

# **Appendix IX**

## **French Broad River Basin Workshop Summaries**

## Issues Associated with Specific Waters of the French Broad River Basin

<b>Water/ Generalized Area</b>	<b>Subbasin</b>	<b>Issue</b>	<b>Workshop</b>
Swannanoa River	04-03-02	Development from Asheville and Black Mountain	Asheville
Little Ivy River	04-03-04	Straight pipes, cattle	Asheville Hendersonville
Davidson River	04-03-03	Eucusta site, who is responsible for this site	Asheville, Hendersonville
Grassy Branch	04-03-02	Fecal Coliform	Asheville
Bull Creek	04-03-02	Sediment and development	Asheville
Ross Creek	04-03-02	Urban stream, impacts from Asheville and Buncombe County	Asheville Hendersonville
Mills River	04-03-03	Development and associated problems; pesticides; maintain and improve current quality, drinking water source, floodplain encroachment, future growth	Asheville Hendersonville Waynesville
Bald Creek	04-03-07	Widening of US 19E	Asheville
Hominy Creek	04-03-02	Downstream of Enka	Asheville Hendersonville
French Broad River	04-03-01	Streambank erosion in Transylvania County, drinking water source, development and access roads, increased runoff	Asheville Hendersonville Waynesville
Cane River	04-03-07	Permit limits for dischargers	Burnsville
Gash Creek	04-03-02	Development pressure-moving from agriculture to semi-urban	Hendersonville
Mill Pond Creek	04-03-02	Starts in landfill, development	Hendersonville
Wolfpen Creek	04-03-02	Highway 64E	Hendersonville
Mud Creek	04-03-02	City of Hendersonville, Hendersonville WWTP discharge, runoff	Hendersonville
Brandy Branch	04-03-03	Part of Mills River Watershed, similar concerns	Hendersonville
Willow Creek	04-03-02	Agricultural practices, plowing close to creek	Hendersonville
Lower Clear Creek	04-03-02	Biological impacts	Hendersonville

Shaw Creek	04-02-02	Development impacts	Hendersonville
Ratcliffe Cove Branch	04-03-05	Agricultural, sediment concerns	Waynesville
Raccoon Creek	04-03-05	Agricultural, sediment concerns, US 19/23 construction	Waynesville
Jonathan Creek	04-03-05	Maggie Valley's WWTP compliance, future threats above confluence with Campbell Creek	Waynesville
Hyatt Creek	04-03-05	Livestock operations, hog farm, development, wastewater treatment package plant, eroding banks	Waynesville
Fines Creek	04-03-05	Poor land use management	Waynesville
Rush Fork	04-03-05	Dairy operations	Waynesville
Pigeon River	04-03-05	Concern above Canton, drinking water source, small individual developments - need septic permit, but do not need to provide stormwater control	Waynesville
Campbell Creek	04-03-05	Protection of drinking water source for Maggie Valley	Waynesville
Hurricane Creek	04-03-05	Sediment, road construction impacts	Waynesville
Banks Creek	04-03-07	Golf course expansion, trout not able to reproduce	Waynesville

### Issues Related to Urbanization and Land Use Changes Basinwide

<b>Specific Issue</b>	<b>Recommendation</b>	<b>Workshop</b>
Develop on steeper slopes	Need local sediment and erosion control programs; and education for developers, contractors and homeowners	Hendersonville Waynesville
Land conversion, improper growth, sprawl	Better land use planning, maintaining rural areas	Asheville Hendersonville Waynesville
Higher populations	Need lower density regulations	Hendersonville
Runoff tax/river basin impact (property) tax	Change the way stormwater and runoff is viewed, so that those implementing protective practices receive a financial incentive through lower taxes.	Asheville
Stormwater runoff and increased amounts of impervious surfaces	Require stormwater controls as part of the sediment and erosion control plans.	Waynesville
Development of roads in subdivisions	Need standards and technical assistance, as well as BMPs and stormwater controls to minimize impacts to water quality	Waynesville
Planning and placement of sewer extension	Reconsider county-wide sewer projects	Waynesville
Conservation easements	Protect high quality lands and water through easements with local agencies and organizations	Hendersonville

### Issues Related to Water Supply Quantity and Protection

<b>Issue</b>	<b>Workshop</b>
Residential development on WS-III – is there adequate protection outside of Critical Area above Canton	Waynesville
Drinking water supplies – not enforcing existing regulations for critical areas	Waynesville
Increased withdrawal of water from Mills River and French Broad for water supply	Hendersonville

## Issues Related to Enforcement, Permitting, Rule Making and Monitoring

<b>Specific Issue</b>	<b>Recommendation</b>
Local ordinances	Should be strengthened and reevaluated
Citizen monitoring	
Buffer Rules	Need more monitoring and enforcement
Point Sources	Should have to land apply all future flow increases
Land Application Sites	More monitoring of sites
Development	Sediment and erosion control inspections needed on development
Forestry	Forestry BMPs manual needed
Nonpoint Source	More inspectors needed
BMPs	Require BMPs to remove nutrients and sediment and remove minimum exclusion
Funding	More money for education and enforcement

## Issues Related to Funding Sources and Education

<b>Specific Issue</b>	<b>Workshop</b>
Misinformation	Asheville
Educational programs at local levels for builders and local politicians	Asheville
'Nemo' program for officials	Asheville
Incentives for promoting 'green' development	Asheville
Developing a check list for desirable development characteristics	Asheville
Citizen need to be informed about polluted runoff and microorganisms in private wells	Hendersonville Waynesville
Mutually beneficial buffers are needed	Hendersonville
Projects could be funded by water consumers	Hendersonville
Multiple small projects need to be funded to improve water quality (especially in headwaters)	Hendersonville
Farmland protection	Hendersonville
Funding needed for buffers	Hendersonville
Where can this funding be obtained?	Hendersonville
Well, septic system and groundwater education and awareness are needed	Hendersonville
Public education and outreach to landowners	Hendersonville Waynesville
Technical assistance and funding	Hendersonville Waynesville

Continued funding for straight pipe elimination	Hendersonville
Provide money to assist local governments with aging collection lines	Hendersonville
Who is going to pay for regulations?	Hendersonville
Continue education and technical improvements	Hendersonville
Education for contractors on BMPs (steep slopes)	Hendersonville
Education for developers on BMPs (steep slopes)	Hendersonville
Educate consumers on 'real' costs for high quality water	Hendersonville
Continued funding of cost share program to farmers over life of BMP	Hendersonville
One NC Naturally should look broader to other states to create a mechanized tool for assuring funding	Hendersonville
Bring One NC Naturally to the local level with withdrawers providing some funding to water quality maintenance fund – apply back to affected community	Hendersonville
Greater awareness to landowners about funding available to restore and protect water quality	Waynesville
Home buying and building guides for realtors to distribute	Waynesville
Educate lenders – justify costs	Waynesville
Grant funding for improvements	Waynesville
Clean water training programs for contractors and operators.	Waynesville
Make education materials on sediment/erosion controls to homeowners as well as contractors	Waynesville