

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:*



# 2012

## COLUMBIA ANALYTICAL SERVICES

*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, 2012*

Certificate No

676

*J. Kent Wiggins*  
J. Kent Wiggins

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

Lab Name: Columbia Analytical Services  
Address: 1565 Jefferson Road  
Building 300, Suite 360  
Rochester, NY 14623-

Certificate Number: 676  
Effective Date: 01/09/2012  
Expiration Date: 12/31/2012  
Date of Last Amendment: 01/09/2012

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**

<b>INORGANICS</b>	EPA Method 1631E
<b>COD</b>	SW846 Method 7470A
EPA Method 410.4	SW846 Method 7471B
<b>CHLORIDE</b>	<b>ZINC</b>
Std Method 4500 Cl E	EPA Method 200.7
EPA Method 300	<b>ORGANICS</b>
SW846 Method 9056A	<b>ORGANOCHLORINE PESTICIDES</b>
<b>CYANIDE</b>	SW846 Method 8081B
EPA Method 335.4 (Total)	<b>POLYCHLORINATED BIPHENYLS (PCB's)</b>
SW846 Method 9012B (Total)	SW846 Method 8082A
<b>HARDNESS TOTAL</b>	<b>NITROAROMATICS &amp; NITRAMINES</b>
Std Method 2340C	SW846 Method 8330A
EPA Method 200.7	<b>PURGEABLE ORGANICS</b>
<b>IGNITABILITY</b>	EPA Method 624
SW846 Method 1010A	SW846 Method 8260B
<b>AMMONIA NITROGEN</b>	<b>BASE NEUTRAL/ACID ORGANICS</b>
EPA Method 350.1	SW846 Method 8270D
<b>TOTAL KJELDAHL NITROGEN</b>	<b>CHLORINATED ACID HERBICIDES</b>
EPA Method 351.2	SW846 Method 8151A
<b>NO2 + NO3 NITROGEN</b>	<b>TPH DIESEL RANGE ORGANICS</b>
EPA Method 353.2	SW846 Method 8015C
<b>NITRITE NITROGEN</b>	<b>TPH GASOLINE RANGE ORGANICS</b>
EPA Method 353.2	SW846 Method 8015C
<b>TOTAL PHOSPHORUS</b>	
EPA Method 365.1	
<b>OIL &amp; GREASE</b>	
EPA Method 1664 Rev A	
<b>INORGANIC PHENOLS</b>	
EPA Method 420.4	
<b>RESIDUE DISSOLVED 180 C</b>	
Std Method 2540C	
<b>SULFATE</b>	
EPA Method 300	
SW846 Method 9056A	
<b>SULFIDE</b>	
Std Method 4500 S F	
SW846 Method 9034	
<b>TOTAL ORGANIC CARBON</b>	
Std Method 5310C	
SW846 Method 9060A	
<b>METALS</b>	
<b>CHROMIUM HEXAVALENT</b>	
Std Method 3500 Cr B 20th Ed	
SW846 Method 7196A	
EPA Method 218.6	
SW846 Method 7199	
<b>MERCURY</b>	
EPA Method 245.1	

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.