

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 NCAC 2H.0800:



2026

Waypoint Analytical - Charlotte

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 2H .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. 402

EPA Lab ID NC00127

Beth Swanson

North Carolina Wastewater/Groundwater Laboratory Certification

Certified Parameters Listing

Lab Name: Waypoint Analytical - Charlotte
Address: 449 Springbrook Road
Charlotte, NC 28217

Certificate Number: 402
Effective Date: 1/1/2026
Expiration Date: 12/31/2026
Date of Last Amendment: 7/17/2025

The above named laboratory, having duly met the requirements of 15A NCAC 2H.0800, is hereby certified for the measurement of the parameters listed below.

CERTIFIED PARAMETERS

INORGANICS

ACIDITY

SM 2310 B-2020 (Aqueous)

ALKALINITY

SM 2320 B-2021 (Aqueous)

BROMIDE

EPA 300.0_Rev. 2.1 (1993) (Aqueous)

CHLORIDE

EPA 300.0_Rev. 2.1 (1993) (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)

SM 9222 D-2015 (Aqueous)

SM 9222 D-2015 (Biosolids - Class B Only)

COLOR

SM 2120 B-2021 (Aqueous)

CONDUCTIVITY

EPA 120.1 (1982) (Aqueous)

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)

IDEXX Colilert-18® (Aqueous)

FLUORIDE

EPA 300.0_Rev. 2.1 (1993) (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

HARDNESS, TOTAL (WET CHEMISTRY)

SM 2340 C-2021 (Aqueous)

IGNITABILITY

SW-846 1030 (Non-Aqueous)

MBAS

SM 5540 C-2021 (Aqueous)

NITROGEN, AMMONIA

SM 4500-NH₃ C-2021 (Aqueous)

SM 4500-NH₃ C-2021 (Non-Aqueous)

SM 4500-NH₃ G-2021 (Aqueous)

NITROGEN, NITRATE

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

EPA 353.2, Rev. 2.0 (1993) - SM 4500-NO₂⁻ B-2021 (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

NITROGEN, NITRITE

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

SM 4500-NO₂⁻ B (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

NITROGEN, NO₃ + NO₂

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

EPA 353.2, Rev. 2.0 (1993) (Aqueous)

SM 4500-NO₃⁻ F-2019 (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

NITROGEN, TOTAL KJELDAHL

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

OIL & GREASE

EPA 1664 Rev. B (Aqueous)

OXYGEN DEMAND, BIOCHEMICAL

SM 5210 B-2016 (Aqueous)

OXYGEN DEMAND, CARBONACEOUS BIOCHEMICAL

SM 5210 B-2016 (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 2H.0807.

North Carolina Wastewater/Groundwater Laboratory Certification

Certified Parameters Listing

Lab Name: Waypoint Analytical - Charlotte
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Charlotte, NC 28217

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Date of Last Amendment: 7/17/2025

The above named laboratory, having duly met the requirements of 15A NCAC 2H.0800, is hereby certified for the measurement of the parameters listed below.

CERTIFIED PARAMETERS

OXYGEN DEMAND, CHEMICAL	SM 4500-S ⁺ F-2021 (Aqueous)
Hach 8000 (Aqueous)	TEMPERATURE
SM 5220 D-2011 (Aqueous)	SM 2550 B-2010 (Aqueous)
OXYGEN, DISSOLVED	TURBIDITY
Hach 10360_Rev. 1.2 (Aqueous)	EPA 180.1_Rev. 2.0 (1993) (Aqueous)
SM 4500-O G-2021 (Aqueous)	SM 2130 B-2020 (Aqueous)
PAINT FILTER LIQUIDS	METALS
SW-846 9095 B (Aqueous)	CHROMIUM, HEXAVALENT
SW-846 9095 B (Non-Aqueous)	SM 3500-Cr B-2020 (Aqueous)
pH	SW-846 7196 A (Aqueous)
SM 4500-H+ B-2021 (Aqueous)	SW-846 7196 A (Non-Aqueous)
SW-846 9040 C (Aqueous)	ORGANICS
SW-846 9045 D (Non-Aqueous)	EDB, DBCP & TCP
PHENOLS, INORGANIC	SW-846 8011 (Does not include TCP) (Aqueous)
EPA 420.1 (1978) (Aqueous)	PURGEABLE, ORGANICS
SW-846 9065 (Aqueous)	EPA 624.1 (Dec 2016) (Aqueous)
PHOSPHATE, ORTHO	SM 6200 B-2020 (Aqueous)
SM 4500-P E-2021 (Aqueous)	SW-846 8260 D (Aqueous)
PHOSPHORUS, TOTAL (NUTRIENTS)	SW-846 8260 D (Non-Aqueous)
EPA 365.1, Rev. 2.0 (1993) (Aqueous)	TPH GASOLINE RANGE, ORGANICS
SM 4500-P E-2021 (Aqueous)	SW-846 8015 C (Aqueous)
SM 4500-P F-2021 (Aqueous)	SW-846 8015 C (Non-Aqueous)
RESIDUE, DISSOLVED 180 C	VOLATILE PETROLEUM HYDROCARBONS
SM 2540 C-2020 (Aqueous)	MADEP_Rev. 2.1_(Feb 2018) (Aqueous)
RESIDUE, SETTLEABLE	MADEP_Rev. 2.1_(Feb 2018) (Non-Aqueous)
SM 2540 F-2020 (Aqueous)	
RESIDUE, SUSPENDED	
SM 2540 D-2020 (Aqueous)	
RESIDUE, TOTAL	
SM 2540 B-2020 (Aqueous)	
SULFATE	
EPA 300.0_Rev. 2.1 (1993) (Aqueous)	
SW-846 9056 A (Aqueous)	
SW-846 9056 A (Non-Aqueous)	
SULFIDE	

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