



MEETING SUMMARY
IOWA CLIMATE CHANGE ADVISORY COUNCIL
Agriculture, Forestry and Waste Subcommittee
Call #13, August 21, 2008

Attendance:

Subcommittee members: Richard Cruse, Deane Lemke, Dave Miller, Dawn Snyder, Duane Sand
Center for Climate Strategies: Joe Pryor, Jen Jenkins, Jackson Schreiber
Iowa Department of Natural Resources: Aaron Brees, Marnie Stein
Members of the Public: Rick Robinson - Iowa Farm Bureau

Background Documents: (http://www.iaclimatechange.us/Agriculture_Forestry.cfm)

1. Meeting Notice and Agenda
2. PowerPoint for Teleconference
3. Summary of Call #12
4. Policy Options Document

Discussion and Key Items:

Call to order and roll call – CCS Introductions

Review and approve prior call summary

The previous Call Summary was approved.

Review Policy Options Document

AFW-2

- This goal has been modified slightly and quantified, which is the most significant revision of the POD since the previous meeting.
- Dean Lemke provided a background on the policy and summarized the quantification.
- The intention of this policy is to improve the drainage of wetlands to prevent N₂O emissions. There are potential additional benefits in terms of water quality.
- CCS will note the potential for methane emissions in wetlands, but this will be lower than the emissions reductions from N₂O. This relationship between methane and N₂O emissions is always difficult in wetlands, and was considered in the analysis. CCS will try to expand the text to elaborate upon the quantification that has been done on this option.
- There were no objections to taking this analysis forward to the ICCAC.

AFW-5

- There was a question of whether the estimate of sequestration/acre for Iowa trees is too high.
- The sequestration/year will be changed to 1.5 tons per year for a forest that is increasing its carbon stocks.

- Fencing costs are very significant in this option. It will be assumed that an average plot is 40 acres and two sides need to be fenced in order to prevent livestock from entering forested areas. Consultation with Larry Beeler could help with this. Jim Gillespie could be another source for costs/acre of fencing.
- There was concern expressed that the assumed price of carbon for CCX trading, etc, is inconsistent. The number of \$4/ton will be used throughout the POD.
- There were no objections to taking AFW-5 forward to the council, noting the forestry revisions.

AFW-4

- CCS should note that a lot of the cost savings in this option are from state investment through existing policies. The subcommittee requested that the state production tax credit be removed from the analysis to reflect the true cost, which will result in a net cost for this policy.
- The differences between anaerobic lagoons and deep pit storage are too large, and the Vanotti study is not applicable to improved manure management on deep pit storage. While GHG reductions are possible through improved manure management for deep pit storage, those reductions will not be quantified due to lack of data.
- The reductions through improved manure management of anaerobic lagoons will be quantified according to the GHG benefits and costs of Vanotti.
- Pending the changes discussed at this meeting and further consultation offline, there were no objections to taking this option to the council.

AFW-1

- Nitrate testing is an annual cost, rather than every four years. This change will be made in the analysis.
- There are no labor costs currently accounted for soil testing. This will be noted in key assumptions.
- There were no objections to taking this option forward to the council.

AFW-3

- This option will be taken forward to the council.

AFW-6

- The analysis we are showing includes the federal subsidy within the farm bill. The costs without the subsidy will be included in a separate table for subcommittee and ICCAC members to see.
- Noting that this information will be shown, the subcommittee felt comfortable going forward with this analysis to the council.

AFW-7

- This option will be taken forward to the council in its current form.

AFW-8 and AFW-9

- There was some concern about moving forward with the waste issues given the lack of expertise on waste issues currently on the call.
- However, the subcommittee agreed to take these options as they stand to the council, in the hope that they can move forward with these issues.

Next Steps for AFW Subcommittee

Agenda, Time and Date for Next Meetings

- The next ICCAC meeting is on September 3-4.

Public Input and Announcements

- Duane Sand complemented everyone for their good work, particularly given the difficulties in Iowa with the flooding.

Thank you to everyone who participated on the call and contributed to the discussion of these issues.