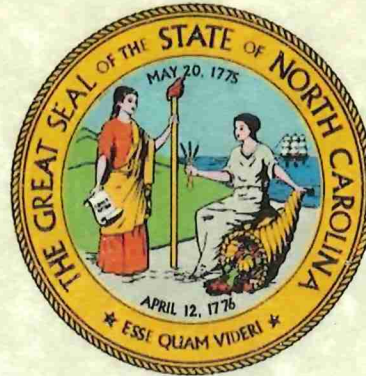


**DIVISION OF WATER RESOURCES  
LABORATORY CERTIFICATION BRANCH**

*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**

**Meritech Inc.**

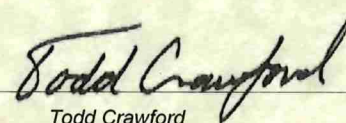
*Is hereby certified to perform environmental analysis as listed on the Laboratory's Certified Parameter List and report monitoring data to DEQ for compliance with NPDES effluent, surface water, groundwater, soil and pretreatment regulations.*

*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. 165

  
Todd Crawford

# North Carolina Wastewater/Groundwater Laboratory Certification

## Certified Parameters Listing

Lab Name: Meritech Inc.  
Address: 642 Tamco Rd  
Reidsville, NC 27320

Certificate Number: 165  
Effective Date: 1/1/2025  
Expiration Date: 12/31/2025  
Date of Last Amendment: 11/8/2024

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

<b>INORGANIC</b>	SW-846 1020 C (ASTM D8174-18) (Aqueous)
ALKALINITY	FLUORIDE
SM 2320 B-2021 (Aqueous)	SM 4500-F <sup>-</sup> C-2021 (Aqueous)
BACTERIA - COLIFORM FECAL	HARDNESS TOTAL - METALS
SM 9222 D-2015 (MF) (Aqueous)	SM 2340 B-2021 (Ca EPA 200.7, Rev. 4.4, 1994 + Mg EPA 200.7, Rev. 4.4, 1994) (Aqueous)
SM 9222 D-2015 (MF) (Biosolids - Class B Only)	HARDNESS TOTAL - WET CHEM
BACTERIA - COLIFORM TOTAL	SM 2340 C-2021 (Aqueous)
SM 9222 B-2015 (MF) (Aqueous)	IGNITABILITY
BOD	SW-846 1030 (Non-Aqueous)
SM 5210 B-2016 (Aqueous)	INORGANIC PHENOLS
CBOD	EPA 420.1, Rev. 1978 (Aqueous)
SM 5210 B-2016 (Aqueous)	MBAS
CHLORIDE	SM 5540 C-2021 (Aqueous)
SM 4500-Cl <sup>-</sup> B-2021 (Aqueous)	NITROGEN, AMMONIA
CHLORINE, TOTAL RESIDUAL	EPA 350.1, Rev. 2.0, 1993 (Aqueous)
SM 4500-Cl G-2011 (Aqueous)	NITROGEN, NITRATE
CHLOROPHYLL a	(NO <sub>3</sub> + NO <sub>2</sub> EPA 353.2, Rev. 2.0, 1993) - (NO <sub>2</sub> EPA 353.2, Rev. 2.0, 1993) (Aqueous)
EPA 445.0, Rev. 1.2 (Fluorometric) (Aqueous)	NITROGEN, NITRITE
COD	EPA 353.2, Rev. 2.0, 1993 (Aqueous)
EPA 410.4, Rev. 2.0, 1993 (Aqueous)	NITROGEN, NO <sub>3</sub> + NO <sub>2</sub>
COLOR, ADMI	EPA 353.2, Rev. 2.0, 1993 (Aqueous)
SM 2120 E-1993 (ADMI) (Aqueous)	NITROGEN, TOTAL KJELDAHL
CONDUCTIVITY	EPA 351.2, Rev. 2.0, 1993 (Aqueous)
SM 2510 B-2021 (Aqueous)	OIL & GREASE
CYANIDE	EPA 1664 Rev. B (Aqueous)
SM 4500-CN <sup>-</sup> E-2021 (Total) (Aqueous)	ORGANIC CARBON, TOTAL
SM 4500-CN <sup>-</sup> E-2021 (Total) (Non-Aqueous)	SM 5310 C-2014 (Aqueous)
SM 4500-CN <sup>-</sup> G-2021 (SM 4500-CN <sup>-</sup> E-2021) (Available) (Aqueous)	PAINT FILTER LIQUIDS
EPA 335.4, Rev. 1.0, 1993 (Total) (Aqueous)	SW-846 9095 B (Aqueous)
SW-846 9012 B (Total) (Aqueous)	SW-846 9095 B (Non-Aqueous)
SW-846 9012 B (Total) (Non-Aqueous)	pH
DISSOLVED OXYGEN	SM 4500-H+B-2021 (Aqueous)
SM 4500-O G-2021 (Aqueous)	PHOSPHATE, ORTHO
FLASH POINT	SM 4500-P E-2021 (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.

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### CERTIFIED PARAMETERS

PHOSPHORUS, TOTAL	EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)
EPA 200.7, Rev. 4.4 (1994) (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
EPA 200.7, Rev. 4.4 (1994) (Non-Aqueous)	ANTIMONY
RESIDUE, DISSOLVED 180 C	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SM 2540 C-2020 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)
RESIDUE, SETTLEABLE	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SM 2540 F-2020 (Aqueous)	ARSENIC
RESIDUE, SUSPENDED	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SM 2540 D-2020 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)
RESIDUE, TOTAL	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SM 2540 B-2020 (Aqueous)	BARIUM
SM 2540 G-2020 (Non-Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
RESIDUE, VOLATILE	EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)
SM 2540 G-2020 (Non-Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SM 2540 E-2020 (Aqueous)	BERYLLIUM
SALINITY	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SM 2520 B-2021 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)
SULFATE	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SM 4500-SO <sub>4</sub> <sup>2-</sup> E-2021 (Aqueous)	BORON
SW-846 9038 (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SULFIDE	CADMIUM
SM 4500-S <sup>2-</sup> D-2021 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SM 4500-S <sup>2-</sup> D-2021 (Non-Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)
TEMPERATURE	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SM 2550 B-2010 (Aqueous)	CALCIUM
TURBIDITY	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
EPA 180.1, Rev. 2.0, 1993 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)
VECTOR ATTRACTION REDUCTION: OPTION 3	CHROMIUM HEXAVALENT
Additional Digestion of Sludge	SM 3500-Cr B-2020 (Aqueous)
VECTOR ATTRACTION REDUCTION: OPTION 4	CHROMIUM TOTAL
Specific Oxygen Uptake Rate	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
<b>METAL</b>	EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)
ALUMINUM	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	COBALT

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### CERTIFIED PARAMETERS

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### COPPER

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### IRON

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### LEAD

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### MAGNESIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)

#### MANGANESE

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### MERCURY

EPA 245.1, Rev. 3.0, 1994 (Aqueous)  
SW-846 7471 B (Non-Aqueous)  
EPA 1631 E (Aqueous)

#### MOLYBDENUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### NICKEL

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### POTASSIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)

#### SELENIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### SILVER

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### SODIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)

#### THALLIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### TIN

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)

#### TITANIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### VANADIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### ZINC

EPA 200.7, Rev. 4.4, 1994 (Aqueous)  
EPA 200.7, Rev. 4.4, 1994 (Non-Aqueous)  
EPA 200.8, Rev. 5.4, 1994 (Aqueous)

#### ORGANIC

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### CERTIFIED PARAMETERS

#### BASE NEUTRAL/ACID, ORGANICS

EPA 625.1, Dec 2016 (Aqueous)

SW-846 8270 E (Aqueous)

SW-846 8270 E (Non-Aqueous)

#### EXTRACTABLE PETROLEUM HYDROCARBONS

MADEP, December 2019, Rev. 2.1 (Aqueous)

MADEP, December 2019, Rev. 2.1 (Non-Aqueous)

#### PURGEABLE, AROMATICS

EPA 602, 1984 (Aqueous)

#### PURGEABLE, ORGANICS

EPA 624.1, Dec 2016 (Aqueous)

SM 6200 B-2020 (Aqueous)

SW-846 8260 D (Aqueous)

#### TPH DIESEL RANGE, ORGANICS

SW-846 8015 C (Aqueous)

SW-846 8015 C (Non-Aqueous)

#### TPH GASOLINE RANGE, ORGANICS

SW-846 8015 C (Aqueous)

SW-846 8015 C (Non-Aqueous)

#### VOLATILE PETROLEUM HYDROCARBONS

MADEP, Feb 2018, Rev. 2.1 (Aqueous)

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