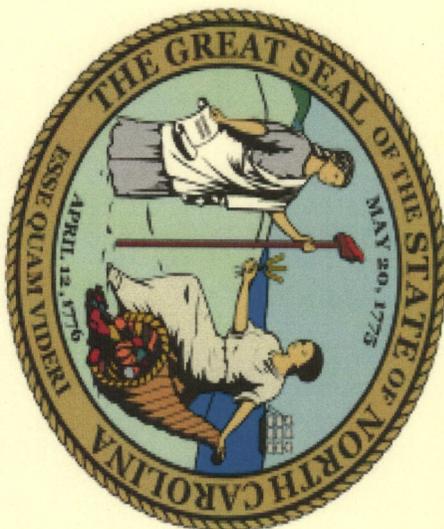


STATE OF NORTH CAROLINA DEPARTMENT OF THE  
ENVIRONMENT AND NATURAL RESOURCES

## 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

## 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.*

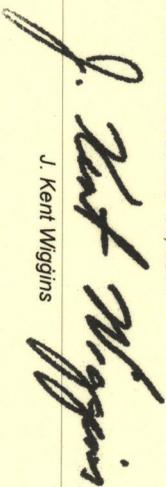
*By reference 15A NCAC 2H .0800 is made a part of this certificate.*

*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, 2011*

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  
Denver, CO 80225-0585

Certificate Number: 664  
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**

CHLOROPHYLL  
EPA Method 445.0  
TOTAL KJELDAHL NITROGEN  
USGS Method I-4515-91  
TOTAL PHOSPHORUS  
USGS Method I-4610-91

**METALS**

ALUMINUM  
USGS Method I-4471-97  
CADMIUM  
USGS Method I-4471-97  
IRON  
USGS Method I-4471-97  
LEAD  
USGS Method I-4472-97  
MANGANESE  
USGS Method I-4471-97  
MOLYBDENUM  
USGS Method I-4471-97  
SILVER  
USGS Method I-4471-97