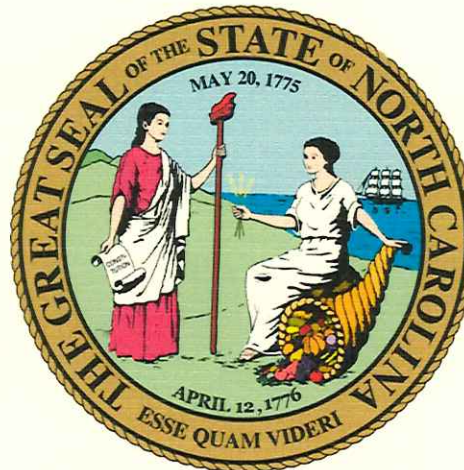


DIVISION OF WATER RESOURCES LABORATORY CERTIFICATION BRANCH

In accordance with the provisions of N.C.G.S. 143-215.3 (a) (1), 143-215.3 (a)(10) and NCAC 2H.0800:



2023

Microbac Laboratories, 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 12/31/2023

Certificate No. 11

A handwritten signature in black ink that reads "Todd Crawford".

Todd Crawford

North Carolina Wastewater/Groundwater Laboratory Certification

Certified Parameters Listing

Lab Name: Microbac Laboratories, Inc.
Address: 2592 Hope Mills Road
Fayetteville, NC 28306-

Certificate Number: 11
Effective Date: 1/1/2023
Expiration Date: 12/31/2023
Date of Last Amendment: 6/12/2023

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

INORGANIC

ALKALINITY

SM 2320 B-2011 (Aqueous)

BACTERIA - COLIFORM FECAL

SM 9222 D-2015 (MF) (Aqueous)

BACTERIA - E. coli

IDEXX Colilert® (24 hr) (MPN) (Aqueous)

BOD

SM 5210 B-2016 (Aqueous)

CBOD

SM 5210 B-2016 (Aqueous)

CHLORINE, TOTAL RESIDUAL

SM 4500 Cl G-2011 (Aqueous)

COD

SM 5220 D-2011 (Aqueous)

CONDUCTIVITY

SM 2510 B-2011 (Aqueous)

DISSOLVED OXYGEN

SM 4500 O G-2016 (Aqueous)

NITROGEN, AMMONIA

SM 4500 NH3 G-2011 (Aqueous)

NITROGEN, TOTAL KJELDAHL

EPA 351.2, Rev. 2.0, 1993 (Aqueous)

OIL & GREASE

EPA 1664 Rev. B (Aqueous)

pH

SM 4500 H+B-2011 (Aqueous)

PHOSPHORUS, TOTAL

SM 4500 P F-2011 (Aqueous)

RESIDUE, DISSOLVED 180 C

SM 2540 C-2015 (Aqueous)

RESIDUE, SETTLEABLE

SM 2540 F-2015 (Aqueous)

RESIDUE, SUSPENDED

SM 2540 D-2015 (Aqueous)

TEMPERATURE

SM 2550 B-2010 (Aqueous)

TURBIDITY

SM 2130 B-2011 (Aqueous)

METAL

CHROMIUM HEXAVALENT

SM 3500 Cr B-2011 (Aqueous)