



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED
ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

STAT ANALYSIS CORPORATION
2242 WEST HARRISON STREET
CHICAGO, IL 60612

NELAP ACCREDITED
ACCREDITATION NUMBER #100445



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.

Gary Germann
Manager
Environmental Laboratory Accreditation Program

Janet Cruse
Accreditation Officer
Environmental Laboratory Accreditation Program

Certificate No.: 002794
Expiration Date: 09/30/2012
Issued On: 09/26/2011

State of Illinois
Environmental Protection Agency

Certificate No.:

002794

Awards the Certificate of Approval

STAT Analysis Corporation
2242 West Harrison Street
Chicago, IL 60612

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Hazardous and Solid Waste, Inorganic

- 1010
Ignitability
- 1311
TCLP (Organic and Inorganic)
- 1312
Synthetic Precipitation Leaching Procedure
- 6020
Aluminum
Barium
Cadmium
Cobalt
Lead
Molybdenum
Selenium
Thallium
Antimony
Beryllium
Calcium
Copper
Magnesium
Nickel
Silver
Vanadium
Arsenic
Boron
Chromium
Iron
Manganese
Potassium
Sodium
Zinc
- 7000B
Lead
- 7196A
Chromium VI
- 7420
Lead
- 7470A
Mercury
- 7471A
Mercury
- 9012A
Cyanide
- 9020B
TOX (Total Organic Halides)
- 9023
EOX-Extractable Organic Halides
- 9040C
Hydrogen Ion (pH)
- 9045C
Hydrogen Ion (pH)

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Hazardous and Solid Waste, Inorganic

9045D

Hydrogen Ion (pH)

9066

Phenolics

9071B

Oil and Grease Extractable

9095A

Paint Filter

9095B

Paint Filter

Chapter 7/9012A

Reactive Cyanide

Chapter 7/9034

Reactive Sulfide

Hazardous and Solid Waste, Organic

8015B

Diesel range organics (DRO)

Ethylene glycol

Gasoline range organics (GRO)

8015C

Diesel range organics (DRO)

Gasoline range organics (GRO)

8081A

4,4'-DDD

4,4'-DDE

4,4'-DDT

Aldrin

alpha-BHC

alpha-Chlordane

beta-BHC

Chlordane - not otherwise specified

delta-BHC

Dieldrin

Endosulfan I

Endosulfan II

Endosulfan sulfate

Endrin

Endrin aldehyde

Endrin ketone

gamma-BHC (Lindane)

gamma-Chlordane

Heptachlor

Heptachlor epoxide

Methoxychlor

Toxaphene

8081B

4,4'-DDD

4,4'-DDE

4,4'-DDT

Aldrin

alpha-BHC

alpha-Chlordane

beta-BHC

Chlordane - not otherwise specified

delta-BHC

Dieldrin

Endosulfan I

Endosulfan II

Endosulfan sulfate

Endrin

Endrin aldehyde

Endrin ketone

gamma-BHC (Lindane)

gamma-Chlordane

Heptachlor

Heptachlor epoxide

Methoxychlor

Toxaphene

8082

PCB-1016

PCB-1221

PCB-1232

PCB-1242

PCB-1248

PCB-1254

PCB-1260

8082A

PCB-1016

PCB-1221

PCB-1232

PCB-1242

PCB-1248

PCB-1254

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<i>Hazardous and Solid Waste, Organic</i>	8082A	PCB-1260
8260B		
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-Dioxane
2,2-Dichloropropane	2-Butanone (Methyl ethyl ketone, MEK)	2-Chloroethyl vinyl ether
2-Chlorotoluene	2-Hexanone	2-Methyl-1-propanol (Isobutyl alcohol)
2-Nitropropane	4-Chlorotoluene	4-Methyl-2-pentanone (Methyl isobutyl ketone)
Acetone	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
Dibromomethane	Dichlorodifluoromethane	Dichloromethane (Methylene chloride)
Diethyl ether	Ethyl acetate	Ethyl ether
Ethylbenzene	Isopropylbenzene	Methyl ethyl ketone
Methyl isobutyl ketone	Methyl-t-butyl ether	m-Xylene
Naphthalene	n-Butanol	n-Butylbenzene
o-Xylene	p-Isopropyltoluene	p-Xylene
sec-Butylbenzene	Styrene	tert-Butylbenzene
Tetrachloroethene	Toluene	trans-1,2-Dichloroethene
trans-1,3-Dichloropropene	Trichloroethene	Trichlorofluoromethane
Trichlorotrifluoroethane	Vinyl acetate	Vinyl chloride
Xylenes (Total)		
8270C		
1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,2-Diphenylhydrazine
1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dinitrobenzene
1-Methylnaphthalene	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-Methylnaphthalene	2-Methylphenol
2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine
3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether
4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether
4-Methylphenol	4-Nitroaniline	4-Nitrophenol
Acenaphthene	Acenaphthylene	Aniline
Anthracene	Benzidine	Benzo(a)anthracene
Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol
Bis(2-chloroethoxy) methane	Bis(2-chloroethyl) ether	Bis(2-chloroisopropyl) ether
Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
Chrysene	Dibenz(a,h)anthracene	Dibenzofuran

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Hazardous and Solid Waste, Organic

Dimethyl phthalate
Diphenylamine
Hexachlorobenzene
Hexachloroethane
m-Cresol (3-Methylphenol)
N-Nitrosodimethylamine
o-Cresol (2-Methylphenol)
Phenanthrene
Pyridine

8270C

Di-n-butyl phthalate
Fluoranthene
Hexachlorobutadiene
Indeno(1,2,3-cd) pyrene
Naphthalene
N-Nitrosodi-n-propylamine
p-Cresol (4-Methylphenol)
Phenol

Diethyl phthalate
Di-n-octyl phthalate
Fluorene
Hexachlorocyclopentadiene
Isophorone
Nitrobenzene
N-Nitrosodiphenylamine
Pentachlorophenol
Pyrene

8270D

1,2,4-Trichlorobenzene
1,3-Dichlorobenzene
1-Methylnaphthalene
2,4-Dichlorophenol
2,4-Dinitrotoluene (2,4-DNT)
2-Chlorophenol
2-Nitroaniline
3-Nitroaniline
4-Chloro-3-methylphenol
4-Nitroaniline
Acenaphthylene
Benzidine
Benzo(b)fluoranthene
Benzoic acid
Bis(2-chloroethyl) ether
Butyl benzyl phthalate
Dibenz(a,h)anthracene
Dimethyl phthalate
Diphenylamine
Hexachlorobenzene
Hexachloroethane
m-Cresol (3-Methylphenol)
N-Nitrosodimethylamine
o-Cresol (2-Methylphenol)
Phenanthrene
Pyridine

1,2-Dichlorobenzene
1,4-Dichlorobenzene
2,4,5-Trichlorophenol
2,4-Dimethylphenol
2,6-Dinitrotoluene (2,6-DNT)
2-Methylnaphthalene
2-Nitrophenol
4,6-Dinitro-2-methylphenol
4-Chloroaniline
4-Nitrophenol
Aniline
Benzo(a)anthracene
Benzo(g,h,i)perylene
Benzyl alcohol
Bis(2-chloroisopropyl) ether
Carbazole
Dibenzofuran
Di-n-butyl phthalate
Fluoranthene
Hexachlorobutadiene
Indeno(1,2,3-cd) pyrene
Naphthalene
N-Nitrosodi-n-propylamine
p-Cresol (4-Methylphenol)
Phenol

1,2-Diphenylhydrazine
1,4-Dinitrobenzene
2,4,6-Trichlorophenol
2,4-Dinitrophenol
2-Chloronaphthalene
2-Methylphenol (o-Cresol)
3,3'-Dichlorobenzidine
4-Bromophenyl phenyl ether
4-Chlorophenyl phenyl ether
Acenaphthene
Anthracene
Benzo(a)pyrene
Benzo(k)fluoranthene
Bis(2-chloroethoxy) methane
Bis(2-ethylhexyl) phthalate
Chrysene
Diethyl phthalate
Di-n-octyl phthalate
Fluorene
Hexachlorocyclopentadiene
Isophorone
Nitrobenzene
N-Nitrosodiphenylamine
Pentachlorophenol
Pyrene

8321A

2,4,5-T
2,4-DB
Dichlorprop
MCP

2,4,5-TP (Silvex)
Dalapon
Dinoseb

2,4-D
Dicamba
MCPA

Wastewater, Inorganic

SM2310B4a,20Ed
Acidity
SM2320B,20Ed

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<i>Wastewater, Inorganic</i>	<i>SM2320B,20Ed</i>	Alkalinity
<i>SM2340B,20Ed</i> Hardness		
<i>SM2510B,20Ed</i> Specific Conductance		
<i>SM2540B,20Ed</i> Residue (Total)		
<i>SM2540C,20Ed</i> Residue (TDS)		
<i>SM2540D,20Ed</i> Residue (TSS)		
<i>SM2540F,20Ed</i> Residue (settleable)		
<i>SM2540G,18Ed</i> Residue (% solids)		
<i>SM4500Cl-G,20Ed</i> Chlorine		
<i>SM4500CN-CE,20Ed</i> Cyanide		
<i>SM4500H-B,20Ed</i> Hydrogen Ion (pH)		
<i>SM4500NH3-C,20Ed</i> Ammonia		
<i>SM4500NO3F,20Ed</i> Nitrate	Nitrate-Nitrite (sum)	Nitrite
<i>SM4500P-B5,20Ed</i> Phosphorus		
<i>SM4500P-E,20Ed</i> Orthophosphate (as P)	Phosphorus	
<i>SM5210B,20Ed</i> Biochemical Oxygen Demand (BOD)	Carbonaceous Biochemical Oxygen Demand (C	
<i>USEPA120.1</i> Specific Conductance		
<i>USEPA150.1</i> Hydrogen Ion (pH)		
<i>USEPA160.1</i> Residue (TDS)		
<i>USEPA160.2</i> Residue (TSS)		
<i>USEPA160.3</i> Residue (Total)		
<i>USEPA1664RA</i>		

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Wastewater, Inorganic

USEPA1664RA

Oil and Grease

USEPA200.8R5.4

Aluminum
Barium
Cadmium
Copper
Lead
Nickel
Thallium
Zinc

Antimony
Beryllium
Chromium
Hardness (calc.)
Manganese
Selenium
Tin

Arsenic
Boron
Cobalt
Iron
Molybdenum
Silver
Vanadium

USEPA245.1R3.0

Mercury

USEPA410.4R2.0

Chemical Oxygen Demand (COD)

USEPA415.1

Total Organic Carbon (TOC)

USEPA420.4R1.0

Phenolics

Wastewater, Organic

USEPA624

1,1,1-Trichloroethane
1,1-Dichloroethane
1,2-Dichloroethane
1,4-Dichlorobenzene
Acrylonitrile
Bromoform
Chlorobenzene
Chloromethane
Dichloromethane (Methylene chloride)
Tetrachloroethene
trans-1,3-Dichloropropene
Vinyl chloride

1,1,2,2-Tetrachloroethane
1,1-Dichloroethene
1,2-Dichloropropane
2-Chloroethylvinyl ether
Benzene
Bromomethane
Chloroethane
cis-1,3-Dichloropropene
Ethylbenzene
Toluene
Trichloroethene
Xylenes (total)

1,1,2-Trichloroethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
Acrolein (Propenal)
Bromodichloromethane
Carbon tetrachloride
Chloroform
Dibromochloromethane
Methyl tert-butyl ether (MTBE)
trans-1,2-Dichloroethene
Trichlorofluoromethane

USEPA625

1,2,4-Trichlorobenzene
1,4-Dichlorobenzene
2,4-Dichlorophenol
2,4-Dinitrotoluene (2,4-DNT)
2-Chlorophenol
3,3'-Dichlorobenzidine
4-Chlorophenyl phenyl ether
Acenaphthylene
Benzo(a)anthracene
Benzo(g,h,i)perylene
Bis(2-chloroethoxy) methane
Chrysene

1,2-Dichlorobenzene
2,4,5-Trichlorophenol
2,4-Dimethylphenol
2,6-Dinitrotoluene (2,6-DNT)
2-Methyl-4,6-dinitrophenol
4-Bromophenyl phenyl ether
4-Nitrophenol
Anthracene
Benzo(a)pyrene
Benzo(k)fluoranthene
Bis(2-chloroethyl) ether
Dibenz(a,h)anthracene

1,3-Dichlorobenzene
2,4,6-Trichlorophenol
2,4-Dinitrophenol
2-Chloronaphthalene
2-Nitrophenol
4-Chloro-3-methylphenol
Acenaphthene
Benzidine
Benzo(b)fluoranthene
Benzyl butyl phthalate
Bis(2-ethylhexyl) phthalate
Diethyl phthalate

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Wastewater, Organic

Di-n-butyl phthalate
Fluorene
Hexachlorocyclopentadiene
Isophorone
N-Nitrosodimethylamine
Pentachlorophenol
Pyrene

USEPA625

Di-n-octyl phthalate
Hexachlorobenzene
Hexachloroethane
Naphthalene
N-Nitrosodi-n-propylamine
Phenanthrene

Dimethyl phthalate
Fluoranthene
Hexachlorobutadiene
Indeno(1,2,3-cd) pyrene
Nitrobenzene
N-Nitrosodiphenylamine
Phenol