



**MEETING SUMMARY
NORTH CAROLINA CLIMATE ACTION PLAN TECHNICAL WORK GROUP**

Agriculture, Forestry, and Waste TWG Call #1, April 13, 2006

Attendance:

1. TWG Members: Stan Adams, John Bonitz, Anne Coan, Marion Deerhake, Bob Hazel, Dennis Hazel, Amy McDonald, Stephen Smith, Kraig Westerbeek, Stephen Whitfield, Larry Shirley
2. Public: Colleen Hudak-Wise (NCDA & CS, sub for David Smith), Chris Hopkins (DFR), Bob Leeker (State Energy Office)
3. CCS: Tom Peterson
4. DAQ/DENR: Brock Nicholson, Heather Hawkins, Kim Garnett, Jim Southerland, Patrick Butler, Charles Davis, Gary Saunders

Background documents:

(all posted at [http://www.ncclimatechange.us/Agriculture Forestry.cfm](http://www.ncclimatechange.us/Agriculture_Forestry.cfm))

1. Agenda
2. Power point Presentation to the AFW TWG
3. Catalog of State Climate Mitigation Options
4. NC Greenhouse Gas Inventory and Forecast, 1990-2020

Discussion and conclusions:

1. Review of TWG process – schedule, TWG roles, tasks
2. Brief review of the GHG Mitigation Options
 - a. Discussion on radiative forcing. For TWG call #2 CCS will prepare a table depicting each pollutant's radiative forcing effect.
3. Brief review of Catalog of Mitigation Options
 - a. Additions to the catalog of mitigation options should be emailed to Tom by April 21, 2006. Additions can be made at any time; however, as we get further into the

TWG cycle in becomes less and less feasible to add items for evaluation, based on time constraints.

4. Suggested additions to the Catalog of Mitigation Options:
 - a. Stephen Smith suggested adding an option under AFW-2: Using Bio-char as a soil amendment. It is supposed to increase soil productivity as well as soil carbon storage (see UGA or Cornell studies).
 - b. Mr. Smith also suggested: Converting diesel farm equipment to bio-diesel equipment.
 - c. John Bonitz suggested adding an option under AFW-5: Encourage farm level, or community level, oilseed pressing for bio-diesel production and use as farm equipment fuel. Mr. Larry Shirley stated that there is a tremendous potential and opportunity for bio-diesel use in current farming processes across the state that is not economically strenuous.

Next steps:

1. Mr. Chris Hopkins stated that many of the forestry options are in place throughout the state. Tom Peterson suggested that the group could, if it wanted, expand on those current practices and any other “base” actions. Mr. Hopkins will prepare a short narrative on what forestry practices NC currently has in place and where those current forestry practices alone should take NC in the future, related to GHG emissions.
2. Next call should focus on how to prioritize the options and continue update and review of the catalog of actions. Time permitting the TWG also will begin review of the agriculture and forestry inventory and forecast presented to the CCAG.
3. Next call will be Friday, May 5, 2006, 10:30 AM – 12:00 PM