

North Carolina Wastewater/Groundwater Laboratory Certification

Certified Parameters Listing

Lab Name: Prism Laboratories Inc.
 Address: 449 Springbrook Road
 Charlotte, NC 28217

Certificate Number: 402
 Effective Date: 1/1/2018
 Expiration Date: 12/31/2018
 Date of Last Amendment: 12/19/2017

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

<p>INORGANIC</p> <p>ACIDITY SM 2310 B-2011(Aqueous)</p> <p>ALKALINITY SM 2320 B-2011 (Aqueous)</p> <p>BACTERIA - COLIFORM FECAL BACTERIA - COLIFORM FECAL SM 9222 D-2006 (MF) (Aqueous) SM 9222 D-2006 (MF) 24hr 503 (Non-Aqueous) SM 9221C E-2006 (MPN) (Aqueous) SM 9221C E-2006 (MPN) 24hr 503 (Non-Aqueous)</p> <p>BACTERIA - COLIFORM TOTAL SM 9222 B-2006 (MF) (Aqueous)</p> <p>BOD SM 5210 B-2011 (Aqueous)</p> <p>CBOD SM 5210 B-2011 (Aqueous)</p> <p>CHLORIDE 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)</p> <p>CHLORINE, TOTAL RESIDUAL SM 4500 Cl G-2011 (Aqueous)</p> <p>COD SM 5220 D-2011 (Aqueous) Hach 8000 (Aqueous)</p> <p>COLOR, PC SM 2120 B-2011 (PtCo) (Aqueous)</p> <p>CONDUCTIVITY EPA 120.1, Rev. 1982 (Aqueous) SM 2510 B-2011 (Aqueous) SW-846 9050 A (Aqueous)</p> <p>CYANIDE SW-846 9014 (Total) (Colorimetric) (Aqueous)</p>	<p>SW-846 9014 (Total) (Colorimetric) (Non-Aqueous)</p> <p>SM 4500 CN⁻ E-2011 (Total) (Aqueous)</p> <p>DISSOLVED OXYGEN SM 4500 O G-2011 (Aqueous)</p> <p>FLUORIDE 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)</p> <p>HARDNESS TOTAL SM 2340 B-2011 (Ca EPA 200.7, Rev. 4.4, 1994 + Mg EPA 200.7, Rev. 4.4, 1994) (Aqueous) SM 2340 C-2011 (Aqueous)</p> <p>IGNITABILITY SW-846 1030 (Non-Aqueous)</p> <p>INORGANIC PHENOLS EPA 420.1, Rev. 1978 (Aqueous) SW-846 9065 (Aqueous)</p> <p>MBAS SM 5540 C-2011 (Aqueous)</p> <p>NITROGEN, AMMONIA EPA 350.1, Rev. 2.0, 1993 (Aqueous) SM 4500 NH₃ G-2011 (Aqueous) SM 4500 NH₃ C-2011 (Aqueous) SM 4500 NH₃ C-2011 (Non-Aqueous)</p> <p>NITROGEN, NITRATE (NO₃ + NO₂ EPA 353.2, Rev. 2.0, 1993) - (NO₂ SM 4500-NO₂⁻ B-2011) (Aqueous) 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)</p> <p>NITROGEN, NITRITE SM 4500-NO₂⁻ B-2011 (Automated) (Aqueous) EPA 300.0, Rev. 2.1, 1993 (Aqueous) EPA 300.0, Rev. 2.1, 1993 (Non-Aqueous) SW-846 9056 A (Aqueous)</p>
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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

SW-846 9056 A (Non-Aqueous)
 NITROGEN, NO3 + NO2
 EPA 353.2, Rev. 2.0, 1993 (Aqueous)
 SM 4500 NO3⁻ F-2011 (Aqueous)
 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)
 NITROGEN, TOTAL KJELDAHL
 EPA 351.2, Rev. 2.0, 1993 (Aqueous)
 OIL & GREASE
 EPA 1664 Rev. B (Aqueous)
 SW-846 9071 B (Non-Aqueous)
 PAINT FILTER LIQUIDS
 SW-846 9095B
 pH
 SM 4500 H+B-2011 (Aqueous)
 SW-846 9040 C (Aqueous)
 SW-846 9045 D (Non-Aqueous)
 PHOSPHATE, ORTHO
 SM 4500 P E-2011 (Aqueous)
 PHOSPHORUS, TOTAL
 SM 4500 P F-2011 (Aqueous)
 SM 4500 P E-2011 (Aqueous)
 EPA 365.1, Rev. 2.0, 1993 (Aqueous)
 RESIDUE, DISSOLVED 180 C
 SM 2540 C-2011 (Aqueous)
 RESIDUE, SETTLEABLE
 SM 2540 F-2011 (Aqueous)
 RESIDUE, SUSPENDED
 SM 2540 D-2011 (Aqueous)
 RESIDUE, TOTAL
 SM 2540 B-2011 (Aqueous)
 SILICA
 EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)
 SULFATE
 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)
 SULFIDE
 SM 4500 S²⁻ F-2011 (Aqueous)
 TEMPERATURE
 SM 2550 B-2010 (Aqueous)
 TURBIDITY
 EPA 180.1, Rev. 2.0, 1993 (Aqueous)
 SM 2130 B-2011 (Aqueous)
METAL
 SPLP METALS
 SW-846 1312 (Aqueous)
 SW-846 1312 (Non-Aqueous)
 TCLP METALS
 SW-846 1311 (Aqueous)
 SW-846 1311 (Non-Aqueous)
 ALUMINUM
 EPA 200.7, Rev. 4.4, 1994 (Aqueous)
 SW-846 6010 D (Aqueous)
 SW-846 6010 D (Non-Aqueous)
 EPA 200.8, Rev. 5.4, 1994 (Aqueous)
 SW-846 6020 B (Aqueous)
 SW-846 6020 B (Non-Aqueous)
 ANTIMONY
 EPA 200.7, Rev. 4.4, 1994 (Aqueous)
 SW-846 6010 D (Aqueous)
 SW-846 6010 D (Non-Aqueous)
 EPA 200.8, Rev. 5.4, 1994 (Aqueous)
 SW-846 6020 B (Aqueous)
 SW-846 6020 B (Non-Aqueous)
 ARSENIC

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CERTIFIED PARAMETERS

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

BARIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

BERYLLIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

BORON

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

CADMIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

CALCIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

CHROMIUM HEXVALENT

SM 3500-Cr-B-2011 (Aqueous)

SW-846 7196 A (Aqueous)

SW-846 7196 A (Non-Aqueous)

CHROMIUM TOTAL

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

COBALT

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

COPPER

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

IRON

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

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LEAD	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
	SW-846 6010 D (Aqueous)	SW-846 6010 D (Aqueous)
	SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Non-Aqueous)
	EPA 200.8, Rev. 5.4, 1994 (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
	SW-846 6020 B (Aqueous)	SW-846 6020 B (Aqueous)
	SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
MAGNESIUM	POTASSIUM	
	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
	SW-846 6010 D (Aqueous)	SW-846 6010 D (Aqueous)
	SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Non-Aqueous)
	SW-846 6020 B (Aqueous)	SW-846 6020 B (Aqueous)
	SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
MANGANESE	SELENIUM	
	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
	SW-846 6010 D (Aqueous)	SW-846 6010 D (Aqueous)
	SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Non-Aqueous)
	EPA 200.8, Rev. 5.4, 1994 (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
	SW-846 6020 B (Aqueous)	SW-846 6020 B (Aqueous)
	SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
MERCURY	SILVER	
	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
	SW-846 6010 D (Aqueous)	SW-846 6010 D (Aqueous)
	SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Non-Aqueous)
	EPA 200.8, Rev. 5.4, 1994 (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
	SW-846 6020 B (Aqueous)	SW-846 6020 B (Aqueous)
	SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
MOLYBDENUM	SODIUM	
	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
	SW-846 6010 D (Aqueous)	SW-846 6010 D (Aqueous)
	SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Non-Aqueous)
	SW-846 6020 B (Aqueous)	SW-846 6020 B (Aqueous)
	SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
NICKEL	STRONTIUM	
	EPA 200.7, Rev. 4.4, 1994 (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
	SW-846 6010 D (Aqueous)	SW-846 6010 D (Aqueous)

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SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

THALLIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

TIN

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

TITANIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

VANADIUM

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

ZINC

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

SW-846 6010 D (Aqueous)

SW-846 6010 D (Non-Aqueous)

EPA 200.8, Rev. 5.4, 1994 (Aqueous)

SW-846 6020 B (Aqueous)

SW-846 6020 B (Non-Aqueous)

ORGANIC

SPLP ORGANICS

SW-846 1312 (Aqueous)

SW-846 1312 (Non-Aqueous)

TCLP ORGANICS

SW-846 1311 (Aqueous)

SW-846 1311 (Non-Aqueous)

1,2, DIBROMOETHANE (EDB)

EPA 504.1 (Includes DBCP & TCP) (Aqueous)

SW-846 8011 (Includes DBCP) (Aqueous)

BASE NEUTRAL/ACID, ORGANICS

EPA 625 (Aqueous)

SW-846 8270 D (Aqueous)

SW-846 8270 D (Non-Aqueous)

EXTRACTABLE PETROLEUM HYDROCARBONS

MADEP, May 2004, Rev. 1.1 (Aqueous)

MADEP, May 2004, Rev. 1.1 (Non-Aqueous)

NONHALOGENATED VOLATILE, ORGANICS

SW-846 8015 C (Aqueous)

SW-846 8015 C (Non-Aqueous)

PESTICIDES, ORGANOCHLORINE

EPA 608 (Aqueous)

SW-846 8081 B (Aqueous)

SW-846 8081 B (Non-Aqueous)

POLYCHLORINATED BIPHENYLS (PCBs)

EPA 608 (Aqueous)

SW-846 8082 A (Aqueous)

SW-846 8082 A (Non-Aqueous)

PURGEABLE, ORGANICS

EPA 624 (Aqueous)

SM 6200 B-1997 (Aqueous)

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CERTIFIED PARAMETERS

SW-846 8260 B (Aqueous)

SW-846 8260 B (Non-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, May 2004, Rev. 1.1 (Aqueous)

MADEP, May 2004, Rev. 1.1 (Non-Aqueous)