

Appendix V

Lumber River Basin Workshop Summaries

Issues Associated with Specific Waters of the Lumber River Basin

Water or Area	Subbasin	Issue	Workshop
Naked Creek	03-07-50	Mining operation in headwaters.	Southern Pines
Lumber River	03-07-51	Salvage yard in floodplain of HQW portion of river, (west of I-95).	Southern Pines
Lumber River	03-07-51	Timber harvesting practices, removal of buffers.	Southern Pines
Pinebluff Lake	03-07-50	High levels of E. Coli from failing septic systems.	Southern Pines
Lumber River	03-07-51	Need for special monitoring during drought conditions.	Southern Pines
Robeson County	03-07-51, 52, 53, 54 & 55	Straight piping/failing septic systems.	Southern Pines
White Marsh	03-07-58	Loss of wetlands.	Bolivia
Gapway Swamp	03-07-51	Channelization.	Bolivia
Dunn Swamp	03-07-51	Channelization.	Bolivia
Shallotte River	03-07-59	Development impacts.	Bolivia
Lockwoods Folly River	03-07-59	Development impacts and natural flushing problems at the mouth.	Bolivia
Waccamaw River and Lake Waccamaw	03-07-56 & 57	Develop a trace system and identify corridors ½ - 1 mile and put in protection measures (i.e., buy-out, education).	Bolivia
Gum Swamp	03-07-57	Beavers. Get Beaver Management Assistant Program more staff.	Bolivia
Calabash River	03-07-59	Fecal coliform bacteria problems.	Bolivia
Caw Caw Swamp	03-07-57	Sedimentation, bulldozing stream ditches, nutrients.	Bolivia
Big Swamp	03-07-53	Logging of buffers, Alligator weed.	Southern Pines
Ocean Isle Beach	03-07-59	Bulkheads and canals caving in. Town council has committee to work on this.	Bolivia
Green Swamp	03-07-56	Alteration of hydrology.	Bolivia

Issues Related to Urbanization and Land Use Changes Basinwide

Specific Issue	Recommendation	Workshop
Lack of coordinated planning		Southern Pines
Destruction of wetlands	Restoration efforts.	Southern Pines and Bolivia
Need for grassroots and nonprofit organizations		Southern Pines
Need for canoe/boating accesses		Southern Pines
Increasing impervious surface	Tight zoning and better enforcement. Promotion of low impact development.	Southern Pines and Bolivia
DOT projects and lack of sedimentation control	Better use of BMPs and increase size of culverts.	Southern Pines and Bolivia
Golf course nutrient and chemical runoff		Southern Pines and Bolivia
Hydromodification		Southern Pines and Bolivia
Lack of defining timber harvesting versus development	NC Forestry Service guidelines need to be reassessed and become law.	Southern Pines
Stormwater runoff	More regional approach. Development of stormwater utilities.	Southern Pines and Bolivia
Adverse weather and hurricanes	Better planning in reference to wastewater and stormwater.	Bolivia

Issues Related to Water Supply Quantity and Protection

Issue	Workshop
Lack of planning by local governments to provide water for future needs.	Southern Pines
Low groundwater levels – high withdrawal.	Southern Pines
Hog operations' lagoons leaking to groundwater/surface water.	Southern Pines

Issues Related to Enforcement, Permitting, Rule Making and Monitoring

Specific Issue	Recommendation	Workshop
Noxious weeds, Alligator weed	Need to monitor. Get money to get rid of noxious weeds.	Southern Pines
BMPs	Need to retrofit stormwater BMPs. Need better enforcement with greater penalties. Better maintenance and construction.	Southern Pines
Straight piping/failing septic systems		Southern Pines
General noncompliance with existing rules	Provide performance information and more research on efficiency.	Southern Pines
Animal operations nutrient inputs		
Lack of adequate number of inspections		Southern Pines
Lack of appropriate stormwater management		Southern Pines
Mercury and atmospheric deposition		Southern Pines and Bolivia

Issues Related to Funding Sources and Education

Specific Issue	Recommendation	Workshop
Lack of education about water quality	More workshops/seminars/specific programs.	Southern Pines
Straight piping/failing septic systems	Homeowners' responsibility.	Southern Pines
Lack of understanding of who to contact regarding development and timber harvesting		Southern Pines
Sewer systems	County/State to provide grant funds to help get towns tied in with central sewer systems and grant writers and locating grant resources.	Southern Pines and Bolivia
Residential lawn care use	More specifications.	Bolivia
Media coverage	Have better media coverage about water quality educational programs.	Bolivia