

These instructions are to be used when completing form WSCAS for sewer extension projects. Identifying stream classifications that are affected by the project is necessary:

- To determine/confirm the minimum separation distance of sewer system components from classified waters as specified in 15A NCAC 2T .0305(f)
- To determine/confirm any applicable river basin rules that may affect sewer system components

If any portion of the sewer extension comes within 100 feet of any surface water (waterbody) or wetland a completed form is required. Determine the names of surface waters within 100 feet of the project or along the project route and utilize either of the below options to determine stream classification:

#### **Finding Stream Classifications (Map or List)**

**A map with designated streams and their associated classifications can be obtained at:**

<http://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=6e125ad7628f494694e259c80dd64265>

- Find/select the waterbody and record the river basin(s), stream index number and classifications applicable to the project on the form

or

**A listing of stream classifications based on river basin can be obtained at:**

<http://portal.ncdenr.org/web/wq/ps/csu/classifications> (see left hand side of webpage)

- Select the river basin(s) (hydrological or alphabetically sorted) where your project is located
- Locate the name of the identified waterbody on the list for the selected basin
- 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)
- Record the river basin(s), stream index number and classification applicable to the project on the form

#### **Submittal Instructions**

Label any unnamed tributaries as "UT to stream name" as the waterbody name on form per 15A NCAC 02B .0301(i). See page 2 for additional notes on unnamed streams.

Submit a color copy of a USGS Topographic Map to identify the project area and surface waters. Each map or maps must show the location of the sewer system and include location identifiers where the system traverses over or near waterbodies. The map should have location ID's for each different waterbody and corresponding classifications should be recorded.

**\*\*Note that these instructions do not need to be submitted\*\***

**Note on 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 except:

- unnamed streams specifically described in the schedule of classifications;
- unnamed freshwaters tributary to tidal saltwaters will be classified "C"; or
- 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:

HIWASSEE RIVER BASIN	Streams entering Georgia or Tennessee shall be classified "C Tr."
LITTLE TENN 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."

**\*\*Note that these instructions do not need to be submitted\*\***

Along with this form, submit a color copy of a USGS Topographic Map to identify the project area and waterbodies. Each map or maps must show the location of the sewer system and include location identifiers where the system traverses over or near waterbodies. The map should have location ID's for each different waterbody and corresponding classifications should be recorded.

Include the completed form and map portions with the permit application for submittal to the appropriate review agency. A list of the Division's regional offices, their county coverage, and contact information can be obtained from: <http://portal.ncdenr.org/web/wq/home/ro>

Location ID	Name of Waterbody <sup>1</sup>	River Basin	Waterbody Index No.	Waterbody Classification

<sup>1</sup> If unnamed, indicate "unnamed tributary to X", where X is the named waterbody to which the unnamed tributary joins.

*I certify that as a Registered Professional Engineer in the State of North Carolina that I have diligently followed the Division's instructions for classifying waterbodies and that the above classifications are inclusive of the stated project, complete and correct to the best of my knowledge and belief.*

**PE Seal, Signature and Date** →

