Nitrogen Control Plan
Commercial / Industrial / Residential Sites with Known Impervious Area

Project Title: _____

Type of Project [ ] New   [ ] Expansion   [ ]Exempt

Basis for exemption_____

Part I. Riparian Buffers

Area includes riparian buffers?   [ ] No   [ ] Yes   [ ]Exempt

If yes,   [ ] 50 foot   [ ] 100 foot

River Basin?   [ ] Neuse   [ ] Cape Fear

Basis for exemption_____

Show buffers on site plan.

Part II. Nitrogen Calculations (Method 2, Appendix C):

a. Site Information

Total area of property incl. R/W   _____

Denuded Area   _____

Impervious Area incl. R/W   _____

Managed open space   _____

Protected open space   _____

b. Pre-development loading:

Type of Land Cover	Area (acres)	TN export coeff. (lbs/ac/yr)	TN export from use (lbs/yr)
Permanently protected undisturbed open space (forest, unmown meadow)		0.60	
Permanently protected managed open space (grass, landscaping, etc.)		1.20	
Impervious Area		21.20	
TOTAL			

Nitrogen Loading Rate (lbs/ac/yr) = _____

c. Post-development loading:

Type of Land Cover	Area (acres)	TN export coeff. (lbs/ac/yr)	TN export from use (lbs/yr)
Permanently protected undisturbed open space (forest, unmown meadow)		0.60	
Permanently protected managed open space (grass, landscaping, etc.)		1.20	
Impervious Area		21.20	
TOTAL			

Nitrogen Loading Rate (lbs/ac/yr) = _____

Proposed BMP(s) _____

Nitrogen Load after BMPs = _____

Nitrogen Load Offset by Payments = _____

Net change in on-site N Load = _____

Part III. Control of Peak Stormwater Flow (for 1 year, design storm)

Calculated Pre-development Peak Flow _____

Calculated Post-development Peak Flow_____

Proposed BMP(s)_____

Post BMP Peak Flow _____

I, the undersigned, certify to the best of my knowledge that the above information is correct (affix seal).

Supply notes & details showing control of Nitrogen and peak stormwater runoff.   *3/8/2006*