

## Matrix of *Forest Harvest Requirements* for the Riverbasin & Watershed Riparian Buffer Rules. (rev. 7/2021)

Additional limitations on forestry activities are explained in the individual Buffer Rules.

If the property is changing from forestry to non-forestry, then timber harvesting is not allowed in the Buffer Rule Zone; consult with DWR.

	--- Riparian Buffer Rules ---					
	Catawba River & Mainstem Lakes	Neuse River Basin, and Tar-Pamlico River Basin	Randleman Lake Watershed	Jordan Lake Watershed	Goose Creek Watershed <small>(Mecklenburg &amp; Union counties)</small>	
<b>Where It Applies</b>	Along the Catawba River and its mainstem lakes, starting on Lake James, to the NC/SC line.	Along designated “approximately shown” mapped Intermittent or Perennial streams and certain waterbodies; including beaver impoundments on subject streams; and certain subject lakes, ponds, and estuaries. (Not including Ag Ponds; see rule text for exemption) <b>SEE FOOTNOTE (*1) FOR RANDLEMAN LAKE WATERSHED.</b>				
<b>Map References</b>	n/a	If it appears on the most recently published version of either the: (1) NRCS county Soil Survey printed manuscript; <u>or</u> (2) USGS 1:24000 topo/“National Map”. <b>WebSoil Survey, NHD layers or ArcGIS layers are not allowed!</b> <b>SEE FOOTNOTE (*1) FOR RANDLEMAN LAKE WATERSHED.</b>				
<b>Harvest Eligibility</b>	To harvest from <u>Zone 1</u> , the tract must either: (a) Be enrolled in the Forestry PUV program; or, (b) Have a forest management plan prepared or approved by a Registered Forester.			Same requirements if cutting <i>anywhere</i> in the 100-ft. or 200-ft. Buffer Zone.		
<b>Zone 1</b>	<b>Inner Zone 1 is from 0 - 10 feet. Outer Zone 1 is from 10 - 30 feet.</b>			<b>0 - 10 feet</b>		
Equipment Use	Mechanized tree felling and skidding is allowed, where there is no other practical alternative.					
Equipment Use	No mechanical site prep allowed.			No “soil disturbing” site prep.	No mechanical site prep in the <i>entire</i> Buffer Rule Zone (100ft or 200ft)	
Harvest Limitations	----- <b>No cutting of trees that have exposed primary roots visible in the streambank</b> -----					
Harvest Limitations	<b>Inner Zone 1 (0-10 ft):</b> Only “High Value” trees can be harvested. (see diameter limits below)  <b>Outer Zone 1 (10-30 ft):</b> Cut no-more-than 50% of trees larger than 5” DBH. Must retain trees less than 5” DBH. Remaining trees should be relatively evenly spaced apart. Re-entry is 5 years for plantation; and 15 years for natural stand.			Cut only “High Value” trees (from 0 - 10 feet)		
“High Value” trees	<b>Pine:</b> must be at least 14” DBH <u>or</u> 18” stump diameter. (stump measured 6” above ground) <b>Non-Pine:</b> must be at least 16” DBH <u>or</u> 24” stump diameter. (stump measured 6” above ground)					
<b>Zone 2</b>	<b>30 - 50 feet.</b>			<b>10 - 50 feet</b>		
Harvest Limitations	All trees can be harvested. Maintain groundcover to provide diffusion and infiltration of surface runoff.			Cut no-more-than 50% of trees larger than 5” DBH. Retain trees less than 5” DBH. Remaining trees should be relatively evenly spaced apart. Re-entry is 5 years for plantation; and 15 years for natural stand.		
<b>Zone 3</b>	Does not apply			50 - 100 ft. <u>or</u> 50 - 200 ft. (*2)		
Harvest Limitations	Does not apply			Harvesting and Regeneration is allowed. Maintain groundcover to provide diffusion and infiltration of surface runoff.		

**(\*1) Randleman Lake:** The Buffer Rule Zone is also required on any Intermittent or Perennial stream observed on-the-ground; and for any ditch that outlets into an Intermittent or Perennial stream, regardless if it appears on a map.

**(\*2) Goose Creek:** If the stream is inside the 100-Year Floodplain, then a 200-foot-wide Buffer Rule Zone is required. If the stream is outside the 100-Year Floodplain, then a 100-foot-wide Buffer Rule Zone is required.

***This quick-reference table was prepared by the NCFS with review by the NC-DWR. Consult with NC-DWR for clarifications or interpretations.***