



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



Certifies that

VA Laboratory ID#: 460019
Environmental Systems Service, LTD.- Culpeper
218 North Main Street
Culpeper, VA 22701

Owner: KAREN CARROLL
Operator: ANGIE WOODWARD

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, 2024**

Expiration Date: **June 14, 2025**

Certificate # 12890

A handwritten signature in cursive script 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.



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



Scope of Accreditation

VELAP Certificate No.: 12890

Environmental Systems Service, LTD.- Culpeper
 218 North Main Street
 Culpeper, VA 22701

Virginia Laboratory ID: 460019
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NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
COLILERT QUANT-TRAY (MPN)	ESCHERICHIA COLI (E COLI)	VA
EPA 180.1 REV 2 (AS HACH 8195)	TURBIDITY	VA
EPA 351.2 REV 2 (AS SEAL EPA-136-B)	KJELDAHL NITROGEN - TOTAL (TKN)	VA
EPA 353.2 REV 2 (AS SEAL EPA-137-A)	NITRITE AS N	VA
EPA 365.1 REV 2 (AS SEAL EPA-134-B)	PHOSPHORUS, TOTAL	VA
SM 2120 B-2011	COLOR	VA
SM 2340 C-2011 (AS HACH 8226)	TOTAL HARDNESS AS CaCO3	VA
SM 2540 B-2011	RESIDUE-TOTAL (TS)	VA
SM 2540 D-2011	RESIDUE-NONFILTERABLE (TSS)	VA
SM 4500-CL ⁻ C-2011	CHLORIDE	VA
SM 4500-NH3 C-2011	KJELDAHL NITROGEN - TOTAL (TKN)	VA
SM 4500-P E-2011	PHOSPHORUS, TOTAL	VA
SM 5210 B-2011	CARBONACEOUS BOD (CBOD)	VA
SM 9221 E + C-2006	FECAL COLIFORMS	VA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
COLILERT-18 QUANT-TRAY (MPN)	ESCHERICHIA COLI (E COLI)	VA
EPA 350.1 REV 2 (AS SEAL EPA-150-B)	AMMONIA AS N	VA
EPA 353.2 REV 2 (AS SEAL EPA-126-D)	NITRATE-NITRITE AS N	VA
EPA 365.1 REV 2 (AS SEAL EPA-118-D)	ORTHOPHOSPHATE AS P	VA
HACH 8000	CHEMICAL OXYGEN DEMAND (COD)	VA
SM 2320 B-2011	ALKALINITY AS CaCO3	VA
SM 2510 B-2011	CONDUCTIVITY	VA
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	VA
SM 2540 F-2011	RESIDUE-SETTLABLE	VA
SM 4500-F ⁻ C-2011	FLUORIDE	VA
SM 4500-NH3 D-2011	AMMONIA AS N	VA
SM 5210 B-2011	BIOCHEMICAL OXYGEN DEMAND (BOD)	VA
SM 9221 B-2006	TOTAL COLIFORMS	VA

SOLID AND CHEMICAL MATERIALS

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 9045 D	PH	VA
SM 2540 G-2011	RESIDUE-TOTAL (TS)	VA
SM 9221 E + C-2006	FECAL COLIFORMS	VA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 9095 B	FREE LIQUID	VA
SM 2540 G-2011	RESIDUE-VOLATILE	VA