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DRAFT TELECONFERENCE MEETING SUMMARY
AFW Policy Working Group
Call #8, July 13, 2007

Members Attending:

Tom Fry
Susie Gordon
Mike Ryan
Tim Sullivan

Governmental agency liaisons: none

Rocky Mountain Climate Organization: Tom Easley

Center for Climate Strategies: Steve Roe, Katie Bickel, Brad Strobe

Agenda Item#1: Review of Call #7 Summary. CCS reviewed the call summary. No changes were requested by the PWG.

Agenda Item#2: Review of Status of CAP Process: CCS provided a slide on the 10-Step CAP Process and the point at which the process is currently (Step #4; Evaluate GHG reduction potential, cost effectiveness, and additional issues). **CCS emphasized that there would only be two more PWG meetings for this CAP process (both in August, see below). Attendance and contributions from PWG members is critical to production of the Policy Options Document needed by the CAP. PWG members need to provide input via the lead PWG volunteer for each option to Katie Bickel (Forestry Options) or to Steve Roe and Brad Strobe (Ag. and Waste Options) by Wednesday of next week in order for CCS to complete a draft Policy Options Document for CAP review on August 1. Areas of focus for PWG members on each option are the Implementation Mechanisms, Other Related Policies/Programs, and Additional Benefits and Costs sections.**

Agenda Item#3: Review of Revisions to the Draft Inventory and Forecast (I&F): CCS notified the PWG that the agenda on the call PowerPoint will be addressed out-of-order, allowing the recent revisions to the Draft I&F to be considered first. The waste management sector estimates have been revised in accordance with input from a PWG member. These changes will impact the quantification of AFW-10. No further comments on the Draft I&F were offered by the PWG.

Agenda Item#4: Review of Draft Policy Options Document. CCS began the discussion of the Policy Options Document with a discussion of AFW-10. PWG members had been working off-

line to revise language in the document and will provide this specific input off-line. CCS reminded the PWG that the CAP has approved the Option Description and Option Design sections. Therefore, it would be best to avoid major changes to these sections at this time.

CCS returned to AFW-1 to begin the option-by-option review of the current progress on completing the template for each option. CCS and a PWG member noted that the Implementation Mechanisms for this option are not specific enough to complete a comprehensive analysis of policy option costs. Information from the PWG members regarding the cost of implementation of no-till or nutrient management would aid the development of a cost-effectiveness estimate.

AFW-2: CCS requested information from PWG members regarding the number of animal feeding operations (AFO) in Colorado, with a distribution by size of operation, so that the feasibility of manure management implementation for the range of AFOs may be assessed. The initial quantification will apply mainly to swine and dairy operations, due to the extremely high cost of implementation found during assessment of this option at beef feedlots in other states. Additional input on implementation mechanisms from PWG members is also needed on this option to aid quantification. Also, the workgroup was asked to provide information for the Additional Benefits and Costs and Feasibility Issues sections.

AFW-3: CCS reported that the quantification of this option is nearly complete, only awaiting data regarding the use of electricity by the agricultural sector in CO. CCS will get in touch with the ES PWG to determine CO electricity sales to the agricultural sector. CCS will also check whether data are available through the USDA.

AFW-4: CCS asked the PWG to weigh in on the expected biodiesel feedstocks over the policy period; data that are necessary to complete quantification of this option. Additionally, business-as-usual (BAU) production of biodiesel is needed to develop a target production schedule. Concern was raised regarding competition over land between energy crops and food crops. A potential solution in the literature is to promote the use of emerging technologies (e.g. algal oils) to avoid significant disruption of food and animal feed crops (conceivably, these would be available in the latter half of the policy period: 2015-2020). If PWG members agree, additional implementation language should be provided to Brad and Steve.

AFW-5: CCS noted that implementation mechanisms have yet to be provided by PWG members. The addition of these mechanisms would help CCS revise the AFW-5 quantification prior to the CAP #5 meeting. A PWG member remarked that it is necessary to consider the GHG and cost component of land conversion in the final review of this option. CCS noted that this would be a good bullet to add to the Feasibility Issues and Additional Benefits and Costs sections of the Policy Options Document.

AFW-6: PWG members and CCS have been working off-line to design the quantification of this option. The quantification will address the BAU land protection in CO and aim the policy implementation towards the protection of high-carbon value lands. In addition, the option will

address reducing the rate of conversion of CRP lands back to active cultivation. A PWG member commented that an aggressive land-protection action must address the issue of leakage, an issue that can be mitigated by using land use planning as a complementary mechanism. The PWG and CCS will work together to locate data regarding land conversion rates and land carbon value.

AFW-7: Information from the PWG on Implementation Mechanisms and Related Policies in place was requested by CCS. It was suggested by CCS and a PWG member that the implementation mechanisms in AFW-8 are correlated and that these options are highly complementary. CCS requested data on the current use of biomass feedstocks for direct combustion. A PWG member offered to contact Craig Jones (formerly with the Governor's Energy Office) to see if he had any relevant data.

AFW-8: Gaps that need to be filled by the PWG currently are Implementation Mechanisms and Related Policies/Programs. CCS reviewed the current quantification methods and preliminary results for this option. Additional information needed on costs is reported to be in the "Round Table Report." CCS will add information on the sensitivity of the estimates to key assumptions (i.e., fire frequency) in the key uncertainties section. The option also yields about 25 million tons of biomass from forest thinning treatment, which can be used for fuel and help achieve the goals of AFW-7. The issue of carbon losses associated with beetle kills has not been addressed. PWG members will continue to explore urban forestry options, as requested by the CAP.

AFW-9: CCS and a PWG member reported that they have been working to obtain source data. CCS noted that language is needed from the PWG on Implementation Mechanisms and the other sections for which the PWG takes the lead on. No further discussion on this option was conducted.

Agenda Item#5: Agenda, Time and Date for Next Call.

Next CAP meeting: August 1, 2007. The full set of draft estimates in the Policy Options Document must be in place by this meeting. CCS requests that all input be submitted in a timely fashion (Wednesday, July 18th).

Tentative PWG meeting dates: Two meetings planned for August. PWG members remaining on the call agreed that August 9 and August 30 from 11 am to 1 pm are o.k. to schedule. These meetings need to take place prior to the final CAP meeting on September 12.

Agenda Item#6: Public Input and Announcements. No members of the public present.

Preliminary Number	Revised Number	Preliminary Title	PWG Volunteers (lead volunteer in bold)
AFW-1	AFW-1	Agricultural Crop Management	Tony Frank ¹ , Mike Bowman, Keith Paustian
AFW-2	AFW-8	Forestry Programs to Enhance GHG Benefits	Mike Ryan , Tom Fry, Tim Sullivan
AFW-3	AFW-2	Manure Management and Energy Utilization	Mike Bowman, Meg Collins , Susie Gordon
AFW-4	AFW-6	Preserve Lands with Carbon Storage Value	Tim Sullivan , Tom Compton, Will Shafroth, Tom Fry
AFW-5	AFW-9	Prevent Landfilling of Unprocessed Organic Material	Susie Gordon , Eric Lombardi
AFW-6	AFW-10	Landfill Methane Energy Programs	Eric Lombardi , Susie Gordon
AFW-7	AFW-4	Biodiesel Production	Tony Frank ¹ , Keith Paustian, John Ashworth
AFW-8	AFW-3	Reductions in On-Farm Energy Use	Tony Frank ¹ , Tom Compton
AFW-9	AFW-7	Biomass Feedstocks for Energy Production	Mike Bowman , Mike Ryan, Tom Fry, Lynda Joyce
AFW-10	AFW-5	Ethanol Production	Keith Paustian , Tom Compton, Mike Bowman, Tony Frank, ¹ John Ashworth

¹ With the Farmer's Union.

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