



Wisconsin Scope of Accreditation

Laboratory FID: 113133790
CERTIFICATION
Aqueous (Non-potable Water)

Page 1 of 4

Wisconsin State Laboratory of Hygiene
2601 Agriculture Dr
Madison, WI 53718

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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
	Cyanide, Available
	Cyanide, Total
	Kjeldahl Nitrogen, Total
	Nitrate
	Nitrate + Nitrite
	Nitrite
	Orthophosphate
	Phosphorus, Total
	Silica
	Sulfate
Nondispersive Infrared (NDIR) or Microcoulometry	Organic Carbon, Total (TOC)
Electrometric Assays (ISE)	pH
Gravimetric Assays - Residue (solids)	Residue, Filterable (TDS)
	Residue, Nonfilterable (TSS)
	Residue, Total (Total Solids)
	Residue, Volatile (TVS)

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Laboratory FID: 113133790
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Page 2 of 4

Gravimetric Assays - Residue (solids)	Residue, Volatile, Nonfilterable (TVSS)
Extraction/Gravimetric Assays - Oil & Grease as HEM	Oil & Grease as HEM
Ion Chromatography (IC)	Chloride
	Nitrate
	Sulfate
Titrimetric or Potentiometric Titration Assays	Alkalinity
Cold Vapor Atomic Absorption Spectrophotometry (CVAA)	Mercury
Inductively Coupled Plasma Emission Spectrophotometry (ICP)	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Boron
	Cadmium
	Calcium
	Chromium, Total
	Cobalt
	Copper
	Hardness, Total as CaCO ₃
	Iron
	Lead
	Magnesium

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Laboratory FID: 113133790
CERTIFICATION
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Page 3 of 4

Inductively Coupled Plasma Emission Spectrophotometry (ICP)	Manganese
	Molybdenum
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Strontium
	Thallium
	Vanadium
	Zinc
Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)	Arsenic
	Beryllium
	Cadmium
	Chromium, Total
	Copper
	Lead
	Manganese
	Molybdenum
	Nickel
	Selenium
	Thallium

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Wisconsin Scope of Accreditation

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Page 4 of 4

Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)	Zinc
Gas Chromatography (GC)	Ethylene Glycol
	Propylene Glycol
Gas Chromatography-Mass Spectrometry (GC/MS)	## PAH (group)
	## VOC - VOLATILE ORGANICS (group)
Liquid Chromatography-Mass Spectrometry (LC/MS)	## PFAS (group)
Whole Effluent Toxicity Assays	Acute Toxicity - Ceriodaphnia dubia
	Acute Toxicity - Pimephales promelas
	Chronic Toxicity - Ceriodaphnia dubia
	Chronic Toxicity - Pimephales promelas
	Chronic Toxicity - Selenastrum capricornutum
Cold Vapor Atomic Fluorescence Spectrophotometry (CVAFS)	Mercury, Low Level

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Wisconsin Scope of Accreditation

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RECIPROCITY
Drinking Water (Potable Water)

Page 1 of 2

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Disinfection By-products	## HALOACETIC ACIDS (5) - EPA 552.3
	## THM (group) - EPA 524.3
Primary Inorganics Contaminants (Non-Metals)	Cyanide - SM 4500-CN C, E
	Fluoride - Lachat 10-109-12-2-A (2009)
	Nitrate - EPA 353.2
	Nitrate + Nitrite - EPA 353.2
	Nitrite - EPA 353.2
Primary Inorganics Contaminants (Metals)	Antimony - SM 3113B
	Arsenic - SM 3113B
	Barium - EPA 200.7
	Beryllium - EPA 200.7
	Cadmium - SM 3113B
	Chromium - SM 3113B
	Copper - EPA 200.7
	Lead - SM 3113B
	Mercury - EPA 245.1
	Nickel - EPA 200.7
	Selenium - SM 3113B
	Thallium - EPA 200.9
Secondary Inorganic Contaminants (Non-Metals)	Alkalinity - SM 2320B
	Orthophosphate - EPA 365.1

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Page 2 of 2

Secondary Inorganic Contaminants (Non-Metals)	Sulfate - EPA 375.2
	TDS (Total Dissolved Solids) - SM 2540C
Secondary Inorganic Contaminants (Metals)	Aluminum - EPA 200.7
	Calcium - EPA 200.7
	Iron - EPA 200.7
	Magnesium - EPA 200.7
	Manganese - EPA 200.7
	Silver - SM 3113B
	Sodium - EPA 200.7
	Zinc - EPA 200.7

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Wisconsin Scope of Accreditation

Laboratory FID: 113133790
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Page 1 of 1

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SOC - Miscellaneous	## PFAS (group) – EPA 537.1 (18)
Volatile Organic Compounds (VOC)	## VOCS, REGULATED (group) - EPA 524.3
	## VOCS, UNREGULATED (group) - EPA 524.3

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Wisconsin Scope of Accreditation

Laboratory FID: 113133790

CERTIFICATION

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

Page 1 of 3

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Colorimetric or Turbidimetric	Ammonia as N
	Chloride
	Cyanide, Total
	Kjeldahl Nitrogen, Total
	Nitrate + Nitrite
	Phosphorus, Total
Nondispersive Infrared (NDIR) or Microcoulometry	Organic Carbon, Total (TOC)
Electrometric Assays (ISE)	pH
Gravimetric Assays - Residue (solids)	Residue, Total
Cold Vapor Atomic Absorption Spectrophotometry (CVAA)	Mercury
Inductively Coupled Plasma Emission Spectrophotometry (ICP)	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Boron
	Cadmium
	Calcium
	Chromium, Total
	Cobalt
	Copper

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Wisconsin Scope of Accreditation

Laboratory FID: 113133790
CERTIFICATION

Page 2 of 3

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

Inductively Coupled Plasma Emission Spectrophotometry (ICP)	Iron
	Lead
	Magnesium
	Manganese
	Molybdenum
	Nickel
	Phosphorus, Total
	Potassium
	Selenium
	Silver
	Sodium
	Thallium
	Vanadium
Gas Chromatography (GC)	Zinc
	## PCB as AROCLORS (group)
	Ethylene Glycol
Gas Chromatography-Mass Spectrometry (GC/MS)	Propylene Glycol
	## PAH (group)
Liquid Chromatography-Mass Spectrometry (LC/MS)	## VOC - VOLATILE ORGANICS (group)
	## PFAS (group)
Hazardous Waste Characteristics	Corrosivity, Liquids
	Ignitability (Flashpoint), Pensky-Martens Closed Cup

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Page 3 of 3

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Hazardous Waste Characteristics	Ignitability (Flashpoint), Setaflash Closed Cup
	Paint Filter Liquids Test
	TCLP Extraction
Cold Vapor Atomic Fluorescence Spectrophotometry (CVAFS)	Mercury

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