

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2023
Issued April 01, 2022

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. RACHEL R. BONCZYK
CERTIFIED ENVIRONMENTAL SERVICES INC
7280 CASWELL PLACE
NORTH SYRACUSE, NY 13212

NY Lab Id No: 11246

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Acrylates

Acrolein (Propenal)	EPA 8260C
	EPA 624.1
Acrylonitrile	EPA 8260C
	EPA 624.1

Benzidines

3,3'-Dichlorobenzidine	EPA 625.1
	EPA 8270D
Benzidine	EPA 625.1
	EPA 8270D

Amines

1,2-Diphenylhydrazine	EPA 625.1
	EPA 8270D
2-Nitroaniline	EPA 8270D
3-Nitroaniline	EPA 8270D
4-Chloroaniline	EPA 8270D
4-Nitroaniline	EPA 8270D
Aniline	EPA 8270D
Carbazole	EPA 8270D
Pyridine	EPA 8270D

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
1,2,4-Trichlorobenzene	EPA 625.1
	EPA 8270D
2-Chloronaphthalene	EPA 625.1
	EPA 8270D
Hexachlorobenzene	EPA 625.1
	EPA 8270D
Hexachlorobutadiene	EPA 625.1
	EPA 8270D
Hexachlorocyclopentadiene	EPA 625.1
	EPA 8270D
Hexachloroethane	EPA 625.1
	EPA 8270D

Bacteriology

Coliform, Fecal	SM 9221 E-2014
	SM 9222D-2015
	Colilert-18
Coliform, Total	SM 9221B-2014
	SM 9222B-2015
E. coli (Enumeration)	Colilert-24
	SM 9223B-2016
Heterotrophic Plate Count	SM 18-21 9215B

Demand

Biochemical Oxygen Demand	SM 5210B-2016
Carbonaceous BOD	SM 5210B-2016
Chemical Oxygen Demand	SM 5220D-2011
	SM 5220C-2011

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Fuel Oxygenates

tert-butyl alcohol EPA 8260C

Haloethers

2,2'-Oxybis(1-chloropropane) EPA 625.1

EPA 8270D

4-Bromophenylphenyl ether EPA 625.1

EPA 8270D

4-Chlorophenylphenyl ether EPA 625.1

EPA 8270D

Bis(2-chloroethoxy)methane EPA 625.1

EPA 8270D

Bis(2-chloroethyl)ether EPA 625.1

EPA 8270D

Metals I

Barium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Cadmium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Calcium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Chromium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Copper, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Iron, Total EPA 200.7, Rev. 4.4 (1994)

Metals I

Iron, Total EPA 6010C

Lead, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Magnesium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Manganese, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Nickel, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Potassium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Silver, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Sodium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Metals II

Aluminum, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Antimony, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Arsenic, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

Beryllium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

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Metals II		Mineral	
Chromium VI	EPA 7196A	Sulfate (as SO4)	SM 4500-SO4- E-2011
Mercury, Total	EPA 245.1, Rev. 3.0 (1994)	Miscellaneous	
Selenium, Total	EPA 200.7, Rev. 4.4 (1994)	Boron, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C	Color	SM 2120B-2011
Vanadium, Total	EPA 200.7, Rev. 4.4 (1994)	Corrosivity	SM 2330-2016
	EPA 6010C	Cyanide, Total	SM 4500-CN E-2016
Zinc, Total	EPA 200.7, Rev. 4.4 (1994)	non-Polar Extractable Material (TPH)	EPA 1664A
	EPA 6010C	Oil and Grease Total Recoverable	EPA 1664A
Metals III		Phenols	EPA 420.1 (Rev. 1978)
Cobalt, Total	EPA 200.7, Rev. 4.4 (1994)	Specific Conductance	SM 2510B-2011
	EPA 6010C	Sulfide (as S)	SM 4500-S2- F-2011
Molybdenum, Total	EPA 200.7, Rev. 4.4 (1994)	Surfactant (MBAS)	SM 5540C-2011
	EPA 6010C	Turbidity	SM 2130 B-2011
Thallium, Total	EPA 200.7, Rev. 4.4 (1994)	Nitroaromatics and Isophorone	
	EPA 6010C	2,4-Dinitrotoluene	EPA 625.1
Tin, Total	EPA 200.7, Rev. 4.4 (1994)		EPA 8270D
	EPA 6010C	2,6-Dinitrotoluene	EPA 625.1
Titanium, Total	EPA 200.7, Rev. 4.4 (1994)		EPA 8270D
	EPA 6010C	Isophorone	EPA 625.1
Mineral			EPA 8270D
Alkalinity	SM 2320B-2011	Nitrobenzene	EPA 625.1
Calcium Hardness	EPA 200.7, Rev. 4.4 (1994)		EPA 8270D
Chloride	SM 4500-Cl- B-2011		
Hardness, Total	SM 2340B-2011		

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Nitrosoamines

N-Nitrosodimethylamine	EPA 625.1 EPA 8270D
N-Nitrosodi-n-propylamine	EPA 625.1 EPA 8270D
N-Nitrosodiphenylamine	EPA 625.1 EPA 8270D

Phthalate Esters

Bis(2-ethylhexyl) phthalate	EPA 8270D
Diethyl phthalate	EPA 625.1
Dimethyl phthalate	EPA 8270D
Di-n-butyl phthalate	EPA 625.1
Di-n-octyl phthalate	EPA 8270D
	EPA 625.1

Nutrient

Ammonia (as N)	SM 4500-NH3 D-2011 or E-2011
Kjeldahl Nitrogen, Total	SM 4500-NH3 D-2011 or E-2011
Nitrate (as N)	Hach Method 10206 SM 4500-NO3 E-2016
Nitrate-Nitrite (as N)	Hach Method 10206 SM 4500-NO3 E-2016
Nitrite (as N)	SM 4500-NO3 E-2016 SM 4500-NO2 B-2011
Orthophosphate (as P)	EPA 365.3 (Issued 1978)
Phosphorus, Total	EPA 365.3 (Issued 1978)

Polychlorinated Biphenyls

Aroclor 1016 (PCB-1016)	EPA 8082A
Aroclor 1221 (PCB-1221)	EPA 608.3
Aroclor 1232 (PCB-1232)	EPA 8082A
Aroclor 1242 (PCB-1242)	EPA 608.3
Aroclor 1248 (PCB-1248)	EPA 8082A
Aroclor 1254 (PCB-1254)	EPA 608.3
Aroclor 1260 (PCB-1260)	EPA 8082A
	EPA 608.3

Organophosphate Pesticides

Atrazine	EPA 8270D
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Phthalate Esters

Benzyl butyl phthalate	EPA 625.1 EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 625.1

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Polychlorinated Biphenyls

Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A

Polynuclear Aromatics

Acenaphthene	EPA 625.1
	EPA 8270D
Acenaphthylene	EPA 625.1
	EPA 8270D
Anthracene	EPA 625.1
	EPA 8270D
Benzo(a)anthracene	EPA 625.1
	EPA 8270D
Benzo(a)pyrene	EPA 625.1
	EPA 8270D
Benzo(b)fluoranthene	EPA 625.1
	EPA 8270D
Benzo(g,h,i)perylene	EPA 625.1
	EPA 8270D
Benzo(k)fluoranthene	EPA 625.1
	EPA 8270D
Chrysene	EPA 625.1
	EPA 8270D
Dibenzo(a,h)anthracene	EPA 625.1
	EPA 8270D
Fluoranthene	EPA 625.1

Polynuclear Aromatics

Fluoranthene	EPA 8270D
Fluorene	EPA 625.1
	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 625.1
	EPA 8270D
Naphthalene	EPA 625.1
	EPA 8270D
Phenanthrene	EPA 625.1
	EPA 8270D
Pyrene	EPA 625.1
	EPA 8270D

Priority Pollutant Phenols

2,3,4,6 Tetrachlorophenol	EPA 8270D
2,4,5-Trichlorophenol	EPA 625.1
	EPA 8270D
2,4,6-Trichlorophenol	EPA 625.1
	EPA 8270D
2,4-Dichlorophenol	EPA 625.1
	EPA 8270D
2,4-Dimethylphenol	EPA 625.1
	EPA 8270D
2,4-Dinitrophenol	EPA 625.1
	EPA 8270D
2-Chlorophenol	EPA 625.1

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Priority Pollutant Phenols

2-Chlorophenol	EPA 8270D
2-Methyl-4,6-dinitrophenol	EPA 625.1
	EPA 8270D
2-Methylphenol	EPA 8270D
2-Nitrophenol	EPA 625.1
	EPA 8270D
3-Methylphenol	EPA 8270D
4-Chloro-3-methylphenol	EPA 625.1
	EPA 8270D
4-Methylphenol	EPA 8270D
4-Nitrophenol	EPA 625.1
	EPA 8270D
Cresols, Total	EPA 8270D
Pentachlorophenol	EPA 625.1
	EPA 8270D
Phenol	EPA 625.1
	EPA 8270D

Residue

Settleable Solids	SM 2540 F-2015
Solids, Total	SM 2540 B-2015
Solids, Total Dissolved	SM 2540 C-2015
Solids, Total Suspended	SM 2540 D-2015
Solids, Volatile	SM 2540 E-2015

Semi-Volatile Organics

1,1'-Biphenyl	EPA 8270D
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
2-Methylnaphthalene	EPA 8270D
Acetophenone	EPA 8270D
Benzaldehyde	EPA 8270D
Benzoic Acid	EPA 8270D
Benzyl alcohol	EPA 8270D
Caprolactam	EPA 8270D
Dibenzofuran	EPA 8270D

Volatile Aromatics

2-Chlorotoluene	EPA 8260C
4-Chlorotoluene	EPA 8260C
Isopropylbenzene	EPA 8260C
n-Butylbenzene	EPA 8260C
n-Propylbenzene	EPA 8260C
p-Isopropyltoluene (P-Cymene)	EPA 8260C
sec-Butylbenzene	EPA 8260C
tert-Butylbenzene	EPA 8260C

Volatile Halocarbons

1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260C
1,1-Dichloropropene	EPA 8260C
1,3-Dichloropropane	EPA 8260C

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Volatile Halocarbons

2,2-Dichloropropane	EPA 8260C
2-Chloro-1,3-butadiene (Chloroprene)	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260C
	EPA 624.1
Bromochloromethane	EPA 8260C
Dichlorodifluoromethane	EPA 8260C
	EPA 624.1
Hexachlorobutadiene, Volatile	EPA 8260C
Methyl iodide	EPA 8260C
trans-1,4-Dichloro-2-butene	EPA 8260C

Sample Preparation Methods

SM 4500-NH3 B-2011
SM 4500-N Org B-2011 or C-20
SM 4500-S2- B,C-2011

Volatiles Organics

1,4-Dioxane	EPA 8260C
2-Butanone (Methylethyl ketone)	EPA 8260C
4-Methyl-2-Pentanone	EPA 624.1
Carbon Disulfide	EPA 8260C
Cyclohexane	EPA 8260C
Methyl acetate	EPA 8260C
Methyl cyclohexane	EPA 8260C
Vinyl acetate	EPA 8260C

Sample Preparation Methods

EPA 5030C
SM 4500-CN B-2016 and C-2016
EPA 3005A
EPA 3510C

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