



**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.

Ron Turpin
Manager
Environmental Laboratory Accreditation Program

Janet Cruse
Accreditation Officer
Environmental Laboratory Accreditation Program

Certificate No.: 002501
Expiration Date: 09/30/2010
Issued On: 04/08/2010

State of Illinois
Environmental Protection Agency

Certificate No.:

002501

Awards the Certificate of Approval

STAT Analysis Corporation
2242 West Harrison Street
Chicago, IL 60612

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.

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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
- 7196A
Chromium VI
- 7420
Lead
- 7470A
Mercury
- 7471A
Mercury
- 9012A
Cyanide
- 9045C
Hydrogen Ion (pH)
- 9066
Phenolics
- 9095A
Paint Filter
- Chapter 7/9012A
Reactive Cyanide
- Chapter 7/9034
Reactive Sulfide

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Hazardous and Solid Waste, Organic

8015B

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

8082

PCB-1016

PCB-1221

PCB-1232

PCB-1242

PCB-1248

PCB-1254

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

2-Propanol (Isopropyl alcohol)

4-Chlorotoluene

4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBK)

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

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Hazardous and Solid Waste, Organic

8270C

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-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

1,4-Dinitrobenzene
2,4,6-Trichlorophenol
2,4-Dinitrophenol
2-Chloronaphthalene
2-Methylphenol
3,3'-Dichlorobenzidine
4-Bromophenyl phenyl ether
4-Chlorophenyl phenyl ether
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

1,3-Dichlorobenzene
1-Methylnaphthalene
2,4-Dichlorophenol
2,4-Dinitrotoluene (2,4-DNT)
2-Chlorophenol
2-Nitroaniline
3-Nitroaniline
4-Chloro-3-methylphenol
4-Methylphenol
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
MCPP

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

2,4-D
Dicamba
MCPA

Wastewater, Inorganic

SM2320B, 20Ed

Alkalinity

SM2340B, 20Ed

Hardness

USEPA120.1

Specific Conductance

USEPA160.1

Residue (TDS)

USEPA160.2

Residue (TSS)

USEPA200.8R5.4

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

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Wastewater, Inorganic

Chromium
Hardness (calc.)
Manganese
Selenium
Vanadium

USEPA200.8R5.4

Cobalt
Iron
Molybdenum
Silver
Zinc

Cadmium

Copper
Lead
Nickel
Thallium

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

1,2-Dichlorobenzene
2,4,5-Trichlorophenol
2,4-Dimethylphenol
2-Chloronaphthalene
2-Nitrophenol
4-Chloro-3-methylphenol
Acenaphthene
Benzidine
Benzo(b)fluoranthene
Benzyl butyl phthalate
Bis(2-ethylhexyl) phthalate
Diethyl phthalate
Di-n-octyl phthalate
Hexachlorobenzene
Hexachloroethane
Naphthalene
N-Nitrosodi-n-propylamine
Phenanthrene

1,3-Dichlorobenzene
2,4,6-Trichlorophenol
2,4-Dinitrophenol
2-Chlorophenol
3,3'-Dichlorobenzidine
4-Chlorophenyl phenyl ether
Acenaphthylene
Benzo(a)anthracene
Benzo(g,h,i)perylene
Bis(2-chloroethoxy) methane
Chrysene
Dimethyl phthalate
Fluoranthene
Hexachlorobutadiene
Indeno(1,2,3-cd) pyrene
Nitrobenzene
N-Nitrosodiphenylamine
Phenol