



SC DEPARTMENT of
**ENVIRONMENTAL
SERVICES**

Environmental Laboratory Certification Program

In accordance with the provisions of Regulation 61-81, entitled "State Environmental Laboratory Certification Regulations"

**ELEMENT ONE INC
6319-D CAROLINA BEACH RD
WILMINGTON, NORTH CAROLINA 28412**

is hereby certified to perform analyses as documented on the attached parameter list(s). This certification does not guarantee validity of the data generated, but indicates the laboratory's adherence to prescribed methodology, quality control, records keeping, and reporting procedures. This certificate is the property of S.C. DES and must be surrendered upon demand. This certificate is non-transferable and is valid only for the parameters and methodology listed on the attached parameter list(s).

Laboratory Director: KEN SMITH
Certifying Authority: NJ
Date of Issue: July 10, 2024
Date of Expiration: June 30, 2025
Certificate Number: 99068001



Program Manager
Office of Environmental Laboratory Certification

**SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL SERVICES
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM**

ELEMENT ONE INC (Laboratory ID 99068)

Laboratory Director: KEN SMITH

Certifying Authority: NJ

Certificate Number: 99068001

**Date of Issue: July 10, 2024
Expiration Date: June 30, 2025**

CLEAN WATER ACT

INORGANIC - TRACE METAL

ARSENIC
BARIUM
CADMIUM
CHROMIUM
CHROMIUM, HEXAVALENT
LEAD
MERCURY
SELENIUM
SILVER

EPA 200.8 (1994)
EPA 200.8 (1994)
EPA 200.8 (1994)
EPA 200.8 (1994)
EPA 218.6 (1994)
EPA 200.8 (1994)
EPA 245.1 (1994)
EPA 200.8 (1994)
EPA 200.8 (1994)

ICP/MS
ICP/MS
ICP/MS
ICP/MS
ION CHROMATOGRAPHY
ICP/MS
COLD VAPOR (MANUAL)
ICP/MS
ICP/MS

SOLID & HAZARDOUS WASTES

INORGANIC - HAZARDOUS WASTE CHARACTERISTICS

SPLP - BOTTLE EXTRACTION
TCLP - BOTTLE EXTRACTION

EPA 1312 (1994)
EPA 1311 (1992)

SYNTHETIC PRECIPITATION LEACHING PROCEDURE
TOXICITY CHARACTERISTIC LEACHING PROCEDURE

INORGANIC - TRACE METAL

ARSENIC
BARIUM
CADMIUM
CHROMIUM
CHROMIUM, HEXAVALENT
LEAD
MERCURY
MERCURY
METALS DIGESTION
METALS DIGESTION
METALS DIGESTION
METALS DIGESTION
SELENIUM
SILVER

EPA 6020B (2014)
EPA 6020B (2014)
EPA 6020B (2014)
EPA 6020B (2014)
EPA 7199 (1996)
EPA 6020B (2014)
EPA 7470A (1994)
EPA 7471B (2007)
EPA 3010A (1992)
EPA 3050B (1996)
EPA 3051A (2007)
EPA 3060A (1996)
EPA 6020B (2014)
EPA 6020B (2014)

ICP/MS
ICP/MS
ICP/MS
ICP/MS
ION CHROMATOGRAPHY
ICP/MS
COLD VAPOR TECHNIQUE LIQUID
COLD VAPOR TECHNIQUE SOLID
AQUEOUS ACID DIGESTION TOTAL METALS FLAA OR ICP
SOLID ACID DIGESTION
NON-AQUEOUS MICROWAVE ACID DIGESTION
ALKALINE DIGESTION HEX CHROM
ICP/MS
ICP/MS