

North Carolina Wastewater/Groundwater Laboratory Certification

Certified Parameters Listing

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

Certificate Number: 402
Effective Date: 1/1/2017
Expiration Date: 12/31/2017
Date of Last Amendment: 10/13/2017

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

INORGANIC

ACIDITY

SM 2310 B-1997, Rev. 2011 (Aqueous)

ALKALINITY

SM 2320 B-1997, Rev. 2011 (Aqueous)

BACTERIA - COLIFORM FECAL

SM 9222 D-1997 (MF) (Aqueous)

SM 9222 D-1997 (MF) 24hr 503 (Non-Aqueous)

SM 9221C E-2006 (MPN) (Aqueous)

SM 9221C E-2006 (MPN) 24hr 503 (Non-Aqueous)

BACTERIA - COLIFORM TOTAL

SM 9222 B-1997 (MF) (Aqueous)

BOD

SM 5210 B-2001 (Aqueous)

CBOD

SM 5210 B-2001, Rev. 2011 (Aqueous)

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)

CHLORINE, TOTAL RESIDUAL

SM 4500 Cl G-2000, Rev. 2011 (Aqueous)

COD

SM 5220 D-1997, Rev. 2011 (Aqueous)

Hach 8000 (Aqueous)

COLOR, PC

SM 2120 B-2001, Rev. 2011 (PtCo) (Aqueous)

CONDUCTIVITY

EPA 120.1, Rev. 1982 (Aqueous)

SM 2510 B-1997, Rev. 2011 (Aqueous)

SW-846 9050 A (Aqueous)

CYANIDE

SW-846 9014 (Total) (Colorimetric) (Aqueous)

SW-846 9014 (Total) (Colorimetric) (Non-Aqueous)

SM 4500 CN⁻ E-1999, Rev. 2011 (Total) (Aqueous)

DISSOLVED OXYGEN

SM 4500 O G-2001, Rev 2011 (Aqueous)

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)

HARDNESS TOTAL

SM 2340 B-1997, Rev.2011(Ca EPA 200.7, Rev. 4.4,1994+Mg EPA 200.7, Rev. 4.4,1994) (Aqueous)

SM 2340 C-1997, Rev. 2011 (Aqueous)

IGNITABILITY

SW-846 1030 (Non-Aqueous)

INORGANIC PHENOLS

EPA 420.1, Rev. 1978 (Aqueous)

SW-846 9065 (Aqueous)

MBAS

SM 5540 C-2000, Rev. 2011 (Aqueous)

NITROGEN, AMMONIA

EPA 350.1, Rev. 2.0, 1993 (Aqueous)

SM 4500 NH₃ G-1997, Rev. 2011 (Aqueous)

SM 4500 NH₃ C-1997 (Non-Aqueous)

SM 4500 NH₃ C-1997, Rev. 2011 (Aqueous)

NITROGEN, NITRATE

(NO₃ + NO₂ EPA 353.2, Rev. 2.0, 1993) - (NO₂ SM 4500-NO₂⁻ B-2000) (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, NITRITE

SM 4500-NO₂⁻ B-2000, Rev. 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)

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NITROGEN, NO3 + NO2

EPA 353.2, Rev. 2.0, 1993 (Aqueous)
SM 4500 NO3⁻ F-2000, Rev. 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-2000, Rev. 2011 (Aqueous)
SW-846 9040 C (Aqueous)
SW-846 9045 D (Non-Aqueous)

PHOSPHATE, ORTHO

SM 4500 P E-1999, Rev. 2011 (Aqueous)

PHOSPHORUS, TOTAL

SM 4500 P F-1999, Rev. 2011 (Aqueous)
SM 4500 P E-1999, Rev. 2011 (Aqueous)
EPA 365.1, Rev. 2.0, 1993 (Aqueous)

RESIDUE, DISSOLVED 180 C

SM 2540 C-1997, Rev. 2011 (Aqueous)

RESIDUE, SETTLEABLE

SM 2540 F-1997, Rev. 2011 (Aqueous)

RESIDUE, SUSPENDED

SM 2540 D-1997, Rev. 2011 (Aqueous)

RESIDUE, TOTAL

SM 2540 B-1997, Rev. 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-2000, Rev. 2011 (Aqueous)

TEMPERATURE

SM 2550 B-2000 (Aqueous)

TURBIDITY

EPA 180.1, Rev. 2.0, 1993 (Aqueous)
SM 2130 B-2001, Rev. 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

EPA 200.7, Rev. 4.4, 1994 (Aqueous)

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SW-846 6010 D (Aqueous)	SW-846 6020 B (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	CHROMIUM HEXAVALENT
SW-846 6020 B (Aqueous)	SM 3500-Cr-B-2009 (Aqueous)
SW-846 6020 B (Non-Aqueous)	SW-846 7196 A (Aqueous)
BARIUM	SW-846 7196 A (Non-Aqueous)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	CHROMIUM TOTAL
SW-846 6010 D (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	SW-846 6010 D (Non-Aqueous)
SW-846 6020 B (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Aqueous)
BERYLLIUM	SW-846 6020 B (Non-Aqueous)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	COBALT
SW-846 6010 D (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	SW-846 6010 D (Non-Aqueous)
SW-846 6020 B (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6020 B (Non-Aqueous)	SW-846 6020 B (Aqueous)
BORON	SW-846 6020 B (Non-Aqueous)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	COPPER
SW-846 6010 D (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6010 D (Aqueous)
CADMIUM	SW-846 6010 D (Non-Aqueous)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6010 D (Aqueous)	SW-846 6020 B (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	IRON
SW-846 6020 B (Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
SW-846 6020 B (Non-Aqueous)	SW-846 6010 D (Aqueous)
CALCIUM	SW-846 6010 D (Non-Aqueous)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6010 D (Aqueous)	SW-846 6020 B (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	LEAD

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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)	POTASSIUM
MAGNESIUM	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)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	SW-846 6020 B (Non-Aqueous)
SW-846 6020 B (Aqueous)	SELENIUM
SW-846 6020 B (Non-Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
MANGANESE	SW-846 6010 D (Aqueous)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	SW-846 6010 D (Non-Aqueous)
SW-846 6010 D (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 6010 D (Non-Aqueous)	SW-846 6020 B (Aqueous)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	SW-846 6020 B (Non-Aqueous)
SW-846 6020 B (Aqueous)	SILVER
SW-846 6020 B (Non-Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
MERCURY	SW-846 6010 D (Aqueous)
EPA 245.1, Rev. 3.0, 1994 (Aqueous)	SW-846 6010 D (Non-Aqueous)
SW-846 7470 A (Aqueous)	EPA 200.8, Rev. 5.4, 1994 (Aqueous)
SW-846 7470 A (Non-Aqueous)	SW-846 6020 B (Aqueous)
SW-846 7471 B (Non-Aqueous)	SW-846 6020 B (Non-Aqueous)
EPA 1631 E (Aqueous)	SODIUM
MOLYBDENUM	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)
EPA 200.8, Rev. 5.4, 1994 (Aqueous)	SW-846 6020 B (Non-Aqueous)
SW-846 6020 B (Aqueous)	STRONTIUM
SW-846 6020 B (Non-Aqueous)	EPA 200.7, Rev. 4.4, 1994 (Aqueous)
NICKEL	SW-846 6010 D (Aqueous)
EPA 200.7, Rev. 4.4, 1994 (Aqueous)	SW-846 6010 D (Non-Aqueous)

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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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)
SW-846 8260 B (Aqueous)

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CERTIFIED PARAMETERS

- 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)