

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

Lab Name: Analytics Corporation  
 Address: 10329 Stony Run Lane  
 Ashland, VA 23005-

Certificate Number: 459  
 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**

<b>INORGANICS</b>	EPA Method 200.8	<b>THALLIUM</b>
BOD	ANTIMONY	EPA Method 200.7
Std Method 5210B	EPA Method 200.7	EPA Method 200.8
COD	EPA Method 200.8	<b>VANADIUM</b>
EPA Method 410.4	<b>ARSENIC</b>	EPA Method 200.7
CHLORIDE	EPA Method 200.7	EPA Method 200.8
EPA Method 300	EPA Method 200.8	<b>ZINC</b>
COLOR PC	<b>BARIUM</b>	EPA Method 200.7
Std Method 2120B (PtCo)	EPA Method 200.7	EPA Method 200.8
CONDUCTIVITY	EPA Method 200.8	<b>TCLP METALS</b>
EPA Method 120.1	<b>BERYLLIUM</b>	SW846 Method 1311
CYANIDE	EPA Method 200.7	<b>ORGANICS</b>
Std Method 4500 CN E (Total)	EPA Method 200.8	<b>ORGANOCHLORINE PESTICIDES &amp; PCBs</b>
FLUORIDE	<b>CADMIUM</b>	EPA Method 608
EPA Method 300	EPA Method 200.7	<b>ORGANOCHLORINE PESTICIDES</b>
HARDNESS TOTAL	EPA Method 200.8	SW846 Method 8081B
Std Method 2340C	<b>CALCIUM</b>	<b>POLYCHLORINATED BIPHENYLS (PCB's)</b>
EPA Method 200.7	EPA Method 200.7	SW846 Method 8082A
NO <sub>2</sub> + NO <sub>3</sub> NITROGEN	<b>CHROMIUM TOTAL</b>	<b>POLYNUCLEAR AROMATIC HYDROCARBONS</b>
Std Method 4500 NO <sub>3</sub> F	EPA Method 200.7	EPA Method 610
EPA Method 300	EPA Method 200.8	SW846 Method 8100
NITRATE NITROGEN	<b>COBALT</b>	<b>PURGEABLE ORGANICS</b>
EPA Method 300	EPA Method 200.7	EPA Method 624
TOTAL PHOSPHORUS	EPA Method 200.8	SW846 Method 8260B
EPA Method 365.3	<b>COPPER</b>	<b>BASE NEUTRAL/ACID ORGANICS</b>
ORTHOPHOSPHATE	Std Method 3113B	EPA Method 625
EPA Method 300	EPA Method 200.7	SW846 Method 8270D
OIL & GREASE	EPA Method 200.8	<b>TPH DIESEL RANGE ORGANICS</b>
EPA Method 1664 Rev A	<b>IRON</b>	SW846 Method 8015C
pH	EPA Method 200.7	<b>TPH GASOLINE RANGE ORGANICS</b>
Std Method 4500 H B	<b>LEAD</b>	SW846 Method 8015C
RESIDUE SETTLEABLE	Std Method 3113B	<b>1,2, DIBROMOETHANE (EDB)</b>
Std Method 2540F	EPA Method 200.7	EPA Method 504.1 (Includes DBCP & TCP)
RESIDUE TOTAL	EPA Method 200.8	SW846 Method 8011 (Includes DBCP)
Std Method 2540B	<b>MAGNESIUM</b>	<b>TCLP ORGANICS</b>
RESIDUE DISSOLVED 180 C	EPA Method 200.7	SW846 Method 1311
Std Method 2540C	<b>MANGANESE</b>	
RESIDUE SUSPENDED	EPA Method 200.7	
Std Method 2540D	EPA Method 200.8	
SULFATE	<b>MERCURY</b>	
EPA Method 300	EPA Method 245.2	
TOTAL ORGANIC CARBON	<b>NICKEL</b>	
Std Method 5310C	EPA Method 200.7	
TURBIDITY	EPA Method 200.8	
EPA Method 180.1	<b>SELENIUM</b>	
<b>METALS</b>	EPA Method 200.7	
ALUMINUM	EPA Method 200.8	
EPA Method 200.7	<b>SILVER</b>	
	EPA Method 200.7	

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.