

ATTACHMENT I

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

List of Certified Parameters  
for

**ACCULAB, INC.**  
**LOGAN, WEST VIRGINIA**

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acidity, Hot	SM2310 B(4a)-11	Titrimetric
Alkalinity	SM2320 B-11	Titrimetric
Ammonia	SM4500-NH3 B-11	Distillation
Ammonia	SM4500-NH3 C-11	Titrimetric
Chloride	HACH 8225	Titrimetric
Chlorine, Residual	HACH 8167	Spectrophotometric
Conductance, Specific	SM2510 B-11	Probe
Cyanide, Total	SM4500-CN C-11	Distillation
Cyanide, Total	SM4500-CN E-11	Spectrophotometric
Hardness, Total	SM2340 B-11	Calculation
Nitrate	SM4500-NO3 E-11	Calculation
Nitrate-Nitrite	SM4500-NO3 E-11	Spectrophotometric
Nitrite	SM4500-NO2 B-11	Spectrophotometric
Oil & Grease	EPA1664 A	Gravimetric
Oxygen Demand, Biochemical (BOD)	SM5210 B-11	Probe
Oxygen Demand, Chemical (COD)	HACH 8000	Spectrophotometric
Oxygen, Dissolved	SM4500-O G-11	Probe
pH (Hydrogen Ion)	SM4500-H B-11	Electrode
Phenolics, Total	EPA420.1 Rev 1978	Colorimetric
Phosphorus, Total	HACH 8190	Spectrophotometric
Silica	SM4500-SiO2 C-11	Spectrophotometric
Solids, Dissolved	USGS I-1750-85	Gravimetric
Solids, Settleable	SM2540 F-11	Imhoff
Solids, Suspended	USGS I-3765-85	Gravimetric
Sulfate	SM4500-SO4 E-11	Spectrophotometric
Temperature	SM2550 B-00	Thermometric
Turbidity	SM2130 B-11	Turbidimetric

NONPOTABLE WATER TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	EPA200.7 Rev 4.4-1994	ICP
Antimony	SM3113 B-10	GFAA
Arsenic	SM3113 B-10	GFAA
Beryllium	SM3113 B-10	GFAA
Cadmium	SM3113 B-10	GFAA
Calcium	EPA200.7 Rev 4.4-1994	ICP
Chromium	EPA200.7 Rev 4.4-1994	ICP
Chromium	SM3113 B-10	GFAA
Copper	EPA200.7 Rev 4.4-1994	ICP
Copper	SM3113 B-10	GFAA
Iron	EPA200.7 Rev 4.4-1994	ICP
Lead	SM3113 B-10	GFAA
Magnesium	EPA200.7 Rev 4.4-1994	ICP
Manganese	EPA200.7 Rev 4.4-1994	ICP
Mercury	EPA245.7 Rev 2.0-2005	CVAF
Nickel	EPA200.7 Rev 4.4-1994	ICP
Nickel	SM3113 B-10	GFAA
Potassium	EPA200.7 Rev 4.4-1994	ICP
Selenium	EPA200.7 Rev 4.4-1994	ICP
Selenium	SM3113 B-10	GFAA
Silver	EPA200.7 Rev 4.4-1994	ICP
Silver	SM3113 B-10	GFAA
Sodium	EPA200.7 Rev 4.4-1994	ICP
Thallium	SM3113 B-10	GFAA
Zinc	EPA200.7 Rev 4.4-1994	ICP

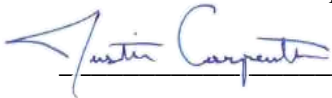
NONPOTABLE WATER MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MF)	SM9222 D-06	Membrane Filter

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 September 30, 2020.

Certificate No 062



Issued on October 01, 2019

Justin Carpenter  
QA Auditor

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