



**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, 2026**

Expiration Date: **September 30, 2026**

**Certificate # 14025**

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.

  
Marilyn Bibbs Freeman, Ph.D., M(ASCP)  
DCLS Deputy Director



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



**Scope of Accreditation**

VELAP Certificate No.: 14025

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

**Virginia Laboratory ID: 460019**  
 Effective Date: June 15, 2026  
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**NON-POTABLE WATER**

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
COLILERT QUANTI-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-2021	COLOR	VA
SM 2510 B-2021	CONDUCTIVITY	VA
SM 2540 C-2020	RESIDUE-FILTERABLE (TDS)	VA
SM 4500-CL <sup>-</sup> C-2021	CHLORIDE	VA
SM 4500-NH3 C-2021	KJELDAHL NITROGEN - TOTAL (TKN)	VA
SM 4500-P E-2021	PHOSPHORUS, TOTAL	VA
SM 5210 B-2016	CARBONACEOUS BOD (CBOD)	VA
SM 9221 E-2014	FECAL COLIFORMS	VA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
COLILERT-18 QUANTI-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 2340 C-2021 (AS HACH 8226)	TOTAL HARDNESS AS CaCO3	VA
SM 2540 B-2020	RESIDUE-TOTAL (TS)	VA
SM 2540 D-2020	RESIDUE-NONFILTERABLE (TSS)	VA
SM 4500-F <sup>-</sup> C-2021	FLUORIDE	VA
SM 4500-NH3 D-2021	AMMONIA AS N	VA
SM 5210 B-2016	BIOCHEMICAL OXYGEN DEMAND (BOD)	VA
SM 9221 B-2014	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-2014	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