

Appendix V

Neuse River Basin Workshop Summaries

Issues Associated with Specific Waters of the Neuse River Basin

| Water or Area | Subbasin | Issue | Workshop |
|-----------------------|----------|--|---------------------|
| Panther Creek | 03-04-01 | Cumulative impacts from nearby development. | Durham |
| Lake Michie | 03-04-01 | Eutrophication of water supplies and increased treatment costs. | Durham |
| Lake Rogers | 03-04-01 | Eutrophication of water supplies and increased treatment costs. | Durham |
| Upper Falls Reservoir | 03-04-01 | Eutrophication of water supplies and increased treatment costs. | Durham |
| Neuse Estuary | 03-04-10 | Eutrophication and increasing fish kills. | Durham and New Bern |
| Person County | 03-04-01 | Road building expansion of Hwy 501. | Durham |
| Johnston County | 03-04-02 | Sedimentation of streams near Clayton. | Goldsboro |
| Flat River | 03-04-01 | Decreases in animal operations and increases in development. | Durham |
| Little River | 03-04-09 | Increased development. | Durham |
| Eno River | 03-04-01 | Increased development. | Durham |
| Triangle Counties | 03-04-02 | Concerns regarding enforcement of existing laws and lack of intergovernmental communication. | Raleigh |
| Swift Creek | 03-04-02 | Supplemental classification to protect endangered aquatic life. | Raleigh |
| Crabtree Creek | 03-04-02 | Sedimentation for I-540 construction. | Raleigh |
| Raleigh | 03-04-02 | Monitoring of runoff from Raleigh WWTP land application site. | Raleigh |
| Trent River | 03-04-10 | Cost share money needed to reduce impacts of snagging operations. | New Bern |
| Brice Creek | 03-04-10 | Concerns regarding decreased fish populations. | New Bern |
| Slocum Creek | 03-04-10 | Toxic stormwater runoff. | New Bern |

Issues Related to Urbanization and Land Use Changes Basinwide

| Specific Issue | Recommendation | Workshop |
|---|--|-------------------------------|
| Loss of farmland | Zoning and land use ordinances. | Durham |
| Loss of forest | Zoning and land use ordinances. | Durham |
| Increasing impervious surface | Conservation planning. | Durham, Raleigh and New Bern |
| Increasing use of residential fertilizers | Education programs at retailers. | Durham, Raleigh and Goldsboro |
| Hydromodification | Control peak flows. | Durham |
| Stormwater retrofitting | Urban stormwater programs. | Raleigh |
| Auto emissions | Mass transit. | Raleigh |
| Stormwater runoff | Limit development establish urban growth boundaries. | Durham, Raleigh and New Bern |

Issues Related to Water Supply Quantity and Protection

| Issue | Workshop |
|--|-------------------------------|
| Lack of planning by local governments to provide water for future needs. | Durham |
| Dwindling water supply in coastal counties. | Goldsboro |
| Lack of water supply planning. | Raleigh, Durham and Goldsboro |
| Little effort to establish reuse program. | Raleigh |
| More public input needed on IBT and withdrawals. | Raleigh |
| Local governments need to work to provide future water supplies. | Goldsboro |
| Need to increase groundwater recharge in coastal plain. | Goldsboro |
| Need for increased protection of surface water supplies. | Durham |

Issues Related to Enforcement, Permitting, Rule Making and Monitoring

| Specific Issue | Recommendation | Workshop |
|------------------------|---|----------------------------------|
| Landfills | Require recycling and liners in all landfills. More public involvement in landfill siting. | Raleigh |
| Triangle Counties | Enforce existing laws. | Raleigh |
| Buffer Rules | Need more monitoring and enforcement. | Raleigh |
| Point Sources | Remove from floodplain. | Raleigh and New Bern |
| Land Application Sites | More monitoring of sites. | Raleigh |
| Package Plants | More monitoring and elimination of bad plants. | Raleigh |
| Waste Haulers | Need to monitor. | Raleigh |
| Monitoring Data | More public access to DWQ monitoring data. | Raleigh |
| Nonpoint Source | More inspectors needed. | Raleigh |
| BMPs | Require BMPs to remove nutrients and sediment and remove minimum exclusion. Provide performance information and more research on efficiency. | Goldsboro Raleigh |
| Septic Systems | Create incentives for monitoring existing systems. Increase funding for alternative systems. Require maintenance by rule. | Goldsboro New Bern Raleigh |
| Nitrogen | Develop standards for and limits for areal deposition. | New Bern |
| Shellfish Closures | Rule needed to prevent future closures. | New Bern |
| Brine Discharges | Develop rules for reverse osmosis discharges into freshwater streams. | New Bern |
| Funding | More money for education and enforcement. | New Bern |

Issues Related to Funding Sources and Education

| Specific Issue | Recommendation | Workshop |
|--|------------------------|-----------------------|
| Loss of technical assistance | Go to general assembly | Durham |
| Need for BMP research | | Raleigh and Goldsboro |
| Resources to address known problems | | Raleigh |
| Education | | Raleigh and New Bern |
| Farmer funds | | Raliegh |
| Homeowner education on fertilizer application | | Raleigh |
| Education for local officials | | Raleigh |
| Resources to address nonpoint source pollution | | Raleigh |
| Education on buffers | | Raleigh |
| Cost share funds should be targeted to the Trent River | | New Bern |
| Money needed for septic system repairs | | Raleigh and Goldsboro |
| Farmland protection | | Raleigh and Goldsboro |
| Protection of sensitive areas | | Durham |
| Open space preservation | | Durham and Raleigh |