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**MEETING SUMMARY**  
**ARKANSAS GOVERNOR'S COMMISSION ON GLOBAL WARMING**  
**Agriculture, Forestry and Waste (AFW) Technical Work Group (TWG)**  
Call #1, February 20, 2008

**Attendees:**

**TWG Members:** Aubra Anthony; Steve Cousins; Jerry Farris, PhD; Richard Ford, PhD; Miles Goggans; Bill Reed; Kevin Smith

**Advisory Body Members:** Richard Bell, John Shannon

**Governor's Office:** Marc Harrison

**Center for Climate Strategies:** Steve Roe, Joe Pryor, Jackson Schreiber

**Members of the Public:** Mark Allison

**Background Documents:** (all posted at [www.arclimatechange.us/AFW.cfm](http://www.arclimatechange.us/AFW.cfm))

1. Meeting Notice and Agenda
2. PowerPoint for Teleconference
3. Catalog of State Actions
4. Descriptions of State Actions

**Discussion and Conclusions:**

**Introductions and Review of Agenda**

*Roll call and introductions of TWG, State and CCS contacts.*

- a. Steve introduced Joe and himself, provided some background on their work with CCS in facilitating AFW workgroups in other states.
- b. TWG members also introduced themselves.

*CCS reviewed the Agenda*

**Purpose and Goals**

- 1) CCS reviewed the 10-Step Planning Process and where the TWG was in the process (Steps 2 and 3).
- 2) The GHG Inventory and Forecast should be complete within the next 2 to 3 weeks and the TWG will be notified when it is posted. A detailed review of the AFW components of the I&F will occur during subsequent TWG calls.
- 3) Our two tasks are identifying important policy option priorities and reviewing the Inventory and Forecast.

- 4) Aubra Anthony – Looking at Catalog, there is a column on potential GHG reduction, but isn't there GHG sequestration, shouldn't that be in the catalog? CCS explained that the term "GHG reduction" should be taken to mean the net effect of a policy that includes both reducing emissions and/or increasing sequestration.
- 5) Most studies seem to show land use effects are really important in GHG reductions, what methodologies are we going to use? Given the lack of consensus opinion on how to tackle GHG reductions, how do we plan GHG reduction strategies? CCS provided some general ideas on how these reductions can be quantified, but also explained that it is a bit early in the process to get into detailed discussions on quantification. The goal for this meeting was to insure that a full catalog was complete and ready for GCGW review next week.
- 6) Richard Ford – It is important to remember our goal of reducing GHG, because we can be sidetracked by alternative goals like reducing fuel use, saving food, etc. We need to make sure that we remain on topic for our one goal. CCS added that the ancillary issues, depending on their perceived importance by the GCGW, could affect the ranking of priority policies for AR

#### Review of TWG Goals to Prepare for GCGW Meeting #4

- 1) First important thing is to ensure that everything that needs to be in the catalog for consideration is indeed in the catalog.
- 2) The commission meeting is next week, so the TWG needs to complete and post a draft of catalog (complete list) by COB 2/21/08. Important to assure that there aren't any broad policy options missing that anyone would like to investigate.

#### Review of Catalog of State Actions

- 1) A Quick overview was given of the catalog, what information is there, etc.
  - a) CCS also pointed out that there is the Catalog Descriptions document to provide additional details on each policy option.
  - b) There was a question regarding if there will be a glossary of terms. CCS asked the group to always ask questions when an acronym needed definition or where a term needed definition. The I&F report and Final Report for the process will have acronym lists at the front of each document.
- 2) A review was then done for each group of policies in the catalog.

#### AFW-1

- i) A TWG member encouraged cogeneration at any AG-biomass energy site, because these are always more efficient than a power plant. Also, any facility that has steam produced should be doing this, regardless of where that comes from (including natural gas users). Could be part of 1.1, but could be new policy as well. **Action Item:** 1.4 will now be "Encourage Cogeneration at AG-Biomass Energy Sites."
- ii) **Action Item:** As a technical correction, instead of Act 1287 it is Act 87. The AR code is 26-52-401.
- iii) **Action Item:** Bill Reed – The recent actions under 1.3 should be moved to 2.1. 1.3 is talking about using manure for production of fuel, but the recent actions were more for manure management.

#### AFW-2

- i) Maybe we should explore movement of manure from nutrient surplus to nutrient deficient areas. This should probably be an element of 2.1. Add a notation about this in 2.1.

**AFW-3**

- i) Steve Roe- The recent actions for 5.2 should be moved to 3.2, it fits a bit better, because 5.2 is broader policy option than option 3.2 which focuses on nutrient management.
- ii) Increase use of surface water over groundwater, which would have benefits in AR. AR has lots of surface water, and if it was used instead of groundwater, could reduce GHG emissions associated with pumping. This issue fits under both 3.2 and 3.4, so CCS will make a note of this in both.
- iii) Water Management should include both drainage and irrigation, though the TWG felt that no changes are necessary, since both are mentioned in the catalog.

**AFW-4**

- i) **Action Item:** Change “grasslands” to “permanent cover” in 4.1

**AFW-5**

- i) No Comments

**AFW-6**

- i) **Action Item:** 6.3 change to “improve energy capture within forestry products industry.”

**AFW-7**

- i) 7.1, Forestland is expanding in AR over the last 30 years. So we aren’t having the problems that many southern states are encountering. If we want to continue expanding forest cover, we need to incentivize it.
- ii) Cannot make the assumption that harvested land for biomass, etc. is then reforested so as to have carbon benefits. It is important that we encourage reforestation. Make sure this is included in the name of 7.1 and is mentioned as an element of Options 7.3 and 7.4.
- iii) **Action Item:** In 7.3, the word Reforestation should be used, it currently says Restoration.

**AFW-8**

- i) There is an existing policy that should be considered under Recent Actions, the Energy and Natural Resource Conservation Act (22-3-1801), which encourages the use of LEED standards in state buildings. This allows wood use to be included in green buildings. It also created a sustainability task force. This is a recent bill, and should be considered as a recent action under 8.3.

**AFW-9**

- i) CCS noted that groups 9-11 are waste management categories, and pointed out that since the TWG doesn’t have a lot of waste management sector representation, TWG members should be sure to questions if they don’t understand a particular policy option.
- ii) **Action Item:** 9.1 need to acknowledge opportunities for “Advanced Recovery” in addition to recycling. Office paper in particular is a waste component that should be targeted.

- iii) Could we have some sort of monitoring of interstate waste shipments? Because importing waste from other states also adds to the GHG emissions for AR. **Action Item:** Add 9.8 “No Net Increase in Imported Waste” to address this issue.

**AFW-10**

- i) No comments

**AFW-11**

- i) No Comments

**Agenda, Date and Time for Next Meetings**

CCS will send out an email about scheduling the next meeting. Sometime during the week of March 11<sup>th</sup> looks to be the best. The email will allow for us to coordinate a date and time that works best for the most TWG members.

**Public Input and Announcements**

None

CCS thanked all members for their meaningful contributions and excellent discussion.