



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



Certifies that

**VA Laboratory ID#: 460038
Environmental Monitoring, Inc.**

5730 Industrial Park Road
Norton, VA 24273

**Owner: ENVIRONMENTAL MONITORING INC.
Responsible Official: RJ PORTER**

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: **June 15, 2023**

Expiration Date: **June 14, 2024**

Certificate # 12484


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.



Commonwealth of Virginia
 Department of General Services
 Division of Consolidated Laboratory Services



Scope of Accreditation

VELAP Certificate No.: 12484

Environmental Monitoring, Inc.
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BIOLOGICAL TISSUE

| <u>METHOD</u> | <u>ANALYTE</u> | <u>PRIMARY</u> | <u>METHOD</u> | <u>ANALYTE</u> | <u>PRIMARY</u> |
|-------------------|----------------|----------------|---------------|----------------|----------------|
| EPA 200.8 REV 5.4 | SELENIUM | VA | | | |

DRINKING WATER

| <u>METHOD</u> | <u>ANALYTE</u> | <u>PRIMARY</u> | <u>METHOD</u> | <u>ANALYTE</u> | <u>PRIMARY</u> |
|----------------------|--------------------------|----------------|----------------------|------------------|----------------|
| EPA 200.7 REV 4.4 | ALUMINUM | VA | EPA 200.7 REV 4.4 | BARIUM | VA |
| EPA 200.7 REV 4.4 | BERYLLIUM | VA | EPA 200.7 REV 4.4 | CADMIUM | VA |
| EPA 200.7 REV 4.4 | CALCIUM | VA | EPA 200.7 REV 4.4 | CHROMIUM | VA |
| EPA 200.7 REV 4.4 | COPPER | VA | EPA 200.7 REV 4.4 | IRON | VA |
| EPA 200.7 REV 4.4 | MAGNESIUM | VA | EPA 200.7 REV 4.4 | MANGANESE | VA |
| EPA 200.7 REV 4.4 | NICKEL | VA | EPA 200.7 REV 4.4 | SILVER | VA |
| EPA 200.7 REV 4.4 | SODIUM | VA | EPA 200.7 REV 4.4 | ZINC | VA |
| EPA 200.8 REV 5.4 | ARSENIC | VA | EPA 200.8 REV 5.4 | BARIUM | VA |
| EPA 200.8 REV 5.4 | BERYLLIUM | VA | EPA 200.8 REV 5.4 | CADMIUM | VA |
| EPA 200.8 REV 5.4 | CHROMIUM | VA | EPA 200.8 REV 5.4 | COPPER | VA |
| EPA 200.8 REV 5.4 | LEAD | VA | EPA 200.8 REV 5.4 | NICKEL | VA |
| EPA 200.8 REV 5.4 | SELENIUM | VA | EPA 200.8 REV 5.4 | SILVER | VA |
| EPA 200.8 REV 5.4 | ZINC | VA | EPA 300.0 REV 2.1 | CHLORIDE | VA |
| EPA 300.0 REV 2.1 | FLUORIDE | VA | EPA 300.0 REV 2.1 | NITRATE AS N | VA |
| EPA 300.0 REV 2.1 | NITRITE AS N | VA | EPA 300.0 REV 2.1 | SULFATE | VA |
| SM 2320 B-2011 | ALKALINITY AS CaCO3 | VA | SM 2510 B-2011 | CONDUCTIVITY | VA |
| SM 2540 C-2015 | RESIDUE-FILTERABLE (TDS) | VA | SM 9223 COLILERT MPN | ESCHERICHIA COLI | VA |
| SM 9223 COLILERT MPN | TOTAL COLIFORMS | VA | SM 9223 COLILERT P/A | ESCHERICHIA COLI | VA |
| SM 9223 COLILERT P/A | TOTAL COLIFORMS | VA | | | |

NON-POTABLE WATER

| <u>METHOD</u> | <u>ANALYTE</u> | <u>PRIMARY</u> | <u>METHOD</u> | <u>ANALYTE</u> | <u>PRIMARY</u> |
|-------------------|------------------|----------------|-------------------|---|----------------|
| COLILERT MPN | ESCHERICHIA COLI | VA | EPA 1664 A | OIL AND GREASE (AS N-HEXANE EXTRACTABLE MATERIAL (HEM)) | VA |
| EPA 200.7 REV 4.4 | ALUMINUM | VA | EPA 200.7 REV 4.4 | ANTIMONY | VA |
| EPA 200.7 REV 4.4 | ARSENIC | VA | EPA 200.7 REV 4.4 | BARIUM | VA |
| EPA 200.7 REV 4.4 | BERYLLIUM | VA | EPA 200.7 REV 4.4 | BORON | VA |
| EPA 200.7 REV 4.4 | CADMIUM | VA | EPA 200.7 REV 4.4 | CALCIUM | VA |
| EPA 200.7 REV 4.4 | CHROMIUM | VA | EPA 200.7 REV 4.4 | COBALT | VA |
| EPA 200.7 REV 4.4 | COPPER | VA | EPA 200.7 REV 4.4 | IRON | VA |
| EPA 200.7 REV 4.4 | LEAD | VA | EPA 200.7 REV 4.4 | MAGNESIUM | VA |
| EPA 200.7 REV 4.4 | MANGANESE | VA | EPA 200.7 REV 4.4 | MOLYBDENUM | VA |
| EPA 200.7 REV 4.4 | NICKEL | VA | EPA 200.7 REV 4.4 | PHOSPHORUS, TOTAL | VA |
| EPA 200.7 REV 4.4 | POTASSIUM | VA | EPA 200.7 REV 4.4 | SILICA AS SiO2 | VA |

This Scope of Accreditation must accompany the Certificate issued by Virginia DCLS with the same Certificate Number indicated above.



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Scope of Accreditation

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NON-POTABLE WATER

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|-------------------------------------|-----------------|----------------|---------------------------------------|------------------------------|----------------|
| EPA 200.7 REV 4.4 | SILVER | VA | EPA 200.7 REV 4.4 | SODIUM | VA |
| EPA 200.7 REV 4.4 | THALLIUM | VA | EPA 200.7 REV 4.4 | TIN | VA |
| EPA 200.7 REV 4.4 | VANADIUM | VA | EPA 200.7 REV 4.4 | ZINC | VA |
| EPA 200.8 REV 5.4 | ANTIMONY | VA | EPA 200.8 REV 5.4 | ARSENIC | VA |
| EPA 200.8 REV 5.4 | BARIUM | VA | EPA 200.8 REV 5.4 | BERYLLIUM | VA |
| EPA 200.8 REV 5.4 | CADMIUM | VA | EPA 200.8 REV 5.4 | CHROMIUM | VA |
| EPA 200.8 REV 5.4 | COBALT | VA | EPA 200.8 REV 5.4 | COPPER | VA |
| EPA 200.8 REV 5.4 | LEAD | VA | EPA 200.8 REV 5.4 | MOLYBDENUM | VA |
| EPA 200.8 REV 5.4 | NICKEL | VA | EPA 200.8 REV 5.4 | SELENIUM | VA |
| EPA 200.8 REV 5.4 | SILVER | VA | EPA 200.8 REV 5.4 | THALLIUM | VA |
| EPA 200.8 REV 5.4 | VANADIUM | VA | EPA 200.8 REV 5.4 | ZINC | VA |
| EPA 300.0 REV 2.1 | BROMIDE | VA | EPA 300.0 REV 2.1 | CHLORIDE | VA |
| EPA 300.0 REV 2.1 | FLUORIDE | VA | EPA 300.0 REV 2.1 | NITRATE AS N | VA |
| EPA 300.0 REV 2.1 | NITRATE/NITRITE | VA | EPA 300.0 REV 2.1 | NITRITE AS N | VA |
| EPA 300.0 REV 2.1 | SULFATE | VA | EPA 335.4 REV 1.0 (AS SEAL EPA-130-A) | CYANIDE | VA |
| EPA 350.1 REV 2 (AS SEAL EPA-129-A) | AMMONIA AS N | VA | EPA 6010 C | ALUMINUM | VA |
| EPA 6010 C | ANTIMONY | VA | EPA 6010 C | ARSENIC | VA |
| EPA 6010 C | BARIUM | VA | EPA 6010 C | BERYLLIUM | VA |
| EPA 6010 C | BORON | VA | EPA 6010 C | CADMIUM | VA |
| EPA 6010 C | CALCIUM | VA | EPA 6010 C | CHROMIUM | VA |
| EPA 6010 C | COBALT | VA | EPA 6010 C | COPPER | VA |
| EPA 6010 C | IRON | VA | EPA 6010 C | LEAD | VA |
| EPA 6010 C | MAGNESIUM | VA | EPA 6010 C | MANGANESE | VA |
| EPA 6010 C | MOLYBDENUM | VA | EPA 6010 C | NICKEL | VA |
| EPA 6010 C | POTASSIUM | VA | EPA 6010 C | SILVER | VA |
| EPA 6010 C | SODIUM | VA | EPA 6010 C | THALLIUM | VA |
| EPA 6010 C | TIN | VA | EPA 6010 C | VANADIUM | VA |
| EPA 6010 C | ZINC | VA | EPA 6020 | ANTIMONY | VA |
| EPA 6020 | ARSENIC | VA | EPA 6020 | BARIUM | VA |
| EPA 6020 | BERYLLIUM | VA | EPA 6020 | CADMIUM | VA |
| EPA 6020 | CHROMIUM | VA | EPA 6020 | COBALT | VA |
| EPA 6020 | COPPER | VA | EPA 6020 | LEAD | VA |
| EPA 6020 | NICKEL | VA | EPA 6020 | SILVER | VA |
| EPA 6020 | THALLIUM | VA | EPA 6020 | ZINC | VA |
| EPA 6020 - EXTENDED | MOLYBDENUM | VA | EPA 6020 - EXTENDED | SELENIUM | VA |
| EPA 6020 - EXTENDED | VANADIUM | VA | HACH 8000 | CHEMICAL OXYGEN DEMAND (COD) | VA |
| SM 2130 B-2011 | TURBIDITY | VA | SM 2310 B-2011 | ACIDITY, AS CaCO3 | VA |

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| SM 2320 B-2011 | ALKALINITY AS CaCO ₃ | VA |
| SM 2340 C-2011 | TOTAL HARDNESS AS CaCO ₃ | VA |
| SM 2540 C-2015 | RESIDUE-FILTERABLE (TDS) | VA |
| SM 2540 F-2015 | RESIDUE-SETTLABLE | VA |
| SM 4500-S ₂ ⁻ F-2011 | SULFIDE | VA |
| SM 5210 B-2016 | CARBONACEOUS BOD (CBOD) | VA |

| <u>METHOD</u> | <u>ANALYTE</u> | <u>PRIMARY</u> |
|--------------------------------|-------------------------------------|----------------|
| SM 2340 B-2011 | TOTAL HARDNESS AS CaCO ₃ | VA |
| SM 2510 B-2011 | CONDUCTIVITY | VA |
| SM 2540 D-2015 | RESIDUE-NONFILTERABLE (TSS) | VA |
| SM 4500-CL ⁻ B-2011 | CHLORIDE | VA |
| SM 5210 B-2016 | BIOCHEMICAL OXYGEN DEMAND (BOD) | VA |