

STATE OF NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY

**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:



2025

Waypoint Analytical LLC

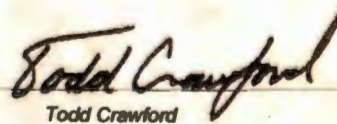
Is hereby certified to perform environmental analysis as listed on the Laboratory's Certified Parameter List and report monitoring data to DEQ for compliance with NPDES effluent, surface water, groundwater, soil and pretreatment regulations.

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.

12/31/2025

Certificate No. 415


Todd Crawford

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: 1/1/2025
Expiration Date: 12/31/2025
Date of Last Amendment: 6/16/2025

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)

BOD

SM 5210 B-2016 (Aqueous)

BROMIDE

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

CBOD

SM 5210 B-2016 (Aqueous)

CHLORIDE

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

COD

SM 5220 D-2011 (Aqueous)

COLOR - PC

SM 2120 B-2021 (PtCo) (Aqueous)

CONDUCTIVITY

SM 2510 B-2021 (Aqueous)

CYANIDE

SW-846 9014 (Total) (Colorimetric) (Aqueous)

SW-846 9014 (Total) (Colorimetric) (Non-Aqueous)

SM 4500-CN⁻ E-2021 (Total) (Aqueous)

SM 4500-CN⁻ G-2021 (SM 4500-CN⁻ E-2021) (Available) (Aqueous)

FLASH POINT

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

FLUORIDE

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

INORGANIC PHENOLS

EPA 420.1, Rev. 1978 (Aqueous)

SW-846 9065 (Aqueous)

MBAS

SM 5540 C-2021 (Aqueous)

NITROGEN - AMMONIA

SM 4500-NH₃ D-2021 (Aqueous)

NITROGEN - NITRATE

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

NITROGEN - NITRITE

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

NITROGEN - NO₃ + NO₂

SM 4500-NO₃⁻ F-2019 (Aqueous)

SM 4500-NO₃⁻ I-2019 (Aqueous)

NITROGEN - TOTAL KJELDAHL

SM 4500-NH₃ C-2021 (SM 4500-Norg B-2021) (Aqueous)

SM 4500-NH₃ C-2021 (SM 4500-Norg B-2021) (Non-Aqueous)

SM 4500-Norg D-2021 (Aqueous)

OIL & GREASE

EPA 1664 Rev. B (Aqueous)

SW-846 9071 B (Non-Aqueous)

ORGANIC CARBON - TOTAL

SM 5310 C-2014 (Aqueous)

SW-846 9060 A (Aqueous)

PAINT FILTER LIQUIDS

SW-846 9095B (Aqueous)

SW-846 9095B (Non-Aqueous)

pH

SM 4500-H+B-2021 (Aqueous)

SW-846 9040 C (Aqueous)

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CERTIFIED PARAMETERS

SW-846 9045 D (Non-Aqueous)
PHOSPHATE - ORTHO
SM 4500-P E-2021 (Aqueous)
PHOSPHORUS - TOTAL - INORGANICS
SM 4500-P E-2021 (Aqueous)
EPA 365.4, 1974 (Aqueous)

Mehlich 3 Extraction - SM 4500-P E-2011 - Animal Waste only

RESIDUE - DISSOLVED 180 C

SM 2540 C-2020 (Aqueous)

RESIDUE - SETTLEABLE

SM 2540 F-2020 (Aqueous)

RESIDUE - SUSPENDED

SM 2540 D-2020 (Aqueous)

RESIDUE - TOTAL

SM 2540 B-2020 (Aqueous)

SM 2540 G-2020 (Non-Aqueous)

RESIDUE - VOLATILE

SM 2540 G-2020 (Non-Aqueous)

SULFATE

EPA 300.0, Rev. 2.1, 1993 (Aqueous)

SW-846 9056 A (Aqueous)

SW-846 9056 A (Non-Aqueous)

SULFIDE

SW-846 9031 (Non-Aqueous)

SW-846 9034 (Non-Aqueous)

TURBIDITY

SM 2130 B-2020 (Aqueous)

METALS

ALUMINUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

ANTIMONY

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

ARSENIC

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

BARIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

BERYLLIUM

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 6020 B (Non-Aqueous)

BORON

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (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

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CERTIFIED PARAMETERS

CADMIUM	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
	SW-846 6010 D (Aqueous)	SW-846 6010 D (Aqueous)
	SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Non-Aqueous)
	EPA 200.8, Rev. 5.4, 1994 (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
	SW-846 6020 B (Aqueous)	SW-846 6020 B (Aqueous)
	SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
		Mehlich 3 Extraction - SW-846 6010 D - Animal Waste only
CALCIUM		HARDNESS TOTAL - METALS - METALS
	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	SM 2340 B-2021 (Ca EPA 200.7, Rev. 4.4, 1994 + Mg 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)
	EPA 200.8, Rev. 5.4, 1994 (Aqueous)	SW-846 6010 D (Aqueous)
	SW-846 6020 B (Aqueous)	SW-846 6010 D (Non-Aqueous)
	SW-846 6020 B (Non-Aqueous)	EPA 200.8, Rev. 5.4, 1994 (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)	SW-846 6010 D (Aqueous)
	SW-846 7199 (Non-Aqueous)	SW-846 6010 D (Non-Aqueous)
CHROMIUM TOTAL		EPA 200.8, Rev. 5.4, 1994 (Aqueous)
	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	SW-846 6020 B (Aqueous)
	SW-846 6010 D (Aqueous)	SW-846 6020 B (Non-Aqueous)
	SW-846 6010 D (Non-Aqueous)	MAGNESIUM
	EPA 200.8, Rev. 5.4, 1994 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
	SW-846 6020 B (Aqueous)	SW-846 6010 D (Aqueous)
	SW-846 6020 B (Non-Aqueous)	SW-846 6010 D (Non-Aqueous)
COBALT		EPA 200.8, Rev. 5.4, 1994 (Aqueous)
	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	SW-846 6020 B (Aqueous)
	SW-846 6010 D (Aqueous)	SW-846 6020 B (Non-Aqueous)
	SW-846 6010 D (Non-Aqueous)	Mehlich 3 Extraction - SW-846 6010 D - Animal Waste only
	EPA 200.8, Rev. 5.4, 1994 (Aqueous)	MANGANESE
	SW-846 6020 B (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
	SW-846 6020 B (Non-Aqueous)	SW-846 6010 D (Aqueous)
COPPER		SW-846 6010 D (Non-Aqueous)

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EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Aqueous)
SW-846 6020 B (Non-Aqueous)

MERCURY

EPA 245.1, Rev. 3.0, 1994 (Aqueous)
SW-846 7470 A (Aqueous)
SW-846 7471 B (Non-Aqueous)

MOLYBDENUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6010 D (Aqueous)
SW-846 6010 D (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Aqueous)
SW-846 6020 B (Non-Aqueous)

NICKEL

EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6010 D (Aqueous)
SW-846 6010 D (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Aqueous)
SW-846 6020 B (Non-Aqueous)

PHOSPHORUS TOTAL - METALS

EPA 200.7, Rev. 4.4 (1994) (Aqueous)
SW-846 6010 D (Aqueous)
SW-846 6010 D (Non-Aqueous)

POTASSIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6010 D (Aqueous)
SW-846 6010 D (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Aqueous)
SW-846 6020 B (Non-Aqueous)

SELENIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)
SW-846 6010 D (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Aqueous)
SW-846 6020 B (Non-Aqueous)

SILVER

EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6010 D (Aqueous)
SW-846 6010 D (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Aqueous)
SW-846 6020 B (Non-Aqueous)

SODIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6010 D (Aqueous)
SW-846 6010 D (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Aqueous)
SW-846 6020 B (Non-Aqueous)

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)

THALLIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6010 D (Aqueous)
SW-846 6010 D (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Aqueous)
SW-846 6020 B (Non-Aqueous)

TIN

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

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CERTIFIED PARAMETERS

SW-846 6010 D (Aqueous)	SW-846 8151 A (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 8151 A (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	EDB & DBCP & TCP
SW-846 6020 B (Aqueous)	EPA 504.1, Rev. 1.1, 1995 (Aqueous)
SW-846 6020 B (Non-Aqueous)	SW-846 8011 (Does not include TCP) (Aqueous)
TITANIUM	EXTRACTABLE PETROLEUM HYDROCARBONS
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	MADEP, December 2019, Rev. 2.1 (Aqueous)
SW-846 6010 D (Aqueous)	MADEP, December 2019, Rev. 2.1 (Non-Aqueous)
SW-846 6010 D (Non-Aqueous)	NONHALOGENATED VOLATILE - ORGANICS
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	SW-846 8015 C (Aqueous)
SW-846 6020 B (Aqueous)	SW-846 8015 C (Non-Aqueous)
SW-846 6020 B (Non-Aqueous)	PESTICIDES - ORGANOCHLORINE
VANADIUM	EPA 608.3, Dec 2016 (Aqueous)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	SW-846 8081 B (Aqueous)
SW-846 6010 D (Aqueous)	SW-846 8081 B (Non-Aqueous)
SW-846 6010 D (Non-Aqueous)	POLYCHLORINATED BIPHENYLS (PCBs)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	EPA 608.3, Dec 2016 (Aqueous)
SW-846 6020 B (Aqueous)	SW-846 8082 A (Aqueous)
SW-846 6020 B (Non-Aqueous)	SW-846 8082 A (Non-Aqueous)
ZINC	SW-846 8082 A (Oil)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	POLYNUCLEAR AROMATIC HYDROCARBONS
SW-846 6010 D (Aqueous)	SW-846 8270 E (Aqueous)
SW-846 6010 D (Non-Aqueous)	PURGEABLE ORGANICS
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	EPA 624.1, Dec 2016 (Aqueous)
SW-846 6020 B (Aqueous)	SM 6200 B-2020 (Aqueous)
SW-846 6020 B (Non-Aqueous)	SW-846 8260 D (Aqueous)
Mehlich 3 Extraction - SW-846 6010 D - Animal Waste only	SW-846 8260 D (Non-Aqueous)
ORGANICS	TPH DIESEL RANGE ORGANICS
BASE NEUTRAL/ACID - ORGANICS	SW-846 8015 C (Aqueous)
EPA 625.1, Dec 2016 (Aqueous)	SW-846 8015 C (Non-Aqueous)
SW-846 8270 E (Aqueous)	TPH GASOLINE RANGE ORGANICS
SW-846 8270 E (Non-Aqueous)	SW-846 8015 C (Aqueous)
CHLORINATED ACID HERBICIDES	SW-846 8015 C (Non-Aqueous)
EPA 615, 1992 (Aqueous)	VOLATILE PETROLEUM HYDROCARBONS

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CERTIFIED PARAMETERS

MADEP, Feb 2018, Rev. 2.1 (Aqueous)

MADEP, Feb 2018, Rev. 2.1 (Non-Aqueous)