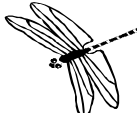


# White Oak River Watershed Advisory Board



## October 2001 MINUTES

www.ces.ncsu.edu/WECO

For Monday, Oct. 8, 2001 held at the Carteret County Annex

**The Next WORAB meeting is on Monday November 12 from 7:00-9:00p.m. at the Carteret County Annex Building in Cedar Point.**

### Agenda

**Review draft letter to County Commissioners regarding funding of USACE  
Plan presentation to County Commissioners  
Schedule dates for watershed survey**

### **Attendance:**

#### *Community members:*

Elmer Eddy	Steve Malay
Bob Fox	Jane Hoveland
Thurman Upchurch	Connie Asero
Sam King	Bill Norris
Bob Wolfe	Russ and Gerry Howell
Gene Heath	Randy Mason

#### *CES and supporting agency attendees:*

Christy Perrin, WECO, NCSU  
Jason Jolley, WECO, NCSU  
Lisa Wimpfheimer, CES Carteret  
Bill Kirby-Smith, Duke Marine Lab

#### *Volunteers for Watershed Survey:*

Bob Wolfe  
Steve Malay  
Thurman Upchurch  
Lisa Wimpfheimer  
Jane Hoveland  
Sam King  
Bob Fox  
Gene Heath

### **Welcome and Introductions**

Christy Perrin opened the meeting and introduced Jason Jolley, the new program associate for WECO. Members and guests introduced themselves.

### **Review of WORAB Purpose and Membership Status**

**Christy Perrin, NCSU**

Christy reviewed WORAB purpose for the benefit of guests and new members in attendance.

### **WORAB Purpose**

*The vision of the W.O.R.A.B. is to create a climate of local concern and empowerment to improve and maintain water quality in the watershed. This will involve managing the river and its associated land uses to provide for support of water uses, protect long-term water resource values, and sustain their contribution of economic benefit to the surrounding community.*

### **Membership Status**

Christy reminded the group that membership on the Advisory Board is subject to appointment by the Boards of County Commissioners. However, the WORAB previously agreed to maintain the "official" core group, but open the process to include individuals from Pettiford Creek watershed and Swansboro for the 319 project. Christy asked the group to discuss three questions:

1. Does the group need a name?
2. Does the group need a new WORAB chair?
3. Who are the decision-makers beyond the 319 project?

**DECISION:** The committee decided that some formality is more advantageous when the committee takes positions on issues. It was recommended that committee members and WECO present an updated list of members to the County Commissioners and provide an update on project status.

*Continued on Page 2*

**DECISION:** The committee also recommended that the Izaak Walton League be added to the committee and Bob Wolfe serve as representative. They also recommended that Connie Asero serve as a representative for recreation and tourism.

Christy will also contact Paul and Nancy Shuta of the Hidden Bay Subdivision in an attempt to gain representation from development and real estate interests.



### **Update on Town of Swansboro BMPs**

**Christy Perrin, NCSU**

Christy reviewed the revised timeline for the project. A list of potential restoration sites should be submitted to the Town of Swansboro for approval in winter 2001. Following council approval, BMPs will also be designed and reviewed.. Larry Faison, Swansboro's new town manger, recommended to Christy that we add a vacant municipal lot adjacent to the White Oak River to the potential BMP list.

### **Update on Pettiford Creek portion of 319 Project**

**Christy Perrin, NCSU**

Christy reviewed the timeline for the Pettiford Creek portion of the 319 project. In Winter 2001/2002, board members will assist in surveying the community to identify activities that lead to pollution. Board members and other volunteers will work in teams of two to administer the survey. A sign-up sheet for volunteers was distributed and a training date is set for the January meeting. Steve Malay offered to poll the Izaak Walton League and Connie Asero offered to poll the Kayak club for volunteers. Volunteers will be required to attend the training meeting, which is tentatively scheduled for the January 7, 2002 meeting.

**DECISION:** The group agreed to schedule the watershed survey for Saturday, January 26, 2002.

### **Pettiford Creek Stormwater Monitoring Locations**

1. Star Hill-where golf course drainage flows under road near a vacant lot (drains golf course and residential)
2. Small tributary that runs under Hwy 58, just north of Hwy 24 near Parkerton Inn. Drains hwy runoff, marina, and residential areas.
3. Small tributary in the Croatan Forest that drains forested areas.

### **Update on Monitoring Efforts**

**Bill Kirby-Smith, Duke University Marine Lab**

Bill distributed a handout consisting of a map highlighting sample points and levels of fecal coliform detected at each site for sampling to date. Bill informed the group that he was engaging in "forensic ecology" by identifying where to conduct routine monitoring. He is able to take 15 samples per trip at different places. He needs data for ten replications at one site and then begins to look for patterns and settle on places to conduct further sampling.

He began sampling in more open water and moved toward the shoreline. He noted that the bridge is a good break point in hydrology between the upper and lower portions of the creek. In the tests for fecal coliform he is looking for 14 colonies in a background of 10 million. Bill referenced the handout and noted that sampling measurements ranging from the teens to 100s is of little concern for human contact but could be damaging to shellfish. Sampling with ranges of 200+ is dangerous to swimmers and sampling falling between 500 and 1000 are dangerous to humans

Bill noted that sources of fecal coliform are higher near freshwater. He also noted that he is looking for "hot spots", not just area with a high number, but areas with a high number relative to the size of the basin or body of water. He will continue looking throughout the fall season and noted that fluctuations could occur during heavy rainfall. Bill also noted that counts upstream of human habitation that were high just during low tide



