

**NORTH CAROLINA BOARD OF EXAMINERS  
FOR ENGINEERS AND SURVEYORS**

POLICY

Title: Wetlands Mapping Policy

Policy Number: BP-1005-4

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Category(s): Surveying Practice

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Wetlands Survey: A survey showing the boundaries of an area delineated as "jurisdictional waters of the US." Wetland Boundaries shall be tied by course and distance to either 1) property corners that are properly monumented and verified, or 2) project boundaries that have been properly monumented, or 3) NC State Plane Coordinates System. This shall be done in a manner that permits future surveyors to readily retrace the wetland boundary. The calculated ratio of precision before adjustments or statement of positional accuracy of such ties must be consistent with the land use classification of the parcel being surveyed as described in Board Rule 21-56.1603. Data collection and platting of these types of wetland boundaries must be performed by or under the direct supervision of a surveyor. A PLS or PE may only accept wetlands survey data from a PLS for the purpose of showing the information on survey plats, engineering drawings, permits or reports. Any location data generated by delineators is only for the use of the PLS in performing a survey of the wetland boundary; should be noted with a disclaimer to that effect; and if issued to anyone other than a PLS is considered the illegal practice of surveying. If equipment other than survey grade accuracy equipment is used on the survey, a statement indicating the equipment, procedure, and position tolerances (21-56.1608) used for the work must be clearly stated on the plat or work product. Only surveyed wetlands may be placed on a property plat.

Data provided by a Government Agency can be depicted as long as the source of the information used is disclosed and denoted as lines not surveyed within the plat or report.

The mapping of conservation easements, buffers or other boundaries shall be done by, or under the responsible charge of, a PLS and conform to the same requirements as stated for wetland boundaries.