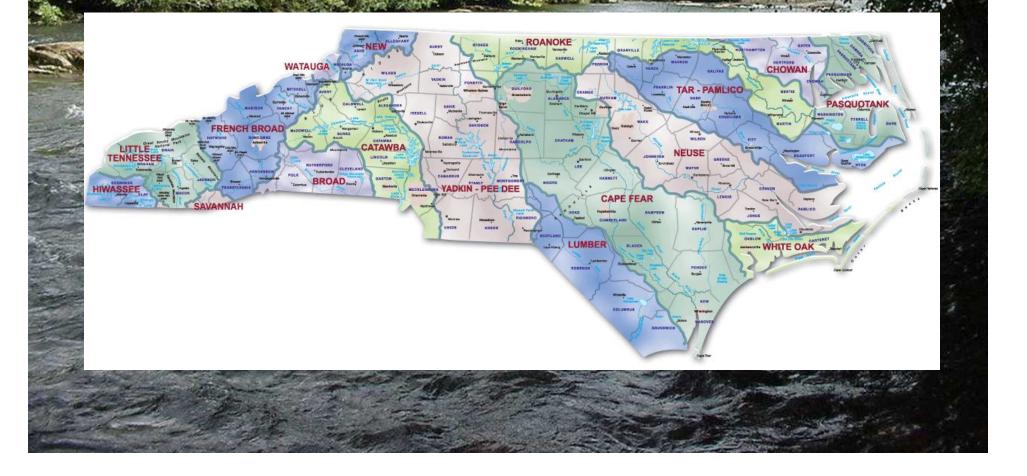
North Carolina's Basinwide Water Quality Management Planning Program

Division of Water Quality Department of Environment and Natural Resources

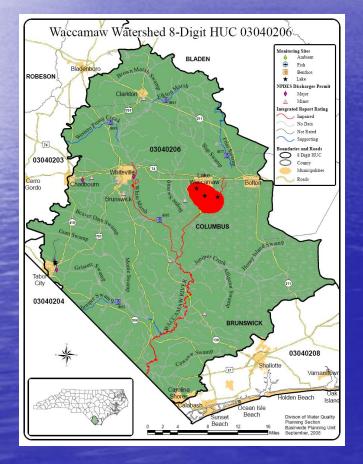




NC River Basins for Water Quality Management Planning



Purposes of the Basinwide Water Quality Management Plans



- Target areas in need of additional water quality protection;
- Better evaluate cumulative effects of pollution;
- Meet EPA program reporting requirements; and
- Improve public awareness and involvement.

Content of a Basinwide Water Quality Management Plan





What does NC get?

Yadkin - Pee Dee River Basin Plan 2008

Summary Hydrologic Unit Code 030401

The Yackin Pee Dee River basin is the second largest basin in North Caroli GENERAL DESCRIPTION The Yackin-Yee Dea River basin is the second largert basin in Horth Carolin and covers approximately 7-213 square Buse Riges Mountains in Caldwell Originating on the salern slopes of the Stephen Second State in Caldwell Wildes counties, the Yackin River Rover northeasterly for about 100 miles and them tors surphaser cent source bus the Lubardia Buser en miles and them tors surphaser cent source bus the Lubardia Buser en and Wiskes counties, the Yadkin River Rows northeasterly for about 100 milles and then turns southeast until Joiner continues its southeast course form the Pee Ber River. The Pee Dee River continues its southeast course through Horth and South Carolina to Winyah Bay at the Atlantic Ocean.

enrichment, urbanization, and wastewater are the Increasing nutrient enrichment, urbanization, and vastewater are the primary impacts to water quality in this basin. Most of these impacts are focused in the counties of Fortych, Rowan, Incident, Cabarrus, Davidson, and Johns. Land consuming for fortych Rowan and averaging a variable in education.

focused in the counties of Forsych, Rowan, Inedell, Cabarrus, Davidson, and Union. Land conversion from forest and agricultural practices to suburban uses is occurring nearly everywhere throughout this basin. Only protected instructural areas and steep mountainous terrain are not impacted by these charmest.

Despite these areas of concern, there are still streams in largely forested

Despite these areas of concern, there are still streams in largely forested and comparatively underveloped catchments with very good water quaitry. Not of these waters areas and in northern Wilkes, western Surry, and portions of kontgomery County (Uwharie tartistical Forest). In fact, of the 51 streams and rivers classified Outstanding Besource Waters (ORN) in the Yadkin-Pee Dee River basin, 73% are located in these counties.

The Yadkin-Pee Dee River basin experienced moderate to severe drought The tacktin-tree live fitver basin experienced moderate to severe drough conditions in 2001, which had the potential to reduce the impacts from nonpoint sources and magnify the impacts from point source discharges.

There are 94 impaired assessment units in the Yadkin Pee-Dee River (Figure CURRENT STATUS Implared assessments using in the reason reaction of the implared valuerbodies are those streams/lakes not means and an another streams/lakes not mean of the 1/Table 1). Impaired waterbodies are those streams/lakes not meeting their associated water quality standards in more than 10 percent of the samples taken within the assessment period (January 1, 2002 the fore either beenber 31, 2006) or those nor meeting the nor fixit, community criteria. More of the transm innostment: (26%) are housed on non-kiniaelast interarty kronnervearate community criteria or ner commancy sinema stream impairments (26%) are based on poor biological integrity Most of the stream impairments (26K) are based on poor biological integrity measured by aquatic macroinvertebrates and fish communities, followed by turbiding violations (1%), low dissolved oxygen levels (6K) and elevated feed control bacteria (4K). In takes and reservoirs, chicopoly(a exceeds the standards in 36% of the ottal acres amplied, followed closely by high pH levels (55%) and turbidity in 17% of the samples.



- Increased public understanding and participation;
- Focused resources;
- **Comprehensive NPDES** permitting;
- Sound ecological planning; and
- Integration and coordination of programs and agencies.

Annual Report to ERC

Numerous Public Outreach Activities
Completed Broad, Yadkin Pee-Dee & Neuse Plans
Status of Water Quality in Those Basins

Metals below standards
Mercury fish consumption advisory
Closed Shellfish Waters
Chlorophyll-a above standards

QUESTIONS?



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