




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

April 21, 2004

To: Location & Surveys Group Leaders
Location & Surveys Area Engineers

From: Charles W. Brown, PE, PLS 
State Location & Surveys Engineer

Subject: Proc 2004-1
Identification of Jurisdictional Streams

NCDOT has been requested by the NC Division of Water Quality (DWQ) and the US Army Corps of Engineers (USACE) to identify jurisdictional streams on the highway plans. A jurisdictional stream is one over which the USACE has jurisdictional authority, i.e.; these streams require specific permits prior to construction.

The Hydraulics Unit has given us certain tools and guidelines in order to identify and map these jurisdictional streams. As per memo from D. R. Henderson, State Hydraulics Engineer (copy attached), symbology for a jurisdictional stream has been created and placed in the NCDOT Workspaces. We are working with Engineering Applications Services to get this line style added to NCMAP. Mr. Emory Kincaid will alert you when that is accomplished.

For our purposes, a stream will be classified as jurisdictional due to one or both of the following: the stream appears on the county soils map, or the stream appears in blue on a USGS quad map. The Hydraulics Unit will retain the right to reclassify any stream as non-jurisdictional, based on petition to the USACE. The USACE or DWQ will retain the right to reclassify any other stream as jurisdictional. These revisions will be handled through the Hydraulics Unit.

Please make certain that your staff is informed and follows these guidelines as defined. The accuracy of the plan is a critical part of the permitting process, and failure to use correct symbology may result in project delay.

Thank you for your assistance in this matter. Please do not hesitate to contact me with any questions or concerns.

CWB

Cc: Mr. D. R. Henderson, PE
Mr. K. Johnston, PE, PLS

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RECEIVED

MEMORANDUM TO: Mr. Phil Harris, III, PE
Manager of Office of Natural Environment APR 21 2004

FROM: D. R. Henderson, PE *DRH*
State Hydraulics Engineer

DEPARTMENT OF TRANSPORTATION
HEADQUARTERS

SUBJECT: Jurisdictional Stream CADD Line Style

There have been some questions in determining if small streams are Jurisdictional or not which are housed in files received from Location and Surveys and Photogrammetry Units. In order to clear up confusion, the Hydraulics Unit has created a line style to be used to draw Jurisdictional Streams. Until now, the symbology for both types has been the same. To resolve this, a new line style for Jurisdictional Streams has been created and put in the NCDOT Workspaces.

The new line style can now be used by all other units in NCDOT by simply loading the NCDOT_STDS Workspaces.

DRH/aph

- cc Mr. Art McMillan , P.E. (Highway Design Branch) w/att.
- Mr. J. A. Bennett , PE (Roadway Design) w/o att.
- Mr. Charles Brown, PE, PLS (State Location and Surveys Engineer) w/o att.
- Mr. Keith Johnston, PE, PLS (State Photogrammetric Engineer) w/o att