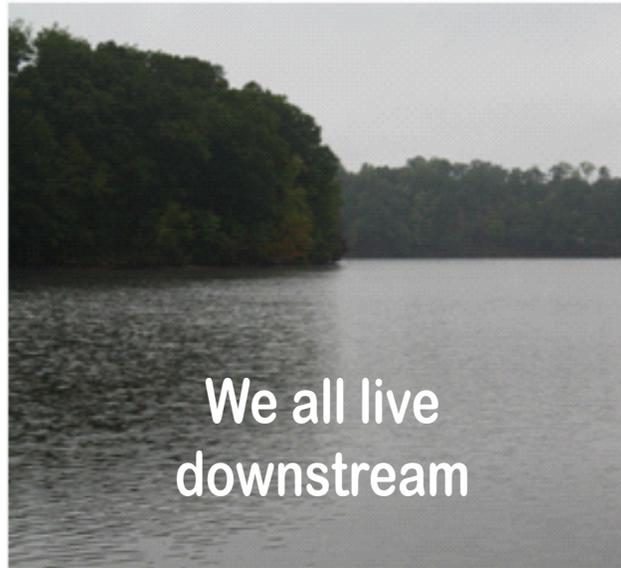


Top 10 Reasons for Maintaining Riparian Buffers

1. Slow water runoff
2. Prevent erosion
3. Enhance water infiltration to soils
4. Trap sediment
5. Trap fertilizers, pesticides, bacteria, pathogens, and heavy metals
6. Improve fish habitat
7. Offer a natural habitat for wildlife
8. Adds beauty and value to your land
9. Provides recreational opportunities
10. Reduce flooding



For more information on water quality and stormwater management, go to:

www.StormwaterSMART.org

or contact

Stormwater SMART
2216 W. Meadowview Road
Wilmington Building, Suite 201
Greensboro, NC 27407
Phone (336) 294-4950; Fax (336) 632-0457
email: stormwatersmart@ptcog.org

Riparian Buffers: Keeping Our Waters Clean



Please protect our waters by leaving a buffer.



Jordan Lake Rules Buffer Regulations:

Riparian Buffers are 50 feet wide and are split into two vegetated zones:

Zone One is 30 feet from the top of the bank. Within this zone, vegetation must not be disturbed.

Zone Two is an additional 20 feet outside the undisturbed zone. Limited disturbance (i.e. pruning) is allowed within this zone.

Existing development is exempt from these regulations.

For a full description of activities that are exempt from this rule or are allowable please see:
<http://portal.ncdenr.org/web/wq/swp/ws/401/riparianbuffers/rules>
 or
jordanlakerules.org



	<p>Zone 2 20 feet of limited disturbance. Soils trap excess nitrogen and phosphorus, filtering the water. Trees use those nutrients and remove them from the water.</p>	<p>Zone 1 30 feet of undisturbed forest stabilizes stream bank and cools water. Surface flow is slowed by vegetation to reduce flooding.</p>	<p>Stream Bottom Woody debris slows water and provides habitat for aquatic life.</p>	
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