



**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**

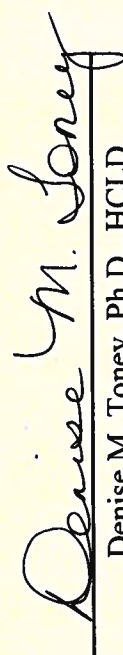
**Owner: KAREN CARROLL
Operator: ANGIE WOODWARD**

Having met the requirements of 1 VAC 30-46 and
having been found compliant with the 2009 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: May 10, 2018
Expiration Date: June 14, 2018
Certificate # 9656**


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.

Certificate Not Transferable

Surrender Upon Revocation



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



Scope of Accreditation

VELAP Certificate No.: 9656

Environmental Systems Service, LTD.- Culpeper
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 Culpeper, VA 22701

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NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
COLILERT MPN	ESCHERICHIA COLI	VA
EPA 180.1 (AS HACH 8195)	TURBIDITY	VA
EPA 351.2 (AS SEAL EPA-136-B)	KJELDAHL NITROGEN - TOTAL (TKN)	VA
EPA 353.2 (AS SEAL EPA-137-A)	NITRITE AS N	VA
EPA 365.1 (AS SEAL EPA-134-B)	PHOSPHORUS, TOTAL	VA
M-COLIBLUE24®	ESCHERICHIA COLI	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 4500-P E-2011	ORTHOPHOSPHATE AS P	VA
SM 5210 B-2011	BIOCHEMICAL OXYGEN DEMAND (BOD)	VA
SM 9221 B-2006	TOTAL COLIFORMS	VA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
COLILERT-18 MPN	ESCHERICHIA COLI	VA
EPA 350.1 (AS SEAL EPA-150-B)	AMMONIA AS N	VA
EPA 353.2 (AS SEAL EPA-126-D)	NITRATE/NITRITE	VA
EPA 365.1 (AS SEAL EPA-118-D)	ORTHOPHOSPHATE AS P	VA
HACH 8000	CHEMICAL OXYGEN DEMAND (COD)	VA
SM 2120 B-2011	COLOR	VA
SM 2340 C (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-NO2 ⁻ B-2011	NITRITE AS N	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

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