North Lake Ave
Crandon, WI 54520-1286

Printed on: 6/15/2021
Expires on: 8/31/2021

Oxygen Demand Assays (BOD or cBOD)	Biochemical Oxygen Demand (BOD)
	Carbonaceous Oxygen Demand (cBOD)
Colorimetric or Turbidimetric	Ammonia as N
	Chlorophyll
	Cyanide, Available
	Cyanide, Total
	Kjeldahl Nitrogen, Total
	Nitrate
	Nitrate + Nitrite
	Nitrite
	Orthophosphate
	Phenolics, Total
	Phosphorus, Total
	Chromium, Hexavalent
Nondispersive Infrared (NDIR) or Microcoulometric	Organic Carbon, Total (TOC)
Electrometric Assays (ISE)	Ammonia as N
	Specific Conductance
	pH
Gravimetric Assays - Residue (solids)	Residue, Filterable (TDS)
	Residue, Nonfilterable (TSS)
	Residue, Total
	Residue, Volatile (TVS)
	Residue, Volatile, Nonfilterable (TVSS)
Extraction/Gravimetric Assays - Oil & Grease as HEM	Oil & Grease HEM
	Silica Gel Treated HEM
Ion Chromatography (IC)	Chloride
	Fluoride
	Nitrate
	Nitrate + Nitrite
	Nitrite
	Sulfate

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Titrimetric or Potentiometric Titration Assays	Alkalinity
	Chemical Oxygen Demand (COD)
	Sulfide
	Sulfite
Cold Vapor AA or Hydride AA	Mercury
Inductively Coupled Plasma Emission Spectrophotometry (ICP)	Hardness, Total as CaCO ₃
	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Boron
	Cadmium
	Calcium
	Chromium, Total
	Cobalt
	Copper
	Iron
	Lead
	Lithium
	Magnesium
	Manganese
	Molybdenum
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Strontium
	Thallium
	Tin
Titanium	
Vanadium	
Zinc	

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Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Cadmium
	Calcium
	Chromium, Total
	Cobalt
	Copper
	Iron
	Lead
	Lithium
	Magnesium
	Manganese
	Mercury
	Molybdenum
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Strontium
Thallium	
Tin	
Titanium	
Vanadium	
Zinc	
Ultra-Low Level Metals Assays	Mercury
Gas Chromatography (GC)	## PESTICIDES, ORGANOCHLORINE (group)
	## PCB as AROCLORS (group)

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Gas Chromatography-Mass Spectrometry (GC/MS)	## BNA - SEMIVOLATILE ORGANICS (group)
	## PAH (group)
	Alachlor
	Butylate
	Metolachlor
	Metribuzin
	Propachlor
	Trifluralin
	Chlorpyrifos
	Dimethoate
	Disulfoton
	Fonofos
	Parathion (Parathion Ethyl)
	Parathion Methyl
	Phorate
	Terbufos
	Atrazine
	Cyanazine
	Deethylatrazine
	Deisopropylatrazine
	Prometon
	Propazine
	Simazine
EPTC (Eptam)	
## VOC - VOLATILE ORGANICS (group)	
Liquid Chromatography-Mass Spectrometry (LC/MS)	## PFAS (group)

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Disinfection Byproducts	## HALOACETIC ACIDS (5) - EPA 552.3
Primary Inorganics (Non-Metals)	Cyanide - SM 4500-CN C, E
	Fluoride - EPA 300.0
	Nitrate + Nitrite - EPA 300.0
	Nitrate + Nitrite - SM 4500-NO3 F
	Nitrate - EPA 300.0
	Nitrate - SM 4500-NO3 F
	Nitrite - EPA 300.0
	Nitrite - SM 4500-NO2 B
Primary Inorganics (Metals)	Antimony - EPA 200.8
	Arsenic - EPA 200.8
	Barium - EPA 200.7
	Barium - EPA 200.8
	Beryllium - EPA 200.7
	Beryllium - EPA 200.8
	Cadmium - EPA 200.7
	Cadmium - EPA 200.8
	Chromium - EPA 200.7
	Chromium - EPA 200.8
	Copper - EPA 200.7
	Copper - EPA 200.8
	Lead - EPA 200.8
	Mercury - EPA 200.8
	Mercury - EPA 245.1
	Nickel - EPA 200.7
	Nickel - EPA 200.8
	Selenium - EPA 200.8
	Thallium - EPA 200.8
Secondary Contaminants (Non-Metals)	Alkalinity - SM 2320B
	Chloride - EPA 300.0
	Orthophosphate - SM 4500-P E
	Sulfate - EPA 300.0

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Secondary Contaminants (Metals)	Aluminum - EPA 200.7
	Aluminum - EPA 200.8
	Calcium - EPA 200.7
	Iron - EPA 200.7
	Magnesium - EPA 200.7
	Manganese - EPA 200.7
	Manganese - EPA 200.8
	Silver - EPA 200.7
	Silver - EPA 200.8
	Sodium - EPA 200.7
	Zinc - EPA 200.7
	Zinc - EPA 200.8
SOC - Organochlorine Pesticides	Aldrin - EPA 525.2
	Chlordane - EPA 505
	Dieldrin - EPA 525.2
	Endrin - EPA 525.2
	Heptachlor - EPA 525.2
	Heptachlor epoxide - EPA 525.2
	Lindane (gamma-BHC) - EPA 525.2
	Methoxychlor - EPA 525.2
	Toxaphene - EPA 505
SOC - N/P Pesticides	Alachlor - EPA 525.2
	Atrazine - EPA 525.2
	Butachlor - EPA 525.2
	Metolachlor - EPA 525.2
	Metribuzin - EPA 525.2
	Propachlor - EPA 525.2
	Simazine - EPA 525.2

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SOC - Miscellaneous	## PFAS (group) – EPA 537.1 (18)
	3-Hydroxycarbofuran - EPA 531.1
	Aldicarb - EPA 531.1
	Aldicarb Sulfone - EPA 531.1
	Aldicarb Sulfoxide - EPA 531.1
	Benzo[a]pyrene - EPA 525.2
	Carbaryl - EPA 531.1
	Carbofuran - EPA 531.1
	Di(2-ethylhexyl)adipate - EPA 525.2
	Di(2-ethylhexyl)phthalate - EPA 525.2
	Dibromochloropropane (DBCP) - EPA 504.1
	Diquat - EPA 549.2
	Endothall - EPA 548.1
	Ethylene Dibromide (EDB) - EPA 504.1
	Glyphosate - EPA 547
	Hexachlorobenzene - EPA 525.2
	Hexachlorocyclopentadiene - EPA 525.2
	Methomyl - EPA 531.1
	Oxamyl (Vydate) - EPA 531.1
	PCBs (as Aroclors) Screening - EPA 505
Trihalomethanes (THM)	## THM (group) - EPA 524.2
Volatile Organic Compounds (VOC)	## VOCS, REGULATED (group) - EPA 524.2
	## VOCS, UNREGULATED (group) - EPA 524.2

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CERTIFICATION

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

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Colorimetric or Turbidimetric	Ammonia as N
	Cyanide, Total
	Kjeldahl Nitrogen, Total
	Nitrate
	Nitrate + Nitrite
	Nitrite
	Orthophosphate
	Phenolics, Total
	Phosphorus, Total
Gravimetric Assays - Residue (solids)	Residue, Total
Ion Chromatography (IC)	Chloride
	Sulfate
Titrimetric or Potentiometric Titration Assays	Chemical Oxygen Demand (COD)
	Sulfide
Cold Vapor AA or Hydride AA	Mercury

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

Inductively Coupled Plasma Emission Spectrophotometry (ICP)	
	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Boron
	Cadmium
	Calcium
	Chromium, Total
	Cobalt
	Copper
	Iron
	Lead
	Lithium
	Magnesium
	Manganese
	Molybdenum
	Nickel
	Potassium
	Selenium
	Silver
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	Cadmium
	Calcium
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	Copper
	Iron
	Lead
	Magnesium
	Manganese
	Mercury
	Molybdenum
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Strontium
	Thallium
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Zinc	
Gas Chromatography (GC)	## PESTICIDES, ORGANOCHLORINE (group)
	## PCB as AROCLORS (group)

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	## PAH (group)
	Alachlor
	Butylate
	Metolachlor
	Metribuzin
	Propachlor
	Trifluralin
	Chlorpyrifos
	Dimethoate
	Disulfoton
	Fonofos
	Parathion (Parathion Ethyl)
	Parathion Methyl
	Phorate
	Terbufos
	Atrazine
	Cyanazine
	Deethylatrazine
	Deisopropylatrazine
	Prometon
	Propazine
	Simazine
	EPTC (Eptam)
## VOC - VOLATILE ORGANICS (group)	
Waste Characterization Extractions	EPTOX Extraction
	Reagent Water Shake Extraction (ASTM Leach Test)
	SPLP Extraction
	TCLP Extraction
Waste Characterization Assays	Corrosivity, Liquids

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