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:

2026

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.

This certificate shall be valid until 12/31/2026

Certificate No. 165

EPA Lab ID NC00136

Beth Swanson

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: 1/1/2026
Expiration Date: 12/31/2026
Date of Last Amendment: 12/2/2025

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

ALKALINITY
- SM 2320 B-2021 (Aqueous)

BROMIDE
- 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)

CHLORIDE
- EPA 300.0_Rev. 2.1 (1993) (Aqueous)
- EPA 300.0_Rev. 2.1 (1993) (Non-Aqueous)
- SM 4500-Cl^- B-2021 (Aqueous)
- SW-846 9056 A (Aqueous)
- SW-846 9056 A (Non-Aqueous)

CHLORINE, TOTAL RESIDUAL
- SM 4500-Cl G-2011 (Aqueous)

CHLOROPHYLL-a
- EPA 445.0_Rev. 1.2 (Aqueous)

COLIFORM, FECAL
- SM 9222 D-2015 (Aqueous)
- SM 9222 D-2015 (Biosolids - Class B Only)

COLIFORM, TOTAL
- SM 9222 B-2015 (Aqueous)

COLOR
- SM 2120 E-1993 (ADMI) (Aqueous)

CONDUCTIVITY
- SM 2510 B-2021 (Aqueous)

CYANIDE (AVAILABLE)
- SM 4500-CN^- E-2021 (SM 4500-CN^- G-2021) (Aqueous)

CYANIDE (TOTAL)
- EPA 335.4_Rev. 1.0 (1993) (Aqueous)
- SM 4500-CN^- E-2021 (Aqueous)
- SM 4500-CN^- E-2021 (Non-Aqueous)
- SW-846 9012 B (Aqueous)
- SW-846 9012 B (Non-Aqueous)

FLASH POINT
- SW-846 1020 C (D3278-78) (Aqueous)

FLUORIDE
- EPA 300.0_Rev. 2.1 (1993) (Aqueous)
- EPA 300.0_Rev. 2.1 (1993) (Non-Aqueous)
- SM 4500-F^- C-2021 (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
- 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)
- EPA 353.2, Rev. 2.0 (1993) (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)
- EPA 353.2, Rev. 2.0 (1993) (Aqueous)
- SW-846 9056 A (Aqueous)
- SW-846 9056 A (Non-Aqueous)

NITROGEN, NO3 + NO2
- EPA 353.2, Rev. 2.0 (1993) (Aqueous)

NITROGEN, TOTAL KJELDAHL
- EPA 351.2, Rev. 2.0 (1993) (Aqueous)

OIL & GREASE
- EPA 1664 Rev. B (Aqueous)

ORGANIC CARBON, TOTAL

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CERTIFIED PARAMETERS

SM 5310 C-2014 (Aqueous)
OXYGEN DEMAND, BIOCHEMICAL
SM 5210 B-2016 (Aqueous)
OXYGEN DEMAND, CARBONACEOUS 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 9045 D (Non-Aqueous)
PHENOLS,INORGANIC
EPA 420.1 (1978) (Aqueous)
PHOSPHATE, ORTHO
EPA 300.0, Rev. 2.1 (1993) (Aqueous)
EPA 300.0, Rev. 2.1 (1993) (Non-Aqueous)
SM 4500-P E-2021 (Aqueous)
SW-846 9056 A (Aqueous)
SW-846 9056 A (Non-Aqueous)
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 E-2020 (Aqueous)
SM 2540 G-2020 (Non-Aqueous)
SALINITY
SM 2520 B-2021 (Aqueous)
SULFATE
EPA 300.0_Rev. 2.1 (1993) (Aqueous)
EPA 300.0_Rev. 2.1 (1993) (Non-Aqueous)
SM 4500-SO_4^{2-} E-2021 (Aqueous)
SW-846 9038 (Aqueous)
SW-846 9056 A (Aqueous)
SW-846 9056 A (Non-Aqueous)
SULFIDE
SM 4500-S^{2-} D-2021 (Aqueous)
SM 4500-S^{2-} D-2021 (Non-Aqueous)
TEMPERATURE
SM 2550 B-2010 (Aqueous)
TURBIDITY
EPA 180.1_Rev. 2.0 (1993) (Aqueous)
VECTOR ATTRACTION REDUCTION
Option 3: Additional Digestion of Sludge (Non-Aqueous)
Option 4: Specific Oxygen Uptake Rate (Non-Aqueous)
METALS
ALUMINUM
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)
ANTIMONY
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)
ARSENIC
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)
BARIUM
EPA 200.7_Rev. 4.4 (1994) (Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Non-Aqueous)

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CERTIFIED PARAMETERS

EPA 200.8_Rev. 5.4 (1994) (Aqueous)
BERYLLIUM
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)
BORON
EPA 200.8_Rev. 5.4 (1994) (Aqueous)
CADMIUM
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)
CALCIUM
EPA 200.7_Rev. 4.4 (1994) (Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Non-Aqueous)
CHROMIUM, HEXAVALENT
SM 3500-Cr B-2020 (Aqueous)
CHROMIUM, TOTAL
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)
COBALT
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)
HARDNESS, TOTAL (METALS)
SM 2340 B-2021 (EPA 200.7_Rev. 4.4_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 1631 E (Aqueous)
EPA 245.1_Rev. 3.0 (1994) (Aqueous)
SW-846 7471 B (Non-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)
PHOSPHORUS, TOTAL (METALS)
EPA 200.7_Rev. 4.4 (1994) (Aqueous)
EPA 200.7_Rev. 4.4 (1994) (Non-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)

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CERTIFIED PARAMETERS

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)

ORGANICS

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_Rev. 2.1_(December 2019) (Aqueous)
MADEP_Rev. 2.1_(December 2019) (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_Rev. 2.1_(Feb 2018) (Aqueous)
MADEP_Rev. 2.1_(Feb 2018) (Non-Aqueous)

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