

project areas. While this plan is a "living" document, and will improve as we learn more about our watershed, it is nice to have the initial plan done.

A copy of the final plan may be viewed at our website at www.haywoodwaterways.org. Please contact Gordon Small at 828-452-3323 if you have any questions.

Waynesville Middle School Receives GLOBE Program Award

Waynesville Middle School made the GLOBE Program's "Chief Scientist's Honor Roll" in Hydrology for the four month periods ending: November 2000, January 2001, and March 2001. The GLOBE program is a worldwide hands-on, primary and sec-



Andy Schaefer, Brian Ferguson and Dana Madej

ondary school-based education program. Students take scientifically valid measurements and report their data through the Internet. Measurements about the atmosphere, water, soils and land cover are reported, mapped and graphed and made available in a database. Students and scientists from countries all over the globe collaborate in this effort.

Waynesville Middle School students are testing Richland Creek weekly and reporting their Hydrology data for posting on the Internet (www.GLOBE.gov). Ron Moser takes a group of

students to Richland Creek on Friday mornings to test four parameters: turbidity (cloudiness), pH, temperature and dissolved oxygen. They use chemical and visual tests to evaluate water quality. You can see the Waynesville Middle School data at the GLOBE website in the data archive. Mrs. Jane Markley is a trained GLOBE teacher who enters the data for the students and is the contact person at the school.

The GLOBE Program

Global Learning and Observations to Benefit the Environment

My name is Andy Schaefer. I am 14 and am currently enrolled at Waynesville Middle School. Two other students and I have been working with Mr. Ron Moser every Friday morning since the beginning of the school year, testing the water in a nearby stream, Richland Creek.

We have tested three things in our stream. One test is water transparency. We use a clean pail to collect creek water, and gradually pour it in the turbidity tube. We then record how far we can see down the tube, judging the water's cloudiness.

Another test is for pH. This determines if the water is acidic or basic. Our data usually proves to be about neutral. We add some chemicals to one test tube of creek water and compare it to another test tube of regular creek water. We then use a pH color scale to find the pH rating.

The third test measures the oxygen in the water. Mr. Moser taught me that the colder the water, the higher the oxygen level; the warmer the water, the lower the oxygen. Since we have mainly tested in the winter months, the oxygen level has been pretty high.

I have looked at the GLOBE website and think that it's a great source of water quality data. It shows similar testing information about streams all over the world.

The GLOBE program has helped me become more aware of problems in our county, such as erosion and pollution. The program has opened my eyes to problems I think I can help solve.

I thank Mr. Moser and the people in our county who help sponsor the program, and hope they can continue to teach young people about our local streams.

HWA Selects a New Chairman for the Membership Committee

HWA member and volunteer Jon Barbour has been selected by our Board of Directors to serve as Chairman of the Membership Committee. He brings extensive administrative skills and a desire to help with the conservation work of HWA. We are fortunate Jon chose Haywood County as his home and is willing to share his talents with HWA.

Jon was born and raised in Burlington, NC. He retired from Georgia Tech in the fall of 1998, after working primarily in financial administration for 32 years. Over the years, Jon and his wife Beverly enjoyed frequent visits to the mountains. They moved here in the spring of 1999. Jon enjoys gardening,



Jon Barbour

walking, and reading, tutoring through the Literacy Council, and trail maintenance on the Mountains-To-Sea Trail.

The Board of Directors hopes to involve more HWA members in our efforts to monitor and improve water quality. Jon will be working with the Board to increase HWA member participation. Jon will be expanding the Membership Committee and is looking for active volunteers. If you have the time and are willing to get involved, please contact Jon at 456-5143 or HWA at 452-9077. Thank you Jon and welcome aboard!