

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

Policy

Wetlands, Buffers and Restricted Use Areas Mapping Policy			
NUMBER: BP-1005-4	REV. NO.: 3 (Most Recent Revisions: Underlined or Struck-through)		ORIGINAL BOARD APPROVAL: 05/13/2010
			LATEST COMMITTEE REVIEW: 07/19/2019
BOARD APPROVED	09/11/2019		
CATEGORY(IES)	<input checked="" type="checkbox"/> Surveying	<input type="checkbox"/> Engineering	<input type="checkbox"/> Other
	<input type="checkbox"/> Unlicensed	<input type="checkbox"/> Seal	
ORIGINATION:	<input checked="" type="checkbox"/> Surveying Committee	<input type="checkbox"/> Engineering Committee	<input type="checkbox"/> Other

~~Wetlands Survey: A survey showing the boundaries—boundary of an area delineated as “jurisdictional waters of the US.”~~ Wetland Boundaries with use restrictions 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-delineated~~ boundary.

For purposes of this policy, the term “use restrictions” shall include but not be limited to:

- a) Wetlands Surveys - A survey showing the boundaries of an area delineated as “jurisdictional waters of the US.” Only surveyed wetlands boundaries may be placed on a property plat.
- b) Unbuildable Protected Areas, Delineated Buffer Zones or other similarly defined Restricted Use Areas defined by regulatory authorities.

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-delineated~~ boundaries must be performed by or under the direct supervision of a PLS or PE may only accept ~~wetlands-delineation~~ survey data from a PLS for the purpose of showing the information on survey plats, engineering drawings (other than Preliminary Planning drawings), permits or reports. Any location data generated by delineators is only for the use of the PLS in performing a survey of the ~~delineated wetland~~ boundary and should be noted with a disclaimer to that effect. The preliminary ~~wetland~~ map with a disclaimer by the delineators, that the location data is not to be relied upon for accuracy and is only for appropriate use by a PLS or PE, may be used by a PE for Preliminary Planning Purposes. 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 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.