

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2021
Issued April 01, 2020

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. DAPHNE B. WOODMAN
ELEMENT ONE INC
6319-D CAROLINA BEACH ROAD
WILMINGTON, NC 28412

NY Lab Id No: 11889

is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Demand

Chemical Oxygen Demand Hach 8000 (1979)

Metals I

Barium, Total EPA 6020B
EPA 200.8, Rev. 5.4 (1994)
Cadmium, Total EPA 6020B
Calcium, Total EPA 6020B
Chromium, Total EPA 6020B
Copper, Total EPA 6020B
Iron, Total EPA 6020B
Lead, Total EPA 6020B
Magnesium, Total EPA 6020B
Manganese, Total EPA 6020B
Nickel, Total EPA 6020B
Potassium, Total EPA 6020B
Silver, Total EPA 6020B
EPA 200.8, Rev. 5.4 (1994)
Sodium, Total EPA 6020B
Strontium, Total EPA 6020B

Metals II

Aluminum, Total EPA 6020B
EPA 200.8, Rev. 5.4 (1994)
Antimony, Total EPA 6020B
EPA 200.8, Rev. 5.4 (1994)
Arsenic, Total EPA 6020B
EPA 200.8, Rev. 5.4 (1994)

Metals II

Beryllium, Total EPA 6020B
EPA 200.8, Rev. 5.4 (1994)
Chromium VI EPA 7199
Mercury, Total EPA 7470A
Selenium, Total EPA 6020B
Vanadium, Total EPA 6020B
Zinc, Total EPA 6020B

Metals III

Cobalt, Total EPA 6020B
Molybdenum, Total EPA 6020B
Thallium, Total EPA 6020B
Tin, Total EPA 6020B
Titanium, Total EPA 6020B

Mineral

Chloride EPA 300.0, Rev. 2.1 (1993)
Sulfate (as SO₄) EPA 300.0, Rev. 2.1 (1993)

Miscellaneous

Bromide EPA 300.0, Rev. 2.1 (1993)
Organic Carbon, Total SM 5310B-2011

Nutrient

Nitrate (as N) EPA 300.0, Rev. 2.1 (1993)
Nitrite (as N) EPA 300.0, Rev. 2.1 (1993)
Orthophosphate (as P) EPA 300.0, Rev. 2.1 (1993)

Serial No.: 61596

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Residue

Solids, Total	SM 2540 B-2011
Solids, Total Dissolved	SM 2540 C-2011
Solids, Volatile	SM 2540 E-2011

Sample Preparation Methods

EPA 3010A

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Characteristic Testing

TCLP EPA 1311

Metals I

Barium, Total EPA 6020B
Cadmium, Total EPA 6020B
Calcium, Total EPA 6020B
Chromium, Total EPA 6020B
Copper, Total EPA 6020B
Iron, Total EPA 6020B
Lead, Total EPA 6020B
Magnesium, Total EPA 6020B
Manganese, Total EPA 6020B
Nickel, Total EPA 6020B
Potassium, Total EPA 6020B
Silver, Total EPA 6020B
Sodium, Total EPA 6020B
Strontium, Total EPA 6020B

Metals II

Aluminum, Total EPA 6020B
Antimony, Total EPA 6020B
Arsenic, Total EPA 6020B
Beryllium, Total EPA 6020B
Chromium VI EPA 7199
Mercury, Total EPA 7471B
Selenium, Total EPA 6020B
Vanadium, Total EPA 6020B

Metals II

Zinc, Total EPA 6020B

Metals III

Cobalt, Total EPA 6020B
Molybdenum, Total EPA 6020B
Silica, Dissolved EPA 6020B
Thallium, Total EPA 6020B
Tin, Total EPA 6020B
Titanium, Total EPA 6020B

Sample Preparation Methods

EPA 3010A
EPA 3050B
EPA 3051A
EPA 3052
EPA 3060A

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ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Metals II

Mercury, Total 40 CFR 61 Method 101A

Metals III

Chromium, Total 40 CFR PART 60 1984 APP. A METH 30
40 CFR PART 63 APP A 306

Mineral

Fluoride, Total EPA 13B

Miscellaneous

Particulate Matter 40 CFR 60 APP A Method 5

Sulfur Dioxide 40 CFR 60 Method 6

Sulfuric Acid 40 CFR 60 Method 8

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ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
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Metals I

Lead, Total

EPA 29 (6020)

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