

List of Wake County Strategies Exceeding Minimum Requirements

<u>Non-regulatory</u>	<u>Pollutants Addressed</u>	<u>NCSU Rating for Pollutant Reduction</u>
1. Open space acquisitions	Nutrients, sediment, flow	Best
2. Land use plan directing urban growth away from select water supply watersheds	Nutrients, sediment, flow	Best
3. Assistance to land owners to secure federal and state funds that implement soil and water conservation practices	Nutrients, sediment, flow	Good
4. Education	Nutrients, sediment, flow	Good
5. Chemical spills response	Nutrients, varied	Good
6. Monitoring	Nutrients, sediment, flow	Good
<u>Regulatory</u>	<u>Pollutants Addressed</u>	<u>Pollutant Reduction</u>
1. Low density zoning	Nutrients, sediment, flow	Best
2. Impervious limits	Nutrients, sediment, flow	Best
3. Incentive for open space developments	Nutrients, sediment, flow	Best
4. Incentive for planting trees	Nutrients, sediment, flow	Best
5. Credit for disconnected impervious surfaces and preserving trees	Nutrients, sediment, flow	Best
6. Buffers	Nutrients, sediment, flow	Best
7. Floodplain rules	Nutrients, sediment, flow	Best
8. Stormwater velocity mitigation	Nutrients, sediment, flow	Best

9. Stormwater volume mitigation	Nutrients, sediment, flow	Best
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THIS PAGE ENDS THE LIST OF CURRENT STRATEGIES

<u>Regulatory – Continued</u>	<u>Pollutants Addressed</u>	<u>NCSU Rating for Pollutant Reduction</u>
10. Nitrogen export rates	Nutrients	Best
11. Erosion and sedimentation control	Sediment	Best
12. Nitrogen buy down	Nutrients	Good
13. Stormwater and erosion control inspections	Nutrients, sediment	Good
14. Septic rules and inspections	Nutrients	Good
15. Non-municipal wastewater plant inspections	Nutrients	Good
16. Curb and gutter limits and grassed conveyance systems	Nutrients, sediment, flow	Good
17. Groundwater (well) sampling requirements	Nutrients	Good
18. Groundwater (well) interference and mitigation regulations	Nutrients	Good

THIS PAGE STARTS THE IMPLEMENTATION STATUS OF WATER

Plan Recommendations	Implemented?	Comment if not Implemented
<b>2003 Watershed Plan</b>		
1. Open space acquisitions	✓	
2. No development or fill in floodplain	✓	
3. Regulate stormwater volume & encourage LID	✓	
4. Conservation subdivision ordinance	✓	
5. 100 foot buffers on water supply watershed perennial streams	✓	
6. Improve septic system data tracking	✓	
7. Develop pilot study on septic tanks	✓	
8. Provide information to realtors & home buyers on septic maintenance	✓	
9. Require certification of septic installers	✓	
10. Cross train erosion control inspectors	✓	
11. Initiate stream monitoring	✓	
12. Boost environmental education	✓	
13. Update design manual	✓	
14. Enhance septic systems inspections program		In progress
15. Incentives to meet impervious targets		No consensus on means
16. Stream restorations		Cost
17. Offset fees to be paid if development exceeds certain imperviousness		Cost
18. Increase number of erosion control site inspections		Cost
<b>2003 Groundwater Investigation</b>		
19. Develop an environmental monitoring program	✓	
20. Implement well testing	✓	
21. Sampling study for radon	✓	
22. Education on wells and groundwater resources	✓	

## RESOURCES PLANS PERTAINING TO WAKE COUNTY GOVERNMENT

### THIS PAGE CONTINUES THE IMPLEMENTATION STATUS OF WATER RESOUC E PLANS

Plan Recommendations	Implemented?	Comment if not Implemented
<b>2003 Groundwater Investigation, Continued</b>		
23. Community based process to develop principles and policies for groundwater sustainability	✓	(Process led to a new groundwater interference ordinance.)
24. Include in the monitoring program a long-term well monitoring network for groundwater		Started implementing with USGS. Will continue to build as budget allows
25. Partner with State to sample impacts of development projects		Monitoring has focused on watersheds, instead of individual development projects
<b>2006 Water and Sewer Plan Recommendations Pertaining to County Government</b>		
26. Regional cooperation on water supply planning and development	✓	
27. Education on water conservation	✓	
28. Facilitate reclaimed water use	✓	
29. Coordinate stormwater program requirements	✓	
<b>2006 Blue Ribbon Committee Recommendations Pertaining to County Government</b>		
30. Accelerate Little River Reservoir	✓	(Environmental studies underway; Raleigh taking the lead)
31. Facilitate reclaimed water use	✓	(Repeated recommendation from a preceding plan)
32. Education on water conservation	✓	(Repeated recommendation from a preceding plan)
33. Consider availability of water/sewer in water supply watersheds		County policy is to permit this in urban watersupply watersheds, but not non-urban watersheds

**THIS PAGE ENDS THE IMPLEMENTATION STATUS  
OF WATER RESOURCE PLANS**

Plan Recommendations	Implemented?	Comment if not Implemented
<b>2007 Stormwater Report</b>		
34. Initiate hydrologic and hydraulic modeling	✓	
35. Facilitate post-construction run off controls for towns without ordinances	✓	
36. Risk based erosion inspections	✓	
37. Environmental monitoring	✓	(Repeated recommendation from a preceding plan)
38. Boost environmental education	✓	(Repeated recommendation from a preceding plan)
39. County administration of smaller municipalities' NPDES measures	✓	County is administering the post-construction stormwater ordinance for Rolesville, Wendell, and Zebulon and is talking with them about administering other NPDES measures
40. Enhance septic systems inspections program		In progress; repeated recommendation from a preceding plan
41. Collaborative, risk-based stormwater system maintenance including municipalities and NCDOT		No consensus on means
42. Countywide stormwater call center		Cost

