

STATE OF NORTH CAROLINA DEPARTMENT OF THE
ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WATER QUALITY LABORATORY CERTIFICATION PROGRAM

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



2011

MITKEM LABORATORIES, A DIVISION OF SPECTRUM ANALYTICAL INC.

Is hereby certified to perform environmental analysis as listed on Attachment I and report monitoring data to DWQ for compliance with NPDES effluent, surface water, groundwater, 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 December 31, 2011

Certificate No

581


J. Kent Wiggins

Attachment I
North Carolina Wastewater/Groundwater Laboratory Certification
Certified Parameters Listing

Lab Name: Mitkem Laboratories, a division of Spectrum An
 Address: 175 Metro Center Boulevard
 Warwick, RI 02886-1755

Certificate Number: 581
 Effective Date: 01/01/2011
 Expiration Date: 12/31/2011
 Date of Last Amendment:

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

INORGANICS	LEAD
ALKALINITY	EPA Method 200.7
Std Method 2320B	SW846 Method 6010C
CHLORIDE	MERCURY
EPA Method 300	EPA Method 245.1
CYANIDE	SW846 Method 7470A
EPA Method 335.4 (Total)	SW846 Method 7471B
SW846 Method 9012B (Total)	NICKEL
NO₂ + NO₃ NITROGEN	EPA Method 200.7
EPA Method 353.2	SW846 Method 6010C
NITRATE NITROGEN	SELENIUM
EPA Method 300	EPA Method 200.7
Nitrate-nitrite N minus Nitrite N	SW846 Method 6010C
NITRITE NITROGEN	SILVER
Std Method 4500 NO ₂ B	EPA Method 200.7
EPA Method 300	SW846 Method 6010C
SULFATE	THALLIUM
Std Method 426C 15th Ed	EPA Method 200.7
EPA Method 300	SW846 Method 6010C
SULFIDE	ZINC
Std Method 4500 S D	EPA Method 200.7
TOTAL ORGANIC CARBON	SW846 Method 6010C
Std Method 5310B	ORGANICS
METALS	ORGANOCHLORINE PESTICIDES
ANTIMONY	SW846 Method 8081B
EPA Method 200.7	POLYCHLORINATED BIPHENYLS (PCB's)
SW846 Method 6010C	SW846 Method 8082A
ARSENIC	PURGEABLE ORGANICS
EPA Method 200.7	SW846 Method 8260B
SW846 Method 6010C	BASE NEUTRAL/ACID ORGANICS
BARIUM	SW846 Method 8270D
EPA Method 200.7	EXTRACTABLE PETROLEUM
SW846 Method 6010C	HYDROCARBONS
BERYLLIUM	Massachusetts Method
EPA Method 200.7	VOLATILE PETROLEUM
SW846 Method 6010C	HYDROCARBONS
CADMIUM	Massachusetts Method
EPA Method 200.7	
SW846 Method 6010C	
CHROMIUM TOTAL	
EPA Method 200.7	
SW846 Method 6010C	
COPPER	
EPA Method 200.7	
SW846 Method 6010C	
IRON	
EPA Method 200.7	
SW846 Method 6010C	

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.