



www.arclimatechange.us

MEETING SUMMARY
ARKANSAS GOVERNOR'S COMMISSION ON GLOBAL WARMING
Agriculture, Forestry and Waste Management (AFW) Technical Work Group (TWG)
Call #13, July 22, 2008, 1:00 to 3:00pm CST

Attendees:

TWG Members: Bill Reed, Aubra Anthony, Miles Goggans, Annett Pagan, Steve Cousins, Kevin Smith, Jerry Farris PhD.

Advisory Body Members: John Shannon (AR Forestry), Adrian Baber, (AR Natural Resources Commission), Karen Bassett (ADEQ)

Arkansas Governor's Office: Jillian Hicks

Center for Climate Strategies: Joe Pryor, Jackson Schreiber, Jen Jenkins

Members of the Public: Jared Nunnery

Background Documents: (all posted at www.arclimatechange.us/AFW.cfm)

- Summary of Call #12
- Meeting Notice and Agenda
- PowerPoint for Meeting
- AFW Straw Proposal Document

Discussion and Conclusions:

Introductions

Review and Approval of Prior Call Summary

No Comments. The Call Summary was approved.

Discuss Development of Policy Options including quantification

AFW-9

- AR DEQ pointed out that in the key uncertainties, some new landfills could require capture at any given time.

AFW-4

- Annette Pagan has been working on a report that outlines what land might be available from marginal agricultural lands. Marginal agricultural lands may not be very economical for energy crops, because it is less productive land. She will forward this study along to CCS to help provide an additional source on biomass supply.
- There was discussion of whether the 1.6 million acres being converted from marginal agricultural land to energy crops is truly feasible, given the difficulties that come with land conversion.

- The transportation costs of biomass are often distance based, and so the TWG will try to provide a \$/ton transportation cost, given the assumption that biomass is traveling 30 miles.
- Dick Carmichael from *Biostock Services* has worked with these types of numbers in Arkansas, could be helpful in quantification. Aubra Anthony agreed to contact Mr. Carmichael. Annett Pagan will forward Mr Carmichael's details to Mr. Anthony.
- There was a question of what land is considered marginal Agricultural land, and what crops are typically grown on them. CCS will follow up with NRCS to seek more information on the types of crops which are grown on these lands and what makes them marginal.
- Annett Pagan will forward information on poultry litter and different types of furnaces for providing heat in poultry facilities.
- There was a request for more information on the steps taken in Table 4.6. The information being used in this table has several steps left out, so the quantification should be clarified further.

AFW-2

- The TWG felt that there needs to be some consideration of reduced production from no-till practices. CCS will contact Richard Bell and NRCS to determine if appropriate Arkansas information is available.
- The reference for the life cycle emissions from nitrogen needs to be expanded, as it is currently stated the TWG members cannot access the file in question.

AFW-3

- There was some discussion of whether the figure of 96% of groundwater and surfacewater going towards irrigation is reasonable. NRCS should be contacted to determine the rates of surface and groundwater being used in irrigation.
- In addition, the number of out-of-state sources being used in the analysis was questioned. CCS will seek additional input to provide Arkansas-specific information for this option.

AFW-7

- The Urban Forestry goal has been scaled down because it is simply not practical to implement the goal at the level at which it was previously written.
- There was a question regarding the costs of trees for urban forestry, because the size is the important factor in the costs of urban forestry trees (seedlings cost \$0.20 each).
- There was discussion of whether the 50% goal for forest management practices on private land was too high.

Agenda, Date and Time for Next Meetings

AFW TWG Call #14 – August 12, 1:00-3:00pm

AFW TWG Call #15 – September 2, 1:00-3:00pm

AFW TWG Call #16 – September 16, 1:00-3:00pm

Public Comments and Announcements

No Comments