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SUMMARY OF AGRICULTURE & FORESTRY TWG CALL #2, 10/04/05 10:00 – 11:30

Attendance:

1. TWG members: Jason Allen (for Tim Darden), Joel Brown, Paula Garcia, Sterling Grogan, Kim Paul (for Kim Kostelnik), Louise Pape, and Amy Welch.
2. NMED staff: Brad Musick
3. CCS staff: Steve Roe, Tom Peterson
4. Other attendees: none.

Background documents:

(All documents posted at <http://www.nmclimatechange.us/documents.cfm#DocsAF> unless otherwise noted.)

1. Notice and Agenda
2. Presentation for Call #2
3. Draft Call#1 Summary
4. Updated policy matrix
5. Agriculture and Forestry Sector inventory background materials

Discussion items and key issues:

1. CCS provided a review of the draft inventory for the agriculture and forestry sectors.
 - a. CCS reiterated the availability on the website of the EPA SGIT workbook used to estimate agricultural sector emissions. CCS also posted the EPA Emission Inventory Improvement Program (EIIP) documents, which form the background guidance for the SGIT workbook.
 - b. CCS determined that TWG members were satisfied with the clarification sent out last week on the agricultural carbon sequestration issues identified during the first call.
 - c. Brad pointed out that the dairy cattle (and associated manure management) forecast did assume a small annual growth rate, which explained the slight increase in 2010 and 2020 emissions for that sector.
 - d. TWG members asked whether the forecasts for the agriculture & forestry sectors took into account future changes in climate (e.g. warmer temperatures), for

example on soil carbon levels. CCS explained that they did not. CCS mentioned that the team is evaluating the use of a NASA Ames Research Center application called C-QUEST (<http://geo.arc.nasa.gov/website/cquestwebsite/>) as both a carbon pool data set for comparison against the existing FIA-based data, as well as a potential tool for exploring future levels of carbon sequestration due to user-assigned changes in temperature and precipitation. A call between the CCS facilitators and USFS staff is to be held next week to gain additional insight into the FIA-based data. The outcome of this call may help us decide on the usefulness of the C-QUEST based information.

- e. Last week CCS also posted the spreadsheet on forestry carbon pools used to estimate NM carbon flows and sequestration estimates in the draft inventory. As previously noted, carbon flux from rangelands was not addressed in the draft inventory. CCS is investigating whether C-QUEST should be used for this purpose. Members asked whether the Natural Resources Inventory had been considered as a source of information for the forestry sector. T. Peterson related to S. Roe after the call that these data had been used as a point of comparison to the forestry acreages used by the USFS.
2. TWG members asked if there would be cases where options would be analyzed where emissions/sink estimates were not made in the draft inventory. The example given was changes in soil carbon associated with land use change. CCS responded that this was the case and in such instances, effort will be needed to develop inventory and forecast estimates for incorporation into the inventory report.
3. CCS provided another overview of the policy option categories for the AF sector. Agricultural options were introduced individually. Due to time constraints, forestry options were introduced at the more broad option category level (3 categories of options for forestry). Members were asked to review the draft policy options matrix and to provide Steve Roe with any additional options for consideration by the end of the week. Members were also requested to provide any pertinent information for the existing options (e.g. feasibility issues, potential reductions, costs) and proposed changes to the initial rough estimates of emission reductions and costs.

Next steps and agreements:

1. During the next call, additional time will be spent reviewing the NM policy options matrix, particularly the forestry options. An overall priority of high, medium, or low will be assigned to as many options as possible. This overall priority is only meant to establish the order in which options are analyzed. During the CCAG meeting, the CCAG may further modify the TWG's recommendations.
2. Any remaining issues on the draft inventory and forecasts will also be covered.
3. The next call is schedule for 10/19/05 from 8:30 to 10:00. This is the morning of the CCAG meeting. Members can attend in person at the meeting or use the regular call-in

number. Details on directions to the meeting (Indian Pueblo Cultural Center) will be provided at http://www.nmclimatechange.us/documents.cfm#Docs_AF.

List of Attachments: none needed.