

Peer comparison of Stormwater requirements

10/30/2018

Peer	SCM Triggers	Quantity	Quality	Quantity Comparison	Quality comparison
Fayetteville (former)*	New development: 20,000 sf impervious. Redevelopment: 2,000 sf of increased imp.	peak flow attenuation from 10- year 24-hour storm	remove 85% of total suspended solids (TSS) from runoff from the first one inch of rainfall	More stringent threshold than current ordinance	Quality standards required by State
Fayetteville (current)	New development: 20,000 sf impervious. Redevelopment: 5,000 sf of increased imp.	peak flow attenuation from 10- year 24-hour storm	remove 85% of total suspended solids (TSS) from runoff from the first one inch of rainfall	Less stringent threshold than former ordinance	Quality standards required by State
Durham	Residential development: 0.5 acre imp Commercial development: 12,000sf disturbed	peak flow attenuation from 1-, 2-, and 10-year, 24-hour storms	remove 85% of total suspended solids (TSS) from runoff from the first one inch of rainfall; nitrogen and phosphorous removal; bacteria and sediment controls. More stringent development standards within the Falls Lake Watershed and Neuse River Basin	More Stringent	More Stringent as required by the State
Greensboro	New/Re-development: 400sf increase net impervious or that result in a change to the pre-development drainage pattern	peak flow attenuation from 1-year 24-hour storm. Must analyze downstream impacts for 2- and 10- year 24-hour storms	remove 85% of total suspended solids (TSS) from runoff from the first one inch of rainfall. Protected watersheds within City have maximum BUA	More Stringent	More Stringent
Winston-Salem	New/Re-development: Quality: 24% impervious; Quantity: 20,000sf impervious	peak flow attenuation from 2-, 10-, and 25-year storms of minimum 6- hour duration	remove 85% of total suspended solids (TSS) from runoff from the first one inch of rainfall	More Stringent	Comparable
Greenville	New/Re-development: peak flows must not exceed the pre-development conditions	peak flow attenuation from 1-, 5-, and 10-year 24-hour storms; 25-year, 24-hour storms for areas of special risk	nitrogen and phosphorous removal. Complies voluntarily with Neuse Basin Stormwater Rules. Complies with the Tar-Pamlico Stormwater Rules as required by the State	More Stringent	More Stringent as required by the State

* Article revised on June 10, 2013 to increase impervious area threshold for re-development