

# Appendix V

## Other Recommendations

- **Catawba Riverkeeper Platform**
- **Mountain Island Lake Marine Commission**
- **Lake Wylie Marine Commission**
- **Mecklenburg County Department of Environmental Protection**



## The Catawba River Basinwide Water Quality Management Plan Platform:

1. A minimum of a 100-foot buffer zone along the entire main stem of the Catawba River. A minimum of a 50-foot buffer zone along all tributaries of the Catawba River. Buffer zones should be composed of woody vegetation & include fines for the removal of natural vegetative buffers.
2. Mandatory use of best management practices within the basin for construction sites (including residential), urban areas (population >50,000) and agriculture.
3. A halt on new floodplain development, better protection of our remaining wetlands and the restoration of damaged or overdeveloped wetlands.
4. Mandatory nutrient control technology on all NPDES dischargers in the basin that discharge into watersheds of eutrophic impoundments.
5. A moratorium on all package treatment plants in the basin that discharge into watersheds of eutrophic impoundments.
6. Color standards for the Catawba River. Especially the South Fork of the Catawba River (nicknamed the "Rainbow River" because of dye discharges).
7. Better/more stringent enforcement of existing buffer zone and sediment/erosion control regulations in the basin.
8. A moratorium on all clear cutting in the Catawba Basin until buffer zones are established along tributaries of the Catawba River. Buffer zones in clear cut watersheds will help control sedimentation into waters of the Catawba.
9. Better enforcement, better enforcement, better enforcement!

# Full Co-Sponsors of the Catawba River Platform

As of 3/4/99

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NC Wildlife Federation  
Dock Kornegay,  
Executive Director,  
NC Wildlife Federation  
919/833-1923;  
ncwf\_dock@mindspring.com  
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PO Box 10626  
Raleigh, NC 27605-0626

Catawba Waterfowl, Inc.  
W. Edward Godwin, Jr. ( Pres. )  
Charlotte, NC

Conservation Council of NC  
PO Box 12671  
Raleigh, NC 27605  
919-821-4455  
We have posted it on our website  
[www.serve.com/ccnc/](http://www.serve.com/ccnc/)  
John Runkle

Mecklenburg Audubon Society  
Judy Walker, President  
Charlotte, NC

Venture Program at UNC Charlotte  
Dave Walsh, Kim Judy, Sandy Kohn,  
Holly Luther, and Cathy Graham

Clean Water Fund of NC  
Asheville, NC

Sierra Club  
Central Piedmont Chapter  
Charlotte, NC

Trout Unlimited  
Rocky River Chapter  
Harry Taylor

Oscar Penegar, Chairman  
South Fork Catawba River  
Task Force  
Gaston County Quality of Natural  
Resources Commission

Daniel Stowe Botanical Garden  
BILL HILTON JR.  
Director of Education & Research  
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USA

Gaston Natural Resources  
Conservation District  
Board of Directors and Staff  
1303 Cherryville Highway  
Dallas, NC 28034  
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Mountain Island Lake  
Marine Commission  
Charlotte, NC

Lake Wylie  
Marine Commission  
Charlotte, NC

Agricultural Resources Center  
Allen Spalt, Director  
PESTicide EDUcation project  
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Visit ARC at:  
<http://sunsite.unc.edu/arc>

Steve and Pat Cashion  
Lake Wylie Lakekeepers

Rick Dove, Neuse Riverkeeper®  
New Bern, NC

Neuse River Foundation,  
Marion Smith, Ex. Dir.  
New Bern, NC

Eno River Association  
Wayne Cash, President  
4419 Guess Road  
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919-477-4549  
mailto:enofest@gte.net  
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Catherine and Woody Mitchell  
Synergy Magazine  
Charlotte, NC

CBM Environmental Services, Inc.  
Catherine Ross, President  
Charlotte, NC

Sierra Club  
Western North Carolina Group  
Asheville, NC

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Ron and Nancy Bryant, Charlotte, NC  
Dr. John Brzorad, Charlotte, NC  
John Carter, Mooresville, NC  
Norah Dahlen Cornelius, NC  
John Kelly, Kershaw County, SC  
Dr. Dave Martin, Davidson, NC  
HC Tony Martin, Mountain Island Lake, NC  
Mary A. McDaniel, Charlotte, NC  
Dr. Timothy Mead, UNCC, Charlotte, NC  
Don Morris, Mountain Island Lake, NC  
Dr. Reed Perkins, Queens College,  
Charlotte NC  
Lisa Renstrom, Charlotte, NC  
David Ward, Gaston County Commission,  
Gastonia, NC  
Candace Warren Wilson, Charlotte, NC

Yadkin-Pee Dee Lakes Project  
P.O. Box 338  
Badin, NC 28009

Protect All Children's Environment  
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Director  
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Email: [pace@mcdowell.main.nc.us](mailto:pace@mcdowell.main.nc.us)  
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Wateree Home Owners Association  
Kershaw County, SC

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Conservation Service  
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Mecklenburg Bassmasters  
Charlotte, NC

Sierra Club  
South Mountains Group  
Brenda Craig, Chair and  
Connie Adams, Vice-Chair  
Morganton, NC



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MAR 9 1999

**Mountain Island Lake Marine Commission**  
**Post Office Box 35008**  
**Charlotte, NC 28235-5008**  
**(704) 372-2416**

**WATER QUALITY  
PLANNING BRANCH**

March 4, 1999

Mr. Darlene Kucken  
DENR - N.C. Division of Water Quality/Planning  
Post Office Box 29535  
Raleigh, NC 27626-0535

RE: Catawba River Basinwide Plan

Dear Darlene:

At its March 3, 1999 meeting the Mountain Island Lake Marine Commission approved the following comments to the Catawba River Basinwide Plan.

1. A minimum of 100-foot buffer zone along the entire main stem of the Catawba River. A minimum of a 50-foot zone along all tributaries of the Catawba River. Buffer zones should be comprised of woody vegetation and include fines for removal of natural vegetative buffers.
2. Mandatory use of best management practices within the basin for construction sites (including residential), urban areas with populations greater than 50,000 as determined by the N.C. Data Center, and agriculture.
3. A halt on new floodplain development, better protection of wetlands and restoration of damaged wetlands.
4. Mandatory nutrient control technology on all NPDES discharges in the basin that discharge into watersheds of eutrophic impoundments.
5. A moratorium on all package treatment plans that discharge into watersheds of eutrophic impoundments.
6. Color standards.
7. More effective enforcement of existing buffer zones, sediment and erosion control regulations including review of local programs by the State. This would be similar to the supervision that the State of North Carolina has over local government fiscal management.
8. Moratorium on all clear cutting in the Catawba Basin until such time as buffer zones are established along tributaries of the Catawba River.
9. More effective enforcement of water quality regulations.

Mr. Darlene Kucken  
March 4, 1999  
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Thank you for allowing us to comment on this issue. Please contact me at (704) 399-2282 or our Executive Director Michael McLaurin at (704) 348-2705 if you have questions or need additional information.

Sincerely,



Barbara Lockwood, Chair  
Mountain Island Lake Marine Commission

# THE LAKE WYLIE MARINE COMMISSION



POST OFFICE BOX 35008  
CHARLOTTE, N.C. 28235

PHONE 372-2416  
AREA CODE 704

May 7, 1999

Mr. Darlene Kucken  
DENR - N.C. Division of Water Quality/Planning  
Post Office Box 29535  
Raleigh, NC 27626-0535

RE: Catawba River Basinwide Plan

Dear Darlene:

At its January 18, 1999 meeting, the Lake Wylie Marine Commission approved the following comments to the Catawba River Basinwide Plan.

1. A minimum of a 100-foot buffer zone along the entire main stream of the Catawba River. Currently York and Chester Counties, South Carolina are considering similar requirements. A minimum of a 50-foot zone along all tributaries of the Catawba River. The buffer zone should be comprised of woody vegetation and include fines for removal of natural vegetative buffers.
2. Mandatory use of best management practices within the basin for construction sites (including residential), urban areas with populations greater than 50,000 as determined by the N.C. Data Center, and agriculture.
3. A halt on new floodplain development, better protection of wetlands and restoration of damaged wetlands.
4. Mandatory nutrient control technology on all NPDES discharges in the basin that discharge into watershed of eutrophic impoundments.
5. A moratorium on all package treatment plans that discharge into watersheds of eutrophic impoundments.
6. Color standards
7. More effective enforcement of existing buffer zones, sediment and erosion control regulations including review of local programs by the State. This would be similar to the supervision that the State of North Carolina has over local government fiscal management.
8. Moratorium on all clear cutting in the Catawba Basin until such time as buffer zones are established along tributaries of the Catawba River.

1300 BAXTER STREET-CHARLOTTE, N.C. 28204

Mr. Darlene Kucken  
May 7, 1999  
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Thank you for allowing us to comment on this issue. Please contact me at (704) 348-2705 if you have questions or need additional information.

Sincerely,



Michael McLaurin  
Executive Director



**MECKLENBURG COUNTY**  
Department of Environmental Protection

March 1, 1999

Ms. Darlene Kucken  
North Carolina Division of Water Quality  
P.O. Box 29535  
Raleigh, NC 27626

Subject: Catawba River Basinwide Water Quality Management Plan

Dear Ms. Kucken:

The Mecklenburg County Department of Environmental Protection (MCDEP) has reviewed and discussed the various water quality issues and concerns regarding the Catawba River Basin. Based upon our specific knowledge of the water quality within Mecklenburg County, MCDEP offers the following comments regarding the development of the 2000 Catawba River Basinwide Water Quality Management Plan:

- MCDEP, in conjunction with other local government entities in Mecklenburg County, has developed, approved, and begun implementation of Phase I of the Surface Water Improvement and Management (SWIM) Strategy. The ultimate objective of SWIM is to ensure that all surface waters in Mecklenburg County are suitable for prolonged human contact (see attached). SWIM Phase I has been fully funded with over \$800,000 for FY 98-99. We would suggest that the State consider using SWIM as a possible resolution to the TMDL requirements for streams on the 303d list within Mecklenburg County. Since this plan is already in place, it would minimize work for the State and would prevent duplication of efforts.
- MCDEP strongly supports the use of vegetated undisturbed buffers to protect surface waters from pollutants. It is recommended that buffer requirements be implemented along the Catawba River and its tributaries in an effort to help provide stream shading and reduce pollutant loads into the river. We would suggest using the SWIM buffer requirements, which were developed for Mecklenburg County, as a guideline for basinwide buffer requirements (see attached).

**PEOPLE • PRIDE • PROGRESS**

Ms. Darlene Kucken  
NC Division of Water Quality  
March 1, 1999  
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- MCDEP has observed the impacts of nutrients on several streams and lake coves, and feels that actions should be taken now to prevent this same situation in other Catawba River reservoirs. We recommend that effluent nutrient limits be imposed on all major NPDES facilities in the basin, such as what has been implemented at the McDowell Creek Wastewater Treatment Plant by the Charlotte Mecklenburg Utilities.
- In the past, Mecklenburg County has experienced major flooding episodes. This flooding has resulted in significant property damage, environmental problems, and in some cases the loss of lives. MCDEP recommends that stricter floodplain development restrictions be imposed throughout the Catawba Basin as part of the buffer requirements, similar to floodplain mitigation efforts currently being implemented by Mecklenburg County Storm Water Services. Floodplains should be left in their natural state in order that they may function as flood storage and water quality buffers.
- Fecal Coliform bacteria is the primary pollutant in most Mecklenburg County streams. One of the primary sources of this pollutant is overflowing and leaking municipal sanitary sewer collection systems. MCDEP recommends the implementation of stricter requirements for maintenance of municipal sanitary sewer collection systems and increased enforcement in regards to sanitary sewer overflows.
- Over the past five (5) years, MCDEP has observed a significant lack of enforcement of drinking water supply watershed protection requirements. We recommend enhanced enforcement of these rules to include routine reviews of local programs to insure compliance with State minimum requirements.
- Storm water sampling data collected by MCDEP shows significant increases in pollutant loads in basins with a high percentage of impervious cover. We recommend the implementation of mandatory requirements for the construction of structural Best Management Practices (BMP's) in new developments. Some BMP's in Mecklenburg County have significantly reduced pollutant loads. We suggest the prohibition of any direct discharge of storm water to a water body without prior treatment by an approved BMP. Grassed swales, vegetated buffers, level spreaders or other BMP's may be approved, depending on the density and topography of the development.
- MCDEP has observed significant increases in stream pollutants such as Zinc, Lead, Copper, and Chromium during storm events. We have also observed storm water pollutants in extreme amounts at several industrial facilities in Mecklenburg County. MCDEP recommends the development and implementation of water quality standards for storm water. The development of such standards would provide the enforcement tool

Ms. Darlene Kucken  
NC Division of Water Quality  
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needed to solve some of the non-point source problems in the basin.

Thank you for your continued efforts towards the protection of the Catawba River Basin. We appreciate this opportunity to comment on the development of the plan. Please feel free to give me a call if you have any questions or if we can be of any assistance to you.

Sincerely,

A handwritten signature in black ink, appearing to read "J. M. Barry". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

John M. Barry, Ph.D.  
Director

dmc/JMB

cc: Don Willard, Rusty Rozzelle, David Caldwell- MCDEP  
Wanda Towler- County Manager's Office  
Barry Gullet- CMU  
Dave Canaan- Mecklenburg Storm Water Services

