



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF GENERAL SERVICES  
DIVISION OF CONSOLIDATED LABORATORY SERVICES**



**Certifies that**

**VA Laboratory ID#: 460207  
Element One, Inc  
6319-D Carolina Beach Rd.  
Wilmington, NC 28412**

Owner: KEN SMITH

Having met the requirements of 1 VAC 30-46 and  
having been found compliant with the 2016 TNI Standard approved by The NELAC Institute  
is hereby approved as an  
**Accredited Environmental Laboratory**

As more fully described in the attached Scope of Accreditation

Effective Date: **December 15, 2023**

Expiration Date: **December 14, 2024**

**Certificate # 12707**

A handwritten signature in black ink that reads "Denise M. Toney".

Denise M. Toney, Ph.D., HCLD  
DGS Deputy Director for Laboratories

Continued accreditation status depends on successful ongoing participation in the program.  
Certificate to be conspicuously displayed at the laboratory.  
Not valid unless accompanied by a valid Virginia Environmental Laboratory Accreditation Program (VELAP)  
Scope of Accreditation.  
Customers are urged to verify the laboratory's current accreditation status.



Scope of Accreditation

VELAP Certificate No.: 12707

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AIR

METHOD	ANALYTE	PRIMARY
EPA 0061	CHROMIUM VI	NJ
EPA 104	BERYLLIUM	NJ
EPA 108	ARSENIC	NJ
EPA 108 B	ARSENIC	NJ
EPA 13 B	FLUORIDE	NJ
EPA 201 A	PARTICULATE MATTER	NJ
EPA 26	BROMINE	NJ
EPA 26	HYDROGEN BROMIDE (HYDROBROMIC ACID)	NJ
EPA 26	HYDROGEN FLUORIDE (HYDROFLUORIC ACID)	NJ
EPA 26 A	CHLORINE	NJ
EPA 26 A	HYDROGEN CHLORIDE (HYDROCHLORIC ACID)	NJ
EPA 29 (CVAAS)	MERCURY	NJ
EPA 29 (ICP-MS)	ARSENIC	NJ
EPA 29 (ICP-MS)	BERYLLIUM	NJ
EPA 29 (ICP-MS)	CHROMIUM	NJ
EPA 29 (ICP-MS)	COPPER	NJ
EPA 29 (ICP-MS)	MANGANESE	NJ
EPA 29 (ICP-MS)	PHOSPHORUS	NJ
EPA 29 (ICP-MS)	SILVER	NJ
EPA 29 (ICP-MS)	ZINC	NJ
EPA 29 (ICP-MS) -EXTENDED	TIN	NJ
EPA 30 B	MERCURY	NJ
EPA 306 A (ICP)	CHROMIUM VI	NJ
EPA 5 B	PARTICULATE MATTER, NONSULFURIC ACID	NJ
EPA 6	SULFUR DIOXIDE	NJ
EPA 6B	SULFUR DIOXIDE	NJ
EPA 8	SULFUR TRIOXIDE	NJ
EPA CTM 027	AMMONIA AS N	NJ

METHOD	ANALYTE	PRIMARY
EPA 101 A	MERCURY	NJ
EPA 105	MERCURY	NJ
EPA 108 A	ARSENIC	NJ
EPA 12	LEAD	NJ
EPA 16 A	TOTAL REDUCED SULFUR	NJ
EPA 202	PARTICULATES	NJ
EPA 26	CHLORINE	NJ
EPA 26	HYDROGEN CHLORIDE (HYDROCHLORIC ACID)	NJ
EPA 26 A	BROMINE	NJ
EPA 26 A	HYDROGEN BROMIDE (HYDROBROMIC ACID)	NJ
EPA 26 A	HYDROGEN FLUORIDE (HYDROFLUORIC ACID)	NJ
EPA 29 (ICP-MS)	ANTIMONY	NJ
EPA 29 (ICP-MS)	BARIUM	NJ
EPA 29 (ICP-MS)	CADMIUM	NJ
EPA 29 (ICP-MS)	COBALT	NJ
EPA 29 (ICP-MS)	LEAD	NJ
EPA 29 (ICP-MS)	NICKEL	NJ
EPA 29 (ICP-MS)	SELENIUM	NJ
EPA 29 (ICP-MS)	THALLIUM	NJ
EPA 29 (ICP-MS) -EXTENDED	MOLYBDENUM	NJ
EPA 29 (ICP-MS) -EXTENDED	VANADIUM	NJ
EPA 306 (ICP)	CHROMIUM	NJ
EPA 5	PARTICULATE MATTER	NJ
EPA 5 D	PARTICULATE MATTER, BAGHOUSES	NJ
EPA 6A	SULFUR DIOXIDE	NJ
EPA 8	SULFUR DIOXIDE	NJ
EPA 8	SULFURIC ACID MIST	NJ

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY
EPA 1311	PREP. TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)	NJ
EPA 200.8 REV 5.4	ANTIMONY	NJ
EPA 200.8 REV 5.4	BARIUM	NJ

METHOD	ANALYTE	PRIMARY
EPA 200.8 REV 5.4	ALUMINUM	NJ
EPA 200.8 REV 5.4	ARSENIC	NJ
EPA 200.8 REV 5.4	BERYLLIUM	NJ



**Commonwealth of Virginia**  
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**NON-POTABLE WATER**

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 200.8 REV 5.4	CADMIUM	NJ
EPA 200.8 REV 5.4	COBALT	NJ
EPA 200.8 REV 5.4	LEAD	NJ
EPA 200.8 REV 5.4	MOLYBDENUM	NJ
EPA 200.8 REV 5.4	SELENIUM	NJ
EPA 200.8 REV 5.4	THALLIUM	NJ
EPA 200.8 REV 5.4	ZINC	NJ
EPA 200.8 REV 5.4 - EXTENDED	IRON	NJ
EPA 200.8 REV 5.4 - EXTENDED	POTASSIUM	NJ
EPA 200.8 REV 5.4 - EXTENDED	TIN	NJ
EPA 218.6 REV 3.3	CHROMIUM VI	NJ
EPA 300.0 REV 2.1	BROMIDE	NJ
EPA 300.0 REV 2.1	NITRATE AS N	NJ
EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P	NJ
EPA 3010 A	PREP. ACID DIGESTION OF AQUEOUS SAMPLES AND EXTRACTS FOR TOTAL METALS	NJ
EPA 6020 B	ANTIMONY	NJ
EPA 6020 B	BARIUM	NJ
EPA 6020 B	CADMIUM	NJ
EPA 6020 B	CHROMIUM	NJ
EPA 6020 B	COPPER	NJ
EPA 6020 B	LEAD	NJ
EPA 6020 B	MANGANESE	NJ
EPA 6020 B	NICKEL	NJ
EPA 6020 B	SELENIUM	NJ
EPA 6020 B	SODIUM	NJ
EPA 6020 B	TIN	NJ
EPA 6020 B	ZINC	NJ
EPA 6020 B - EXTENDED	SILICON	NJ
EPA 6020 B - EXTENDED	TITANIUM	NJ
EPA 9060 A	TOTAL ORGANIC CARBON (TOC)	NJ
SM 2540 C-2015	RESIDUE-FILTERABLE (TDS)	NJ

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 200.8 REV 5.4	CHROMIUM	NJ
EPA 200.8 REV 5.4	COPPER	NJ
EPA 200.8 REV 5.4	MANGANESE	NJ
EPA 200.8 REV 5.4	NICKEL	NJ
EPA 200.8 REV 5.4	SILVER	NJ
EPA 200.8 REV 5.4	VANADIUM	NJ
EPA 200.8 REV 5.4 - EXTENDED	CALCIUM	NJ
EPA 200.8 REV 5.4 - EXTENDED	MAGNESIUM	NJ
EPA 200.8 REV 5.4 - EXTENDED	SODIUM	NJ
EPA 200.8 REV 5.4 - EXTENDED	TITANIUM	NJ
EPA 245.1 REV 3	MERCURY	NJ
EPA 300.0 REV 2.1	CHLORIDE	NJ
EPA 300.0 REV 2.1	NITRITE AS N	NJ
EPA 300.0 REV 2.1	SULFATE	NJ
EPA 6020 B	ALUMINUM	NJ
EPA 6020 B	ARSENIC	NJ
EPA 6020 B	BERYLLIUM	NJ
EPA 6020 B	CALCIUM	NJ
EPA 6020 B	COBALT	NJ
EPA 6020 B	IRON	NJ
EPA 6020 B	MAGNESIUM	NJ
EPA 6020 B	MOLYBDENUM	NJ
EPA 6020 B	POTASSIUM	NJ
EPA 6020 B	SILVER	NJ
EPA 6020 B	THALLIUM	NJ
EPA 6020 B	VANADIUM	NJ
EPA 6020 B - EXTENDED	BORON	NJ
EPA 6020 B - EXTENDED	STRONTIUM	NJ
EPA 7470 A	MERCURY	NJ
SM 2540 B-2015	RESIDUE-TOTAL (TS)	NJ
SM 5310 B-2014	TOTAL ORGANIC CARBON (TOC)	NJ

**SOLID AND CHEMICAL MATERIALS**

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1311	PREP. TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)	NJ

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 3050 B	PREP. ACID DIGESTION OF SEDIMENTS, SLUDGES, AND SOILS	NJ



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**SOLID AND CHEMICAL MATERIALS**

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 3051 A	PREP: MICROWAVE ASSISTED ACID DIGESTION OF SEDIMENTS, SLUDGES, SOILS, AND OILS	NJ
EPA 6020 B	ALUMINUM	NJ
EPA 6020 B	ARSENIC	NJ
EPA 6020 B	BERYLLIUM	NJ
EPA 6020 B	CALCIUM	NJ
EPA 6020 B	COBALT	NJ
EPA 6020 B	IRON	NJ
EPA 6020 B	MAGNESIUM	NJ
EPA 6020 B	MOLYBDENUM	NJ
EPA 6020 B	POTASSIUM	NJ
EPA 6020 B	SILVER	NJ
EPA 6020 B	THALLIUM	NJ
EPA 6020 B	VANADIUM	NJ
EPA 6020 B - EXTENDED	BORON	NJ
EPA 6020 B - EXTENDED	STRONTIUM	NJ
EPA 7471 B	MERCURY	NJ

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 3052	PREP: MICROWAVE ACID DIGESTION-SILICEOUS & ORGANIC MATRIX	NJ
EPA 6020 B	ANTIMONY	NJ
EPA 6020 B	BARIUM	NJ
EPA 6020 B	CADMIUM	NJ
EPA 6020 B	CHROMIUM	NJ
EPA 6020 B	COPPER	NJ
EPA 6020 B	LEAD	NJ
EPA 6020 B	MANGANESE	NJ
EPA 6020 B	NICKEL	NJ
EPA 6020 B	SELENIUM	NJ
EPA 6020 B	SODIUM	NJ
EPA 6020 B	TIN	NJ
EPA 6020 B	ZINC	NJ
EPA 6020 B - EXTENDED	SILICON	NJ
EPA 6020 B - EXTENDED	TITANIUM	NJ
EPA 9045 D	PH	NJ