

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



Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised January 16, 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		Metals II	
Chemical Oxygen Demand	Hach 8000 (1979)	Beryllium, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)
Metals I		Chromium VI	EPA 7199
Barium, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)	Mercury, Total	EPA 7470A
Cadmium, Total	EPA 6020B	Selenium, Total	EPA 6020B
Calcium, Total	EPA 6020B	Vanadium, Total	EPA 6020B
Chromium, Total	EPA 6020B	Zinc, Total	EPA 6020B
Copper, Total	EPA 6020B	Metals III	
Iron, Total	EPA 6020B	Cobalt, Total	EPA 6020B
Lead, Total	EPA 6020B	Molybdenum, Total	EPA 6020B
Magnesium, Total	EPA 6020B	Thallium, Total	EPA 6020B
Manganese, Total	EPA 6020B	Tin, Total	EPA 6020B
Nickel, Total	EPA 6020B	Titanium, Total	EPA 6020B
Potassium, Total	EPA 6020B	Mineral	
Silver, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)	Chloride	EPA 300.0, Rev. 2.1 (1993)
Sodium, Total	EPA 6020B	Sulfate (as SO4)	EPA 300.0, Rev. 2.1 (1993)
Strontium, Total	EPA 6020B	Miscellaneous	
Metals II		Bromide	EPA 300.0, Rev. 2.1 (1993)
Aluminum, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)	Organic Carbon, Total	SM 5310B-2011
Antimony, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)	Nutrient	
Arsenic, Total	EPA 6020B EPA 200.8, Rev. 5.4 (1994)	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.: 60842

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
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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

Serial No.: 60843

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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 3I
40 CFR PART 63 APP A 306,A,B

Mineral

Fluoride, Total EPA 13B

Miscellaneous

Particulates 40 CFR 60 APP A Method 5

Sulfur Dioxide 40 CFR 60 Method 6

Sulfuric Acid 40 CFR 60 Method 8

Serial No.: 59886

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ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
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Metals I

Lead, Total

EPA 29 (6020)

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