

**State of Illinois
Environmental Protection Agency**

Certificate No.: 002007

Awards the Certificate of Approval

Fibertec, Incorporated
1914 Holloway Drive
Holt, MI 48842

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Hazardous and Solid Waste, Inorganic

1010

Ignitability

1030

Ignitability of Solids

1311

TCLP (Organic and Inorganic)

1312

Synthetic Precipitation Leaching Procedure

6010B

Calcium

Iron

Magnesium

Potassium

Sodium

6020

Aluminum

Antimony

Arsenic

Barium

Beryllium

Cadmium

Chromium

Cobalt

Copper

Lead

Manganese

Molybdenum

Nickel

Selenium

Silver

Thallium

Vanadium

Zinc

6020A

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

Cadmium

Chromium

Cobalt

Copper

Lead

Manganese

Molybdenum

Nickel

Selenium

Silver

Thallium

Vanadium

Zinc

7196A

Chromium VI

7470A

Mercury

7471A

Mercury

9013

Cyanide

9014

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Hazardous and Solid Waste, Inorganic

9014

Cyanide

9030B

Sulfides

9034

Sulfides

9038

Sulfate

9040B

Hydrogen Ion (pH)

9041A

Hydrogen Ion (pH)

9045C

Hydrogen Ion (pH)

9050A

Specific Conductance

9056

Bromide

Nitrate

Sulfate

Chloride

Nitrite

Fluoride

Phosphate

9060

Total Organic Carbon (TOC)

9065

Phenolics

9095A

Paint Filter

Chapter 7/9014

Reactive Cyanide

Chapter 7/9034

Reactive Sulfide

Hazardous and Solid Waste, Organic

8015B

1-Butanol (n-Butyl alcohol)

2-Propanol (Isopropyl alcohol)

Ethyl acetate

Methanol

1-Propanol

Diesel range organics (DRO)

Ethylene glycol

t-Butyl alcohol

2-Methyl-1-propanol (Isobutyl alcohol)

Ethanol

Gasoline range organics (GRO)

8081A

4,4'-DDD

Alachlor

alpha-Chlordane

delta-BHC

Endosulfan II

Endrin aldehyde

Heptachlor

4,4'-DDE

Aldrin

beta-BHC

Dieldrin

Endosulfan sulfate

Endrin ketone

Heptachlor epoxide

4,4'-DDT

alpha-BHC

Chlordane - not otherwise specified

Endosulfan I

Endrin

gamma-BHC (Lindane)

Methoxychlor

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<i>Hazardous and Solid Waste, Organic</i>	<i>8081A</i>	Toxaphene
<i>8082</i>		
PCB-1016	PCB-1221	PCB-1232
PCB-1242	PCB-1248	PCB-1254
PCB-1260		
<i>8151A</i>		
2,4,5-T	2,4,5-TP (Silvex)	2,4-D
2,4-DB	Dalapon	Dicamba
Dichloroprop	Dinoseb	
<i>8260B</i>		
1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene
1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane
1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene
1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Difluorobenzene
2,2-Dichloropropane	2-Butanone (Methyl ethyl ketone, MEK)	2-Chloroethyl vinyl ether
2-Chlorotoluene	2-Hexanone	2-Methylnaphthalene
4-Bromofluorobenzene	4-Chlorotoluene	4-Methyl-2-pentanone (Methyl isobutyl ketone)
Acetone	Acetonitrile	Acrolein (Propenal)
Acrylonitrile	Benzene	Bromobenzene
Bromochloromethane	Bromodichloromethane	Bromoform
Bromomethane	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chlorodibromomethane (Dibromochloromethane)	Chloroethane
Chloroform	Chloromethane	cis-1,2-Dichloroethene
cis-1,3-Dichloropropene	Dibromofluoromethane	Dibromomethane
Dichlorodifluoromethane	Dichloromethane (Methylene chloride)	Diethyl ether
Ethyl ether	Ethylbenzene	Hexachlorobutadiene
Hexachloroethane	Isopropylbenzene	Methyl ethyl ketone
Methyl iodide (Iodmethane)	Methyl isobutyl ketone	Methyl-t-butyl ether
m-Xylene	Naphthalene	n-Butylbenzene
n-Propylbenzene	o-Xylene	p-Isopropyltoluene
p-Xylene	sec-Butylbenzene	Styrene
t-Butyl alcohol	tert-Butylbenzene	Tetrachloroethene
Tetrahydrofuran	Toluene	trans-1,2-Dichloroethene
trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethene
Trichlorofluoromethane	Vinyl acetate	Vinyl chloride
Vinylidene chloride	Xylenes (Total)	
<i>8270C</i>		
1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,2-Diphenylhydrazine
1,3-Dichlorobenzene	1,3-Dinitrobenzene (1,3-DNB)	1,4-Dichlorobenzene
2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene (2,4-DNT)
2,6-Dichlorophenol	2,6-Dinitrotoluene (2,6-DNT)	2-Chloronaphthalene
2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)

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Hazardous and Solid Waste, Organic

2-Nitrophenol
 4,6-Dinitro-2-methylphenol
 4-Chloroaniline
 4-Nitroaniline
 Acenaphthylene
 Benzidine
 Benzo(b)fluoranthene
 Benzyl alcohol
 Bis(2-chloroisopropyl) ether
 Captan
 Dibenz(a,h)anthracene
 Dimethyl phthalate
 Fluoranthene
 Hexachlorobutadiene
 Indeno(1,2,3-cd) pyrene
 m-Dinitrobenzene
 N-Nitrosodimethylamine
 o-Cresol (2-Methylphenol)
 Phenanthrene
 Pyridine

8270C

3,3'-Dichlorobenzidine
 4-Bromophenyl phenyl ether
 4-Chlorophenyl phenyl ether
 4-Nitrophenol
 Aniline
 Benzo(a)anthracene
 Benzo(g,h,i)perylene
 Bis(2-chloroethoxy) methane
 Bis(2-ethylhexyl) phthalate
 Carbazole
 Dibenzofuran
 Di-n-butyl phthalate
 Fluorene
 Hexachlorocyclopentadiene
 Isophorone
 Naphthalene
 N-Nitrosodi-n-propylamine
 p-Cresol (4-Methylphenol)
 Phenol

2-Nitroaniline
 3-Nitroaniline
 4-Chloro-3-methylphenol
 4-Methylphenol (p-Cresol)
 Acenaphthene
 Anthracene
 Benzo(a)pyrene
 Benzo(k)fluoranthene
 Bis(2-chloroethyl) ether
 Butyl benzyl phthalate
 Chrysene
 Diethyl phthalate
 Di-n-octyl phthalate
 Hexachlorobenzene
 Hexachloroethane
 m-Cresol (3-Methylphenol)
 Nitrobenzene
 N-Nitrosodiphenylamine
 Pentachlorophenol
 Pyrene

Wastewater, Inorganic

HACH8000

Chemical Oxygen Demand (COD)

SM2320B,20Ed

Alkalinity

SM2510B,20Ed

Specific Conductance

SM4500O-G,20Ed

Oxygen - Dissolved

SM5210B,20Ed

Biochemical Oxygen Demand (BOD)

Carbonaceous Biochemical Oxygen Demand (C

USEPA120.1

Specific Conductance

USEPA160.1

Residue (TDS)

USEPA160.2

Residue (TSS)

USEPA160.3

Residue (Total)

USEPA160.5

Residue (Settable solids)

USEPA1664R4_95

Oil and Grease

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Wastewater, Inorganic

USEPA1664RA

Oil and Grease

USEPA170.1

Temperature

USEPA200.7

Calcium

Hardness (calc.)

Iron

Magnesium

Potassium

Sodium

USEPA200.7R4.4

Calcium

Hardness (calc.)

Iron

Magnesium

Potassium

Sodium

USEPA200.8R5.4

Aluminum

Antimony

Arsenic

Barium

Beryllium

Cadmium

Chromium

Cobalt

Copper

Lead

Manganese

Molybdenum

Nickel

Selenium

Silver

Thallium

Tin

Vanadium

Zinc

USEPA245.1R3.0

Mercury

USEPA300.0R2.1

Bromide

Chloride

Fluoride

Nitrate

Orthophosphate (as P)

Sulfate

USEPA330.5

Chlorine

USEPA335.1

Cyanide, Amenable

USEPA335.2

Cyanide

USEPA350.3

Ammonia

USEPA360.1

Oxygen

USEPA405.1

Biochemical Oxygen Demand (BOD)

USEPA410.4R2.0

Chemical Oxygen Demand (COD)

USEPA415.1

Total Organic Carbon (TOC)

USEPA420.1

Phenolics

Wastewater, Organic

USEPA608

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Wastewater, Organic	USEPA608	4,4'-DDD
4,4'-DDE	4,4'-DDT	Aldrin
alpha-BHC	beta-BHC	Chlordane
delta-BHC	Dieldrin	Endosulfan I
Endosulfan II	Endosulfan sulfate	Endrin
Endrin aldehyde	gamma-BHC (Lindane)	Heptachlor
Heptachlor epoxide	Methoxychlor	PCB-1016
PCB-1221	PCB-1232	PCB-1242
PCB-1248	PCB-1254	PCB-1260
Toxaphene		
USEPA624		
1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene
1,4-Dichlorobenzene	2-Chloroethylvinyl ether	Acetonitrile
Acrolein (Propenal)	Acrylonitrile	Benzene
Bromodichloromethane	Bromoform	Bromomethane
Carbon tetrachloride	Chlorobenzene	Chloroethane
Chloroform	Chloromethane	cis-1,3-Dichloropropene
Dibromochloromethane	Dichloromethane (Methylene chloride)	Ethylbenzene
Methyl tert-butyl ether (MTBE)	Tetrachloroethene	Toluene
trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene
Trichlorofluoromethane	Vinyl chloride	Xylenes (total)
USEPA625		
1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene
1,4-Dichlorobenzene	2,3-Dinitrophenol	2,4,5-Trichlorophenol
2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
2,4-Dinitrophenol	2,4-Dinitrotoluene (2,4-DNT)	2,6-Dinitrotoluene (2,6-DNT)
2-Chloronaphthalene	2-Chlorophenol	2-Methyl-4,6-dinitrophenol
2-Nitrophenol	3,3'-Dichlorobenzidine	4-Bromophenyl phenyl ether
4-Chloro-3-methylphenol	4-Chlorophenyl phenyl ether	4-Nitrophenol
Acenaphthene	Acenaphthylene	Anthracene
Benzidine	Benzo(a)anthracene	Benzo(a)pyrene
Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene
Benzyl butyl phthalate	Bis(2-chloroethoxy) methane	Bis(2-chloroethyl) ether
Bis(2-ethylhexyl) phthalate	Chrysene	Dibenz(a,h)anthracene
Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate
Di-n-octyl phthalate	Fluoranthene	Fluorene
Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene
Hexachloroethane	Indeno(1,2,3-cd) pyrene	Isophorone
Naphthalene	Nitrobenzene	N-Nitrosodimethylamine
N-Nitrosodi-n-propylamine	N-Nitrosodiphenylamine	Pentachlorophenol
Phenanthrene	Phenol	Pyrene