



# 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. DHEC 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: NC  
Date of Issue: February 24, 2023  
Date of Expiration: June 30, 2023  
Certificate Number: 99068001

Program Manager  
Office of Environmental Laboratory Certification

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM**

**ELEMENT ONE INC (Laboratory ID 99068)**  
**Laboratory Director: KEN SMITH**  
**Certifying Authority: NC**  
**Certificate Number: 99068001**

**Date of Issue: February 24, 2023**  
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**CLEAN WATER ACT**

**INORGANIC - TRACE METAL**

ARSENIC	EPA 200.8 (1994)	ICP/MS
BARIUM	EPA 200.8 (1994)	ICP/MS
CADMIUM	EPA 200.8 (1994)	ICP/MS
CHROMIUM	EPA 200.8 (1994)	ICP/MS
CHROMIUM, HEXAVALENT	EPA 218.6 (1994)	ION CHROMATOGRAPHY
LEAD	EPA 200.8 (1994)	ICP/MS
MERCURY	EPA 245.1 (1994)	COLD VAPOR (MANUAL)
SELENIUM	EPA 200.8 (1994)	ICP/MS
SILVER	EPA 200.8 (1994)	ICP/MS

**SOLID & HAZARDOUS WASTES**

**INORGANIC - HAZARDOUS WASTE CHARACTERISTICS**

SPLP - BOTTLE EXTRACTION	EPA 1312 (1994)	SYNTHETIC PRECIPITATION LEACHING PROCEDURE
TCLP - BOTTLE EXTRACTION	EPA 1311 (1992)	TOXICITY CHARACTERISTIC LEACHING PROCEDURE

**INORGANIC - TRACE METAL**

ARSENIC	EPA 6020B (2014)	ICP/MS
BARIUM	EPA 6020B (2014)	ICP/MS
CADMIUM	EPA 6020B (2014)	ICP/MS
CHROMIUM	EPA 6020B (2014)	ICP/MS
CHROMIUM, HEXAVALENT	EPA 7199 (1996)	ION CHROMATOGRAPHY
LEAD	EPA 6020B (2014)	ICP/MS
MERCURY	EPA 7470A (1994)	COLD VAPOR TECHNIQUE LIQUID
MERCURY	EPA 7471B (2007)	COLD VAPOR TECHNIQUE SOLID
METALS DIGESTION	EPA 3010A (1992)	AQUEOUS ACID DIGESTION TOTAL METALS FLAA OR ICP
METALS DIGESTION	EPA 3050B (1996)	SOLID ACID DIGESTION
METALS DIGESTION	EPA 3051A (2007)	NON-AQUEOUS MICROWAVE ACID DIGESTION
METALS DIGESTION	EPA 3060A (1996)	ALKALINE DIGESTION HEX CHROM
SELENIUM	EPA 6020B (2014)	ICP/MS
SILVER	EPA 6020B (2014)	ICP/MS