

Expires 12:01 AM April 01, 2025 Issued April 01, 2024 Revised August 07, 2024

NY Lab Id No: 11246

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

> 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:

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 Hach 8000 (1979)

SM 5220D-2011 SM 5220C-2011

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)

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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

Chromium VI EPA 7196A

Mercury, Total EPA 245.1, Rev. 3.0 (1994)
Selenium, Total EPA 200.7, Rev. 4.4 (1994)

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Metals II

Selenium, Total EPA 6010C

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

EPA 6010C

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

EPA 6010C

Metals III

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

EPA 6010C

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

EPA 6010C

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

EPA 6010C

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

EPA 6010C

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

EPA 6010C

Mineral

Alkalinity SM 2320B-2011

Calcium Hardness EPA 200.7, Rev. 4.4 (1994)

 Chloride
 SM 4500-Cl- B-2011

 Hardness, Total
 SM 2340B-2011

 Sulfate (as SO4)
 SM 4500-SO4- E-2011

Miscellaneous

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

 Color
 SM 2120B-2011

 Corrosivity
 SM 2330-2016

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Miscellaneous

Cyanide, Total SM 4500-CN E-2016

non-Polar Extractable Material (TPH) EPA 1664A
Oil and Grease Total Recoverable EPA 1664A

Phenols EPA 420.1 (Rev. 1978)

 Specific Conductance
 SM 2510B-2011

 Sulfide (as S)
 SM 4500-S2- F-2011

 Surfactant (MBAS)
 SM 5540C-2011

 Turbidity
 SM 2130 B-2011

Nutrient

Ammonia (as N) SM 4500-NH3 D-2011 or E-2011

Kjeldahl Nitrogen, Total Hach 10242

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
Orthophosphate (as P) EPA 365.3 (Issued 1978)
Phosphorus, Total EPA 365.3 (Issued 1978)

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

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Sample Preparation Methods

SM 4500-CN B-2016 and C-2016 EPA 3005A SM 4500-NH3 B-2011 SM 4500-N Org B-2011 or C-2011 SM 4500-S2- B,C-2011



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