

State of North Carolina
Department of Environment and Natural Resources
Division of Water Quality
WATERSHED CLASSIFICATION ATTACHMENT
(FORM: WSCA 08-13)

(THIS FORM MAY BE PHOTOCOPIED FOR USE AS AN ORIGINAL)

The Division of Water Resources will not accept this attachment form unless all the instructions are followed. Failure to submit all required items will lead to additional processing and review time.

For more information, visit our web site at: <http://portal.ncdenr.org/web/wq/aps/lau>.

INSTRUCTIONS TO THE APPLICANT:

A. Attachment Form:

- ✓ **Do not submit this attachment form for review without a corresponding program application form.**
- ✓ Any changes to this attachment form will result in the application package being returned.

B. Prepare the attachment form with the requested information for each land application site.

- ✓ Additional copies of Page 5 of 5 of this attachment form may be used if necessary.
- ✓ Use a portion of an 8.5-inch by 11-inch copy of the portion of a 7.5-minute USGS Topographic Map to identify the location where the residuals program activities are planned to occur as well as the closest downslope surface waters as clearly as possible. Each map portion must be labeled with the map name and number, the identified location, and be of clear and reproducible quality.
- ✓ Latitudes and longitudes must be reported as being based on either the NAD 27 or the NAD 83 data systems.
- ✓ Acceptable methods of determining location latitudes and longitudes and their corresponding codes are as follows:

- | | |
|--|---|
| ◆ Address Matching (ADD) | ◆ Digital or Raw Photo Extraction (EXT) |
| ◆ Aerial Photography with Ground Control (AER) | ◆ Geodetic Quality GPS Survey (GEO) |
| ◆ Cadastral Survey (SUR) | ◆ LORAN-C Navigation Device (LOR) |
| ◆ Conversion from Coordinate Plane (CP) | ◆ Navigation Quality GPS (GPS) |
| ◆ Conversion from Township-Section-Range (TSR) | ◆ Remote Sensing (RS) |
| ◆ Conversion from Universal Trans Merc (UTM) | ◆ Zip Code Centroid (ZIP) |
| ◆ Map Interpretation by Digital or Manual Extraction (MAP) | |

- ✓ Location accuracy must be provided to the nearest unit (e.g., nearest second, tenth of a second, etc.).

C. Fill in all required information, including waterbody and classifications information.

- ✓ Surface water body classifications information may be found at: <http://portal.ncdenr.org/web/wq/ps/csu>.
- ✓ Any questions concerning the waterbody and its classification, please contact the Division's regional offices.
- ✓ A list of the Division's regional offices, their county coverage, and their contact information may be downloaded from the web site at: <http://portal.ncdenr.org/web/wq/home/ro>.

*****INSTRUCTIONS CONTINUE ON NEXT PAGE*****

D. General Instructions

There are 17 river basins in North Carolina. Each basin has associated waterbodies with assigned subbasins, location descriptions, stream index numbers and established classifications.

1. Identify the project area on a 7.5 minute USGS topographical map (an 8.5" x 11" sheet showing the project area should be submitted with the permit application regardless of whether a Stream classification was completed).
2. Determine the names of all the closest down slope surface waters from the project site. For unnamed tributaries, see Table 1: Unnamed Tributaries Entering Other States or for Specific Basin Areas. Label any unnamed tributaries as "UT to *stream name*" as the waterbody name Watershed Classification Attachment (FORM: WSCA 10-06).
3. Open the link <http://h2o.enr.state.nc.us/bims/reports/reportsWB.html> (Figure 1). [If this link does not work, open <http://h2o.enr.state.nc.us/> and select Classifications from the Streams, Rivers, Lakes and Estuaries list. Then select NC Stream Classification Schedules (BIMS).

List all waterbodies in <input type="text" value="Neuse"/>	Basin sorted <input type="text" value="Alphabetically"/>	<input type="button" value="Go!"/>
List all waterbodies in <input type="text" value="Chowan"/>	county, hydrologically	<input type="button" value="Go!"/>
List all waterbodies in <input type="text" value="03-01-01"/>	subbasin, hydrologically	<input type="button" value="Go!"/>
Clickable basin map to alphabetically sorted list		<input type="button" value="Go!"/>
Clickable basin map to hydrologically sorted list		<input type="button" value="Go!"/>
Short Descriptions of Stream Classifications (see Rules for longer descriptions)		<input type="button" value="Go!"/>
Descriptions of Special Designations		<input type="button" value="Go!"/>

Figure 1 North Carolina Waterbody Reports Web Page

E. STREAM CLASSIFICATION PROCESS

One of the options below may be used depending on the known initial project information.

☒ KNOWN BASIN WHERE CLOSEST DOWN SLOPE SURFACE WATER IS LOCATED

1. Select proper basin from the List all Waterbodies in Basin sorted report. Sort hydrologically as this will provide the proper location descriptions if multiple runs.
2. Locate the name of the identified waterbody (from General Directions) on the list.

3. For multiple listings of the same waterbody name in the report, select and verify the location description. The term "source" in the description means the beginning of the waterbody segment (most upstream point).
4. Record all Basins, Stream Index Numbers and Classifications applicable to the project in Watershed Classification Attachment (FORM: WSCA 10-06).

☒ KNOWN COUNTY WHERE CLOSEST DOWN SLOPE SURFACE WATER IS LOCATED

1. Select the proper county from the List all Waterbodies in county, hydrologically report.
2. Locate the name of the identified waterbody (from General Directions) on the list.
3. For multiple listings of the same waterbody name in the report, select and verify the location description. The term "source" in the description means the beginning of the waterbody segment (most upstream point).
4. Record all Basins, Stream Index Numbers and Classifications applicable to the project in Watershed Classification Attachment (FORM: WSCA 10-06).

☒ UNKNOWN BASIN WHERE CLOSEST DOWN SLOPE SURFACE WATER IS LOCATED

1. Use the Clickable basin map to hydrologically sorted list report.
2. Click on the approximate project location to bring up the hydrologically sorted list.
3. Locate the name of the identified waterbody (from General Directions) on the list.
4. For multiple listings of the same waterbody name in the report, select and verify the location description. The term "source" in the description means the beginning of the waterbody segment (most upstream point).
5. Record all Basins, Stream Index Numbers and Classifications applicable to the project in Watershed Classification Attachment (FORM: WSCA 10-06).

F. NOTES ON INDEX NUMBER AND UNNAMED STREAMS

Unnamed Streams 15A NCAC 02B .0301(i).

- Any stream which is not named in the schedule of stream classifications carries the same classification as that assigned to the stream segment to which it is tributary (at the point of entry) except:
 - (A) unnamed streams specifically described in the schedule of classifications;
 - (B) unnamed freshwaters tributary to tidal saltwaters will be classified "C"; or
 - (C) after November 1, 1986, any newly created areas of tidal saltwater which are connected to Class SA waters by approved dredging projects will be classified "SC" unless case-by-case reclassification proceedings are conducted.
- The following river basins have different policies for unnamed streams entering other states or for specific areas of the basin (Table 1: Unnamed Tributaries Entering Other States or for Specific Basin Areas.)

Table 1: Unnamed Tributaries Entering Other States or for Specific Basin Areas	
Hiwassee River Basin	Streams entering Georgia or Tennessee shall be classified "C Tr."
Little Tennessee River Basin And Savannah River Drainage Area	Streams entering Georgia or Tennessee shall be classified "C Tr." Such streams in the Savannah River drainage area entering South Carolina shall be classified "B Tr."
French Broad River Basin	Streams entering Tennessee will be classified "B."
Watauga River Basin	Streams entering the State of Tennessee are classified "C."
Broad River Basin	Streams entering South Carolina are classified "C."
New River Basin	Streams entering the State of Tennessee are classified "C."
Catawba River Basin	Streams entering South Carolina are classified "C."
Yadkin-Pee Dee River Basin	Streams entering Virginia are classified "C," and such streams entering South Carolina are classified "C."
Lumber River Basin	Streams entering South Carolina are classified "C Sw."
Roanoke River Basin	Streams entering Virginia are classified "C." Except that all backwaters of John H. Kerr Reservoir and the North Carolina portion of streams tributary thereto not otherwise named or described shall carry the classification "B," and all backwaters of Lake Gaston and the North Carolina portion of streams tributary thereto not otherwise named or described shall carry the classification "C and B."
Chowan River Basin	Streams entering Virginia are classified "C."
Tar-Pamlico River Basin	All drainage canals not noted in the schedule are classified "C Sw," except the main drainage canals to Pamlico Sound and its bays which shall be classified "SC."
Pasquotank River Basin	All drainage canals not noted in the schedule are classified "C."

Contact the appropriate Division of Water Resources regional office for assistance with these instructions.

WATERSHED CLASSIFICATION ATTACHMENT (FORM: WSCA 10-06)

Applicant's name: _____

Site/Field ID	County	Latitude	Longitude	Location Datum	Location Method Code	Location Accuracy	Waterbody Subbasin and Stream Index No.	Current and Proposed Class	

I, _____, attest that this attachment form has been prepared by me and is accurate and complete to the best of my knowledge. I understand that if all required parts of this attachment are not completed and that if all required supporting information is not included, this application package will be returned as incomplete.

Signature _____ Date _____