

ATTACHMENT I

WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER AND WASTE MANAGEMENT

List of Certified Parameters
for

FREDERICKTOWNE LABS, INC.
MYERSVILLE, MARYLAND

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Alkalinity	SM2320 B-11	Titrimetric
Ammonia	EPA350.1 Rev 2.0-1993	Spectrophotometric
Ammonia	SM4500-NH3 B-11	Distillation
Ammonia	SM4500-NH3 D-11	ISE
Chloride	EPA300.0 Rev 2.1-1993	IC
Conductance, Specific	SM2510 B-11	Probe
Fluoride	EPA300.0 Rev 2.1-1993	IC
Hardness, Total	SM2340 B-11	Calculation
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	Calculation
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrogen, Total Kjeldahl (TKN)	EPA350.1 Rev 2.0-1993	Spectrophotometric
Oil & Grease	EPA1664 A	Gravimetric
Oxygen Demand, Biochemical (BOD)	SM5210 B-16	Probe
Oxygen Demand, Carbonaceous Biochemical (CBOD)	SM5210 B-16	Probe
Oxygen Demand, Chemical (COD)	HACH 8000	Spectrophotometric
Phosphorus, Ortho	EPA300.0 Rev 2.1-1993	IC
Phosphorus, Total	HACH 8190	Spectrophotometric
Solids, Dissolved	SM2540 C-15	Gravimetric
Solids, Settleable	SM2540 F-15	Imhoff Cone
Solids, Suspended	SM2540 D-15	Gravimetric
Sulfate	EPA300.0 Rev 2.1-1993	IC
Turbidity	EPA180.1 Rev 2.0-1993	Turbidimetric

NONPOTABLE WATER MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MPN)	Colilert 18	Multiple Well
E. Coli (MPN)	SM9223 B-16	Multiple Well
Heterotrophic Plate Count (HPC)	SM9215 E-04	SimPlate

This laboratory may test **ONLY** for those environmental parameters listed above for compliance reporting purposes. All testing must be by the test method cited in the current application for certification.

This Certification Expires October 31, 2023.

Certificate No 415

_____ Issued on October 31, 2022

Kelly Mayhew
Auditor

This certified parameter list supersedes all previously issued parameter lists for this certificate number.