

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

*OFFICE OF FIELD OPERATIONS
BUREAU OF LABORATORIES*



Certifies that

68-03085

**ELEMENT ONE INC
5022 C WRIGHTSVILLE AVENUE
WILMINGTON, NC 28403**

Having duly met the requirement of
The Act of June 29, 2002 (P.L. 596, No. 90)
dealing with Environmental Laboratory Accreditation
(27 Pa. C.S. §§4101-4113) and the
National Environmental Laboratory Accreditation Conference Standard

is hereby approved as an

Accredited Laboratory

As more fully described in the attached Scope of Accreditation

Expiration Date: **2/29/2012**

Certificate Number: **005**

Continued accreditation status depends on successful ongoing participation in the Program
Certificate not transferable Surrender upon revocation
To be conspicuously displayed at the Laboratory
Not valid unless accompanied by a valid Scope of Accreditation
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania
Customers are urged to verify the laboratory's current accreditation status
PA DEP is a NELAP recognized accreditation body

A handwritten signature in black ink, appearing to read "Aaren Alger", written over a horizontal line.

Aaren S. Alger, Chief
Laboratory Accreditation Program
Bureau of Laboratories



Laboratory Scope of Accreditation

Attachment to Certificate of Accreditation 005, expiration date February 29, 2012. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

State Laboratory ID: 68-03085

EPA Lab Code: NC01242

(910) 793-0128

Element One Inc
5022 C Wrightsville Ave
Wilmington, NC 28403

Program Solid and Chemical Materials

Method	Analyte	Accreditation Type	Primary	Effective Date
ASTM D3987-85	Shake extraction of solid waste with water	NELAP	NJ	12/17/2008
EPA 1311	Toxicity characteristic leaching procedure (TCLP)	NELAP	NY	2/27/2007
EPA 3051	Microwave digestion of solids (HNO3 only)	NELAP	NJ	2/27/2007
EPA 3052	Microwave digestion of solids (HNO3 + HF)	NELAP	NJ	2/27/2007
EPA 3060A	Alkaline digestion of Cr(VI)	NELAP	NJ	2/27/2007
EPA 6020	Aluminum	NELAP	NJ	2/27/2007
EPA 6020	Antimony	NELAP	NJ	2/27/2007
EPA 6020	Arsenic	NELAP	NJ	2/27/2007
EPA 6020	Barium	NELAP	NJ	2/27/2007
EPA 6020	Beryllium	NELAP	NJ	2/27/2007
EPA 6020	Cadmium	NELAP	NJ	2/27/2007
EPA 6020	Chromium	NELAP	NJ	2/27/2007
EPA 6020	Cobalt	NELAP	NJ	2/27/2007
EPA 6020	Copper	NELAP	NJ	2/27/2007
EPA 6020	Lead	NELAP	NJ	2/27/2007
EPA 6020	Manganese	NELAP	NJ	2/27/2007
EPA 6020	Nickel	NELAP	NJ	2/27/2007
EPA 6020	Silver	NELAP	NJ	2/27/2007
EPA 6020	Thallium	NELAP	NJ	2/27/2007
EPA 6020	Zinc	NELAP	NJ	2/27/2007
EPA 6020-Extended	Molybdenum	NELAP	NJ	2/27/2007
EPA 6020-Extended	Selenium	NELAP	NJ	2/27/2007
EPA 6020-Extended	Strontium	NELAP	NJ	2/27/2007
EPA 6020-Extended	Tin	NELAP	NJ	2/27/2007
EPA 6020-Extended	Vanadium	NELAP	NJ	2/27/2007
EPA 7199	Chromium VI	NELAP	NJ	2/27/2007
EPA 7470	Mercury	NELAP	NJ	2/27/2007
EPA 7471	Mercury	NELAP	NJ	2/27/2007
EPA 9045	pH	NELAP	NJ	2/27/2007

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized accrediting authority. Customers are urged to verify the laboratory's current accreditation standing.

Rec. 2-14-11
SCANNED + C-Filed



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Program Non-Potable Water

Method	Analyte	Accreditation Type	Primary	Effective Date
HACH 8000	Chemical oxygen demand (COD)	NELAP	NJ	2/27/2007
SM 2540 B	Residue, total	NELAP	NJ	1/6/2010
SM 2540 C	Residue, filterable (TDS)	NELAP	NJ	2/27/2007
SM 2540 G	Residue, total	NELAP	NJ	2/27/2007
SM 2540 G	Residue, volatile	NELAP	NJ	2/27/2007
SM 5310 B	Total organic carbon (TOC)	NELAP	NJ	1/6/2010