

The State of Wisconsin Department of Natural Resources

has granted

Accreditation under NR 149

to

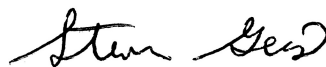
ALS Environmental - Holland

FID: 399084510

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: August 17, 2021

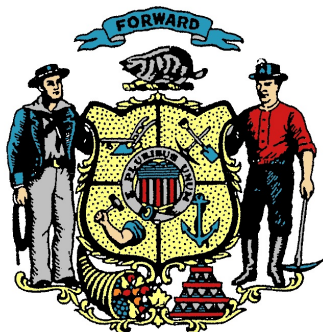
Expires on: August 31, 2022



Steven Geis, Chief
Certification Services



Preston D. Cole 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 chapter NR 149, Wisconsin Administrative Code.



Wisconsin Scope of Accreditation

Laboratory FID: 399084510
CERTIFICATION
 Aqueous (Non-potable Water)

ALS Environmental - Holland
3352 128th Avenue
Holland, MI 49424

Printed on: 8/17/2021
Expires on: 8/31/2022

Colorimetric or Turbidimetric	Cyanide, Available
	Cyanide, Total
Cold Vapor Atomic Absorption Spectrophotometry (CVAA)	Mercury
Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Boron
	Cadmium
	Calcium
	Chromium, Total
	Cobalt
	Copper
	Iron
	Lead
	Magnesium
	Manganese
	Molybdenum
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Strontium
	Thallium
	Tin
	Titanium
	Vanadium
Zinc	

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.



Wisconsin Scope of Accreditation

Laboratory FID: 399084510
 CERTIFICATION
 Aqueous (Non-potable Water)

Gas Chromatography (GC)	## PESTICIDES, ORGANOCHLORINE (group)
	## PVOC - Petroleum VOCs (group)
	Diesel Range Organics (DRO)
	Gasoline Range Organics (GRO)
	1,2-Dibromo-3-chloropropane (DBCP)
	1,2-Dibromoethane (EDB)
	## PCB as AROCLORS (group)
Gas Chromatography-Mass Spectrometry (GC/MS)	## BNA - SEMIVOLATILE ORGANICS (group)
	## VOC - VOLATILE ORGANICS (group)
Liquid Chromatography (LC)	Formaldehyde
Liquid Chromatography-Mass Spectrometry (LC/MS)	## PFAS (group)
Cold Vapor Atomic Fluorescence Spectrophotometry (CVAFS)	Mercury, Low Level

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Wisconsin Scope of Accreditation

Laboratory FID: 399084510
CERTIFICATION
Drinking Water (Potable Water)

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ALS Environmental - Holland
3352 128th Avenue
Holland, MI 49424

Printed on: 8/17/2021
Expires on: 8/31/2022

SOC - Miscellaneous	## PFAS (group) – EPA 537.1 (18)
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Wisconsin Scope of Accreditation

Laboratory FID: 399084510

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CERTIFICATION

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

ALS Environmental - Holland
3352 128th Avenue
Holland, MI 49424

Printed on: 8/17/2021
Expires on: 8/31/2022

Colorimetric or Turbidimetric	Cyanide, Available
	Cyanide, Total
Cold Vapor Atomic Absorption Spectrophotometry (CVAA)	Mercury
Inductively Coupled Plasma-Mass Spectrometry (ICP/MS)	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Boron
	Cadmium
	Calcium
	Chromium, Total
	Cobalt
	Copper
	Iron
	Lead
	Magnesium
	Manganese
	Molybdenum
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Strontium
	Thallium
Tin	
Titanium	
Vanadium	
Zinc	

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Wisconsin Scope of Accreditation

Laboratory FID: 399084510

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CERTIFICATION

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

Gas Chromatography (GC)	## PESTICIDES, ORGANOCHLORINE (group)
	## PVOC - Petroleum VOCs (group)
	Diesel Range Organics (DRO)
	Gasoline Range Organics (GRO)
	## PCB as AROCLORS (group)
Gas Chromatography-Mass Spectrometry (GC/MS)	## BNA - SEMIVOLATILE ORGANICS (group)
	## VOC - VOLATILE ORGANICS (group)
Liquid Chromatography (LC)	Formaldehyde
Liquid Chromatography-Mass Spectrometry (LC/MS)	## PFAS (group)
Solid Waste Leaching Procedures	Reagent Water Shake Extraction (ASTM Leach)
	SPLP Extraction
Hazardous Waste Characteristics	Corrosivity, Liquids
	Ignitability (Flashpoint), Pensky-Martens Closed Cup
	Paint Filter Liquids Test
	TCLP Extraction

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