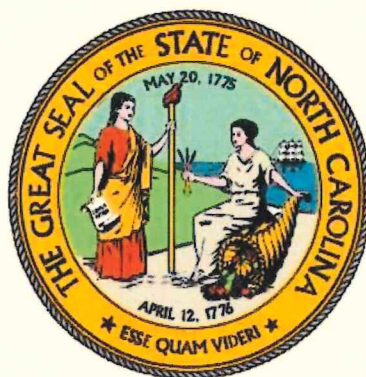


DIVISION OF WATER RESOURCES LABORATORY CERTIFICATION BRANCH

In accordance with the provisions of N.C.G.S. 143-215.3 (a) (1), 143-215.3 (a)(10) and 15A NCAC 02H.0800:



2026

Alliance Technical Group LLC – Greenville

Is hereby certified to perform environmental analysis as listed on the Laboratory's Certified Parameter List and report monitoring data to DEQ for compliance with NPDES effluent, surface water, groundwater, soil and pretreatment regulations.

By reference 15A NCAC 02H .0800 is made a part of this certificate.

This certificate does not guarantee validity of data generated, but indicates the methodology, equipment, quality control procedures, records, and proficiency of the laboratory have been examined and found to be acceptable.

This certificate shall be valid until 12/31/2026

Certificate No. 27

EPA Lab ID SC00004

A handwritten signature in black ink, appearing to read "Beth Swanson", is written over a horizontal line.

Beth Swanson

North Carolina Wastewater/Groundwater Laboratory Certification
Certified Parameters Listing

Lab Name: Alliance Technical Group LLC – Greenville
 Address: 426 Fairforest Way
 Greenville, SC 29607

Certificate Number: 27
 Effective Date: 1/1/2026
 Expiration Date: 12/31/2026
 Date of Last Amendment: 12/9/2024

The above named laboratory, having duly met the requirements of 15A NCAC 02H.0800, is hereby certified for the measurement of the parameters listed below.

CERTIFIED PARAMETERS

INORGANICS

ALKALINITY

SM 2320 B-2021 (Aqueous)

CHLORIDE

EPA 300.0_Rev. 2.1 (1993) (Aqueous)

EPA 300.0_Rev. 2.1 (1993) (Non-Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

CHLORINE, TOTAL RESIDUAL

SM 4500-Cl G-2011 (Aqueous)

COLIFORM, FECAL

IDEXX Colilert-18® (Aqueous)

SM 9221 E-2014 (Aqueous)

SM 9221 E-2014 (Biosolids)

COLOR

SM 2120 B-2021 (Aqueous)

SM 2120 E-1993 (Aqueous)

CONDUCTIVITY

SM 2510 B-2021 (Aqueous)

SW-846 9050 A (Aqueous)

CYANIDE

SM 4500-CN⁻ E-2021 (Aqueous)

SW-846 9014 (Aqueous)

SW-846 9014 (Non-Aqueous)

E. COLI

IDEXX Colilert® (24 hr) (Aqueous)

FLASH POINT

SW-846 1010 B (D93-80) (Aqueous)

FLUORIDE

EPA 300.0_Rev. 2.1 (1993) (Aqueous)

EPA 300.0_Rev. 2.1 (1993) (Non-Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

MBAS

SM 5540 C-2021 (Aqueous)

NITROGEN, AMMONIA

EPA 350.1, Rev. 2.0 (1993) (Aqueous)

NITROGEN, NITRATE

EPA 300.0, Rev. 2.1 (1993) (Aqueous)

EPA 300.0, Rev. 2.1 (1993) (Non-Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

NITROGEN, NITRITE

EPA 300.0, Rev. 2.1 (1993) (Aqueous)

EPA 300.0, Rev. 2.1 (1993) (Non-Aqueous)

SM 4500-NO₂⁻ B (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

NITROGEN, NO₃ + NO₂

SM 4500-NO₃⁻ H-2019 (Aqueous)

NITROGEN, TOTAL KJELDAHL

EPA 351.2, Rev. 2.0 (1993) (Aqueous)

ORGANIC CARBON, TOTAL

SM 5310 B-2014 (Aqueous)

SW-846 9060 A (Aqueous)

OXYGEN DEMAND, BIOCHEMICAL

SM 5210 B-2016 (Aqueous)

OXYGEN DEMAND, CHEMICAL

EPA 410.4_Rev. 2.0 (1993) (Aqueous)

OXYGEN, DISSOLVED

SM 4500-O G-2021 (Aqueous)

PAINT FILTER LIQUIDS

SW-846 9095 B (Aqueous)

SW-846 9095 B (Non-Aqueous)

pH

SM 4500-H+ B-2021 (Aqueous)

SW-846 9040 C (Aqueous)

SW-846 9045 D (Non-Aqueous)

PHENOLS, INORGANIC

EPA 420.1 (1978) (Aqueous)

This certification requires maintenance of an acceptable quality assurance program, use of approved methodology, and satisfactory performance on evaluation samples. Laboratories are subject to civil penalties and/or decertification for infractions as set forth in 15A NCAC 02H.0807.

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CERTIFIED PARAMETERS

SW-846 9065 (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
PHOSPHATE, ORTHO	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SM 4500-P E-2021 (Aqueous)	SW-846 6010 D (Aqueous)
PHOSPHORUS, TOTAL (NUTRIENTS)	SW-846 6010 D (Non-Aqueous)
SM 4500-P E-2021 (Aqueous)	SW-846 6020 B (Aqueous)
RESIDUE, DISSOLVED 180 C	ARSENIC
SM 2540 C-2020 (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
RESIDUE, SETTLEABLE	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SM 2540 F-2020 (Aqueous)	SW-846 6010 D (Aqueous)
RESIDUE, TOTAL	SW-846 6010 D (Non-Aqueous)
SM 2540 B-2020 (Aqueous)	SW-846 6020 B (Aqueous)
RESIDUE, VOLATILE	BARIUM
SM 2540 G-2020 (Non-Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SILICA (NUTRIENTS)	SW-846 6010 D (Aqueous)
SM 4500-SiO2 C-2021 (Aqueous)	SW-846 6010 D (Non-Aqueous)
SULFATE	SW-846 6020 B (Aqueous)
EPA 300.0_Rev. 2.1 (1993) (Aqueous)	BERYLLIUM
EPA 300.0_Rev. 2.1 (1993) (Non-Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 9056 A (Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SW-846 9056 A (Non-Aqueous)	SW-846 6010 D (Aqueous)
SULFIDE	SW-846 6010 D (Non-Aqueous)
SM 4500-S ²⁻ F-2021 (Aqueous)	SW-846 6020 B (Aqueous)
TEMPERATURE	BORON
SM 2550 B-2010 (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
TURBIDITY	SW-846 6010 D (Aqueous)
EPA 180.1_Rev. 2.0 (1993) (Aqueous)	SW-846 6010 D (Non-Aqueous)
VECTOR ATTRACTION REDUCTION	CADMIUM
Option 1: Reduction in Volatile Solids (Non-Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
Option 4: Specific Oxygen Uptake Rate (Non-Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
METALS	SW-846 6010 D (Aqueous)
ALUMINUM	SW-846 6010 D (Non-Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	SW-846 6020 B (Aqueous)
SW-846 6010 D (Aqueous)	CALCIUM
SW-846 6010 D (Non-Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
ANTIMONY	SW-846 6010 D (Aqueous)

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CERTIFIED PARAMETERS

SW-846 6010 D (Non-Aqueous)	SW-846 6020 B (Aqueous)
CHROMIUM, HEXAVALENT	LITHIUM
SM 3500-Cr B-2020 (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 7196 A (Aqueous)	SW-846 6010 D (Aqueous)
CHROMIUM, TOTAL	SW-846 6010 D (Non-Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	MAGNESIUM
EPA 200.8_Rev. 5.4 (1994) (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 6010 D (Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Aqueous)
SW-846 6020 B (Aqueous)	SW-846 6010 D (Non-Aqueous)
COBALT	MANGANESE
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
EPA 200.8_Rev. 5.4 (1994) (Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SW-846 6010 D (Aqueous)	SW-846 6010 D (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Non-Aqueous)
SW-846 6020 B (Aqueous)	SW-846 6020 B (Aqueous)
COPPER	MERCURY
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	EPA 245.1_Rev. 3.0 (1994) (Aqueous)
EPA 200.8_Rev. 5.4 (1994) (Aqueous)	SW-846 7470 A (Aqueous)
SW-846 6010 D (Aqueous)	SW-846 7471 B (Non-Aqueous)
SW-846 6010 D (Non-Aqueous)	MOLYBDENUM
SW-846 6020 B (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
HARDNESS, TOTAL (METALS)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SM 2340 B-2021 (EPA 200.7_Rev. 4.4_1994) (Aqueous)	SW-846 6010 D (Aqueous)
IRON	SW-846 6010 D (Non-Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	SW-846 6020 B (Aqueous)
EPA 200.8_Rev. 5.4 (1994) (Aqueous)	NICKEL
SW-846 6010 D (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 6010 D (Non-Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SW-846 6020 B (Aqueous)	SW-846 6010 D (Aqueous)
LEAD	SW-846 6010 D (Non-Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	SW-846 6020 B (Aqueous)
EPA 200.8_Rev. 5.4 (1994) (Aqueous)	PHOSPHORUS, TOTAL (METALS)
SW-846 6010 D (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Aqueous)

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CERTIFIED PARAMETERS

SW-846 6010 D (Non-Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
POTASSIUM	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	SW-846 6010 D (Aqueous)
EPA 200.8_Rev. 5.4 (1994) (Aqueous)	SW-846 6010 D (Non-Aqueous)
SW-846 6010 D (Aqueous)	TITANIUM
SW-846 6010 D (Non-Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 6020 B (Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SELENIUM	SW-846 6010 D (Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	SW-846 6010 D (Non-Aqueous)
EPA 200.8_Rev. 5.4 (1994) (Aqueous)	VANADIUM
SW-846 6010 D (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 6010 D (Non-Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SW-846 6020 B (Aqueous)	SW-846 6010 D (Aqueous)
SILVER	SW-846 6010 D (Non-Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	SW-846 6020 B (Aqueous)
EPA 200.8_Rev. 5.4 (1994) (Aqueous)	ZINC
SW-846 6010 D (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 6010 D (Non-Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SW-846 6020 B (Aqueous)	SW-846 6010 D (Aqueous)
SODIUM	SW-846 6010 D (Non-Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	SW-846 6020 B (Aqueous)
SW-846 6010 D (Aqueous)	ORGANICS
SW-846 6010 D (Non-Aqueous)	BASE NEUTRAL/ACID, ORGANICS
SW-846 6020 B (Aqueous)	EPA 625.1 (Dec 2016) (Aqueous)
STRONTIUM	SW-846 8270 E (Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	SW-846 8270 E (Non-Aqueous)
SW-846 6010 D (Aqueous)	PESTICIDES, ORGANOCHLORINE
SW-846 6010 D (Non-Aqueous)	EPA 608.3 (Dec 2016) (Aqueous)
THALLIUM	SW-846 8081 B (Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	SW-846 8081 B (Non-Aqueous)
EPA 200.8_Rev. 5.4 (1994) (Aqueous)	POLYCHLORINATED BIPHENYLS (PCBs)
SW-846 6010 D (Aqueous)	EPA 608.3 (Dec 2016) (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 8082 A (Aqueous)
SW-846 6020 B (Aqueous)	SW-846 8082 A (Non-Aqueous)
TIN	SW-846 8082 A (Oil)

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CERTIFIED PARAMETERS

PURGEABLE, ORGANICS

EPA 624.1 (Dec 2016) (Aqueous)

SW-846 8260 D (Aqueous)

SW-846 8260 D (Non-Aqueous)