

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 LLC

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. 415

EPA Lab ID TN00012

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: Waypoint Analytical LLC
 Address: 2790 Whitten Road
 Memphis, TN 38133

Certificate Number: 415
 Effective Date: 1/1/2026
 Expiration Date: 12/31/2026
 Date of Last Amendment: 10/21/2025

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	SW-846 9056 A (Aqueous)
ACIDITY	SW-846 9056 A (Non-Aqueous)
SM 2310 B-2020 (Aqueous)	NITROGEN, NITRITE
ALKALINITY	EPA 300.0, Rev. 2.1 (1993) (Aqueous)
SM 2320 B-2021 (Aqueous)	SW-846 9056 A (Aqueous)
BROMIDE	SW-846 9056 A (Non-Aqueous)
EPA 300.0_Rev. 2.1 (1993) (Aqueous)	NITROGEN, NO3 + NO2
SW-846 9056 A (Aqueous)	SM 4500-NO3 ⁻ F-2019 (Aqueous)
SW-846 9056 A (Non-Aqueous)	SM 4500-NO3 ⁻ I-2019 (Aqueous)
CHLORIDE	NITROGEN, TOTAL KJELDAHL
EPA 300.0_Rev. 2.1 (1993) (Aqueous)	SM 4500-NH3 C-2021 (SM 4500-Norg B-2021) (Aqueous)
SW-846 9056 A (Aqueous)	SM 4500-NH3 C-2021 (SM 4500-Norg B-2021) (Non-Aqueous)
SW-846 9056 A (Non-Aqueous)	SM 4500-Norg D-2021 (Aqueous)
COLOR	OIL & GREASE
SM 2120 B-2021 (PtCo) (Aqueous)	EPA 1664 Rev. B (Aqueous)
CONDUCTIVITY	SW-846 9071 B (Non-Aqueous)
SM 2510 B-2021 (Aqueous)	ORGANIC CARBON, TOTAL
CYANIDE (AVAILABLE)	SM 5310 C-2014 (Aqueous)
SM 4500-CN ⁻ E-2021 (SM 4500-CN ⁻ G-2021) (Aqueous)	SW-846 9060 A (Aqueous)
CYANIDE (TOTAL)	OXYGEN DEMAND, BIOCHEMICAL
SM 4500-CN ⁻ E-2021 (Aqueous)	SM 5210 B-2016 (Aqueous)
SW-846 9014 (Aqueous)	OXYGEN DEMAND, CARBONACEOUS BIOCHEMICAL
SW-846 9014 (Non-Aqueous)	SM 5210 B-2016 (Aqueous)
FLASH POINT	OXYGEN DEMAND, CHEMICAL
SW-846 1010 B (D93-80) (Aqueous)	SM 5220 D-2011 (Aqueous)
FLUORIDE	PAINT FILTER LIQUIDS
EPA 300.0_Rev. 2.1 (1993) (Aqueous)	SW-846 9095 B (Aqueous)
SW-846 9056 A (Aqueous)	SW-846 9095 B (Non-Aqueous)
SW-846 9056 A (Non-Aqueous)	pH
MBAS	SM 4500-H+ B-2021 (Aqueous)
SM 5540 C-2021 (Aqueous)	SW-846 9040 C (Aqueous)
NITROGEN, AMMONIA	SW-846 9045 D (Non-Aqueous)
SM 4500-NH3 D-2021 (Aqueous)	PHENOLS, INORGANIC
NITROGEN, NITRATE	EPA 420.1 (1978) (Aqueous)
EPA 300.0, Rev. 2.1 (1993) (Aqueous)	SW-846 9065 (Aqueous)

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PHOSPHATE, ORTHO SM 4500-P E-2021 (Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous)
PHOSPHORUS, TOTAL (NUTRIENTS) EPA 365.4 (1974) (Aqueous) SM 4500-P E-2021 (Aqueous)	SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)
RESIDUE, DISSOLVED 180 C SM 2540 C-2020 (Aqueous)	ARSENIC EPA 200.7_Rev. 4.4 (1994) (Aqueous)
RESIDUE, SETTLEABLE SM 2540 F-2020 (Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous)
RESIDUE, SUSPENDED SM 2540 D-2020 (Aqueous)	SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous)
RESIDUE, TOTAL SM 2540 B-2020 (Aqueous) SM 2540 G-2020 (Non-Aqueous)	SW-846 6020 B (Non-Aqueous) BARIUM EPA 200.7_Rev. 4.4 (1994) (Aqueous)
RESIDUE, VOLATILE SM 2540 G-2020 (Non-Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous)
SULFATE EPA 300.0_Rev. 2.1 (1993) (Aqueous) SW-846 9056 A (Aqueous) SW-846 9056 A (Non-Aqueous)	SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)
SULFIDE SW-846 9031 (Non-Aqueous) SW-846 9034 (Non-Aqueous)	BERYLLIUM EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous)
TURBIDITY SM 2130 B-2020 (Aqueous)	SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous)
METALS ALUMINUM EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
ANTIMONY EPA 200.7_Rev. 4.4 (1994) (Aqueous)	BORON EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous)
	SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)
	CADMIUM EPA 200.7_Rev. 4.4 (1994) (Aqueous)

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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)	SW-846 6020 B (Non-Aqueous)
SW-846 6020 B (Non-Aqueous)	HARDNESS, TOTAL (METALS)
CALCIUM	SM 2340 B-2021 (EPA 200.7_Rev. 4.4_1994) (Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)	IRON
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)
SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Aqueous)
CHROMIUM, HEXAVALENT	SW-846 6020 B (Non-Aqueous)
SM 3500-Cr B-2020 (Aqueous)	LEAD
SW-846 7196 A (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 7196 A (Non-Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
SW-846 7199 (Non-Aqueous)	SW-846 6010 D (Aqueous)
CHROMIUM, TOTAL	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)	SW-846 6020 B (Non-Aqueous)
SW-846 6010 D (Aqueous)	MAGNESIUM
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)
SW-846 6020 B (Non-Aqueous)	SW-846 6010 D (Animal Waste)
COBALT	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)	SW-846 6020 B (Non-Aqueous)
SW-846 6010 D (Non-Aqueous)	MANGANESE
SW-846 6020 B (Aqueous)	EPA 200.7_Rev. 4.4 (1994) (Aqueous)
SW-846 6020 B (Non-Aqueous)	EPA 200.8_Rev. 5.4 (1994) (Aqueous)
COPPER	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 (Animal Waste)	SW-846 6020 B (Non-Aqueous)

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<p>MERCURY EPA 245.1_Rev. 3.0 (1994) (Aqueous) SW-846 7470 A (Aqueous) SW-846 7471 B (Non-Aqueous)</p> <p>MOLYBDENUM EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)</p> <p>NICKEL EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)</p> <p>PHOSPHORUS, TOTAL (METALS) EPA 200.7_Rev. 4.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous)</p> <p>POTASSIUM EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)</p> <p>SELENIUM EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous)</p>	<p>SW-846 6020 B (Non-Aqueous)</p> <p>SILVER EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)</p> <p>SODIUM EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)</p> <p>STRONTIUM EPA 200.7_Rev. 4.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)</p> <p>THALLIUM EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)</p> <p>TIN EPA 200.7_Rev. 4.4 (1994) (Aqueous) EPA 200.8_Rev. 5.4 (1994) (Aqueous) SW-846 6010 D (Aqueous) SW-846 6010 D (Non-Aqueous) SW-846 6020 B (Aqueous) SW-846 6020 B (Non-Aqueous)</p>
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<p>TITANIUM</p> <p>EPA 200.7_Rev. 4.4 (1994) (Aqueous)</p> <p>EPA 200.8_Rev. 5.4 (1994) (Aqueous)</p> <p>SW-846 6010 D (Aqueous)</p> <p>SW-846 6010 D (Non-Aqueous)</p> <p>SW-846 6020 B (Aqueous)</p> <p>SW-846 6020 B (Non-Aqueous)</p> <p>VANADIUM</p> <p>EPA 200.7_Rev. 4.4 (1994) (Aqueous)</p> <p>EPA 200.8_Rev. 5.4 (1994) (Aqueous)</p> <p>SW-846 6010 D (Aqueous)</p> <p>SW-846 6010 D (Non-Aqueous)</p> <p>SW-846 6020 B (Aqueous)</p> <p>SW-846 6020 B (Non-Aqueous)</p> <p>ZINC</p> <p>EPA 200.7_Rev. 4.4 (1994) (Aqueous)</p> <p>EPA 200.8_Rev. 5.4 (1994) (Aqueous)</p> <p>SW-846 6010 D (Animal Waste)</p> <p>SW-846 6010 D (Aqueous)</p> <p>SW-846 6010 D (Non-Aqueous)</p> <p>SW-846 6020 B (Aqueous)</p> <p>SW-846 6020 B (Non-Aqueous)</p> <p>ORGANICS</p> <p>BASE NEUTRAL/ACID, ORGANICS</p> <p>EPA 625.1 (Dec 2016) (Aqueous)</p> <p>SW-846 8270 E (Aqueous)</p> <p>SW-846 8270 E (Non-Aqueous)</p> <p>CHLORINATED ACID HERBICIDES</p> <p>EPA 615 (1992) (Aqueous)</p> <p>SW-846 8151 A (Aqueous)</p> <p>SW-846 8151 A (Non-Aqueous)</p> <p>EDB, DBCP & TCP</p> <p>EPA 504.1_Rev. 1.1 (1995) (Aqueous)</p> <p>SW-846 8011 (Does not include TCP) (Aqueous)</p> <p>EXTRACTABLE PETROLEUM HYDROCARBONS</p>	<p>MADEP_Rev. 2.1_(December 2019) (Aqueous)</p> <p>MADEP_Rev. 2.1_(December 2019) (Non-Aqueous)</p> <p>NONHALOGENATED VOLATILE, ORGANICS</p> <p>SW-846 8015 C (Aqueous)</p> <p>SW-846 8015 C (Non-Aqueous)</p> <p>PESTICIDES, ORGANOCHLORINE</p> <p>EPA 608.3 (Dec 2016) (Aqueous)</p> <p>SW-846 8081 B (Aqueous)</p> <p>SW-846 8081 B (Non-Aqueous)</p> <p>POLYCHLORINATED BIPHENYLS (PCBs)</p> <p>EPA 608.3 (Dec 2016) (Aqueous)</p> <p>SW-846 8082 A (Aqueous)</p> <p>SW-846 8082 A (Non-Aqueous)</p> <p>SW-846 8082 A (Oil)</p> <p>POLYNUCLEAR AROMATIC HYDROCARBONS</p> <p>SW-846 8270 E (Aqueous)</p> <p>SW-846 8270 E (Non-Aqueous)</p> <p>PURGEABLE, ORGANICS</p> <p>EPA 624.1 (Dec 2016) (Aqueous)</p> <p>SM 6200 B-2020 (Aqueous)</p> <p>SW-846 8260 D (Aqueous)</p> <p>SW-846 8260 D (Non-Aqueous)</p> <p>TPH DIESEL RANGE, ORGANICS</p> <p>SW-846 8015 C (Aqueous)</p> <p>SW-846 8015 C (Non-Aqueous)</p> <p>TPH GASOLINE RANGE, ORGANICS</p> <p>SW-846 8015 C (Aqueous)</p> <p>SW-846 8015 C (Non-Aqueous)</p> <p>VOLATILE PETROLEUM HYDROCARBONS</p> <p>MADEP_Rev. 2.1_(Feb 2018) (Aqueous)</p> <p>MADEP_Rev. 2.1_(Feb 2018) (Non-Aqueous)</p>
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