



MEETING SUMMARY
IOWA CLIMATE CHANGE ADVISORY COUNCIL
Agriculture, Forestry and Waste Subcommittee
Call #14, October 1, 2008

Attendance:

Subcommittee members: Peter Thorne, Rick Cruse, Duane Sand, Dave Miller, Dawn Snyder, Dean Lemke

Center for Climate Strategies: Joe Pryor, Jackson Schreiber

Iowa Department of Natural Resources: Marnie Stein

Members of the Public: None

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

1. Meeting Notice and Agenda
2. PowerPoint for Teleconference
3. Summary of Call #13
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

- Subcommittee wanted this option to be reconsidered by the council.
- Currently existing laws are problematic for improving the drainage of wetlands, because they are designed to protect the status quo. The 6 million acres are going to need new plugs (because they are almost 100 years old). Estimated 1.79 MMtCO₂e reductions by 2050, although reductions by 2020 are quite small.
- The 7-20% additional agricultural revenue from improved drainage is justified based on Iowa State estimate. Does not include improved nutrient management, only improved water management.
- Need to highlight the 2050 benefit rather than the 2020 benefit, because this policy is not appealing from a 2020 perspective, but is useful for a 2050 GHG plan.
- The costs for this program are going to depend on how it is implemented.
- CCS will revise this policy option and then send it out to the subcommittee for any additions/suggestions that subcommittee members may have.

AFW-4

- It was agreed that the analysis will only consider converting anaerobic lagoons, but be careful to note that there is potential to use this new technology on other systems such as deep pit manure management systems as well. Because of the relative differences between deep pit and anaerobic lagoon technology, it is likely that the costs associated with replacing deep pits with aerobic treatment measures would have significantly different costs (particularly in Iowa-specific conditions).
- The cost analysis for this option will be changed, to reflect a net savings of \$0.75 per finished pig, as it is found to be in the latest Vanotti study. This is the cost savings of replacing an existing (and functional) anaerobic lagoon with this new aerobic manure management system.
- Mention of manure applications in fields (at the beginning of AFW-4) should be moved to the discussion of AFW-1.

Implementation Mechanisms

If subcommittee members have any additions to make to implementation mechanisms, that can still be made, although it will need to be noted to the ICCAC.

Overlap Discussion

- The standard procedures to address overlap between different subcommittees were discussed.
- The attempt is made to reduce GHG benefits and costs associated with these savings according to what is already being counted in other sectors. These changes are articulated in on page 2 of the POD.

Agenda, Time and Date for Next Meetings

- The next ICCAC meeting is on November 10, 2008.

Public Input and Announcements

None

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