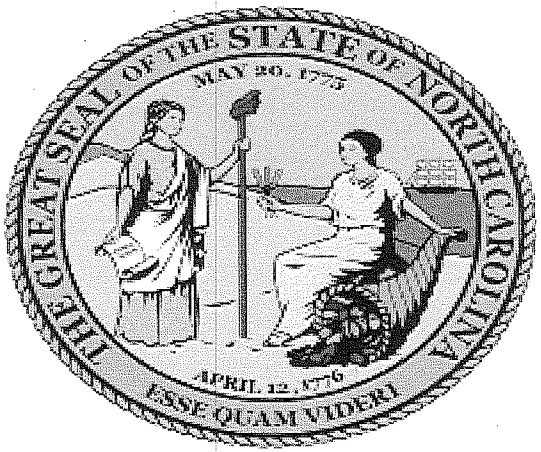
STATE OF NORTH CAROLINA DEPARTMENT OF THE
ENVIRONMENT AND NATURAL RESOURCES

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:



2013

US GEOLOGICAL SURVEY NATIONAL WATER QUALITY LABORATORY

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, 2013

Certificate No. *664*

J. Kent Wiggins

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

Lab Name: US Geological Survey National Water Quality L
Address: PO Box 25585
Bldg. 95, Denver Federal Center
Denver, CO 80225-0585

Certificate Number: 664
Effective Date: 01/01/2013
Expiration Date: 12/31/2013
Date of Last Amendment: 01/11/2013

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

CHLORIDE
USGS 1-2057-90 (Aqueous)

CHLOROPHYLL a
EPA 445.0, Rev. 1.2 (Fluorometric) (Aqueous)

TOTAL KJELDAHL NITROGEN
USGS I-4515-91 (Aqueous)

TOTAL PHOSPHORUS
USGS I-4610-91 (Aqueous)

METALS

ALUMINUM
USGS I-4471-97 (Aqueous)

ARSENIC
USGS 1-4020-05 (Aqueous)

CADMIUM
USGS I-4471-97 (Aqueous)

CHROMIUM TOTAL
USGS 1-4020-05 (Aqueous)

COPPER
USGS 1-4020-05 (Aqueous)

IRON
USGS I-4471-97 (Aqueous)

LEAD
USGS I-4472-97 (Aqueous)

MANGANESE
USGS I-4471-97 (Aqueous)

MERCURY
USGS 1-4464-01 (Aqueous)

MOLYBDENUM
USGS I-4471-97 (Aqueous)

NICKEL
USGS 1-4471-97 (Aqueous)

SELENIUM
USGS 1-4020-05 (Aqueous)

SILVER
USGS I-4471-97 (Aqueous)

ZINC
USGS 1-4471-97 (Aqueous)

This certification requires maintance 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.