

**Tanya Maynes**

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**From:** [redacted]  
**Sent:** April 20, 2007 1:59 PM  
**To:** Tanya Maynes  
**Subject:** RE: Invitation to participate in a technical review of Alberta's proposed Composting GHG Quantification Protocol

Hi Tayna:

This is pretty short notice, but by switching some things around, I can attend. Please confirm ASAP that it will proceed on that date/time as scheduled.

[redacted]

-----Original Message-----

**From:** Tanya Maynes [mailto:tmaynes@climatechangecentral.com]  
**Sent:** Thursday, April 19, 2007 4:21 PM

[redacted]

**Cc:** Karen Haugen-Kozyra; keith@baselineemissions.com  
**Subject:** Invitation to participate in a technical review of Alberta's proposed Composting GHG Quantification Protocol

Dear Reviewer,

The Session for the Technical Review of the Composting protocol will be held from 1:30 to 3:30 Alberta time, Wednesday, April 25<sup>th</sup>.

The attached documents represent the initial cut of the Alberta protocol. We've asked our contractor, Mr. Keith Driver of Baseline Emissions, to base the format on a streamlined life cycle assessment, similar to the ISO 14064 Part 2 Standard.

Basically, when you open the main protocol document (.doc not the .xl calculator), you will see a procedure that assesses all potential sinks and sources upstream of the project, within the project and downstream of the project, for both the pre-project (baseline) and project type. Then, you will see a gradual comparison of sinks and sources that identify those that change when comparing project and baseline conditions, and those that don't change. This comparison allows for a 'winnowing' out of emissions that we don't need to be concerned about (i.e. no change), when quantifying emission reductions/removals for a potential project, compared to baseline. Then, once we subset the ones that do count, a calculation approach is set out in the latter part of the protocol document and the .xl calculator. The idea is that a much simpler approach emerges in the end, (simplicity arrived at on the far side of complexity), to give simple guidance to project developers and investors in Alberta. Policy choices will be made based on your recommendations.

We anticipate, through your considered review of the documents, and recommendations, that what eventually emerges for the Alberta system, will be a simple set of calculations, with clear policy direction, that clarifies approaches to be taken in calculations of eligible tonnes. This will greatly reduce the verification and transaction costs/uncertainty for buyers, sellers and project investors, enabling a broader set of projects to develop. Your input is critical to the process and will likely help inform national approaches as well.

Please review the documents and be prepared to comment on the dates of our meetings. We would love to meet with all available participants in person at:

Suite 1560, 10303 Jasper Avenue. Alternatively, if necessary, please use the following call in numbers:

1-866-792-1318  
code:4483462

Please let us know in advance if you will be participating in person or via the phone and cc [tmaynes@climatechangecentral.com](mailto:tmaynes@climatechangecentral.com) .

On behalf of the Alberta Government and Climate Change Central, we thank you for your efforts in meeting our frenetic timelines :-)

**Karen Haugen-Kozyra, MSc, PAg.**  
Director of Policy Development and Offset Solutions  
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**Tanya Maynes**

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**From:** [Redacted]  
**Sent:** April 26, 2007 11:00 AM  
**To:** Tanya Maynes  
**Subject:** FW: Material Quantities in Dry Tonnes - Composting Protocol

[Redacted]

**Sent:** Thursday, April 26, 2007 11:29 AM  
**To:** 'tmaynes@climatechangecentral.com'; 'Keith@baselineemissions.com'  
**Subject:** Material Quantities in Dry Tonnes - Composting Protocol

Folks:

Reflecting on our meeting/teleconference yesterday, all the material I've seen on landfill gas generation (our base case for the composting protocol), either with LANDGEN or the Scholl Canyon model, has waste quantities in terms of wet tonnes and not dry. Waste moisture contents can vary considerably throughout a year and it would certainly be easier, certainly for municipalities, to keep the quantities to be measured on a wet weight basis.

[Redacted]

**Tanya Maynes**

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**From:** Karen Haugen-Kozyra  
**Sent:** May 2, 2007 4:28 PM  
**To:** [REDACTED]  
**Cc:** 'Andy Ridge'; 'Keith Driver'; Tanya Maynes  
**Subject:** Revised Composting Protocol  
**Attachments:** Compost Protocol v4.doc

Hi All,

As per our conversation last week, Keith has made the changes – clearly outlined in the attached document. Please provide any final comments by Tuesday of next week, May 8<sup>th</sup>.

Thanks for your participation and we hope to see you May 17/18 in Edmonton!

Karen

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**Tanya Maynes**

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**From:** Karen Haugen-Kozyra  
**Sent:** May 7, 2007 10:15 AM  
**To:** [Redacted]  
**Cc:** Andy Ridge; Keith Driver; Tanya Maynes; [Redacted]  
**Subject:** RE: Revised Composting Protocol

Thanks Joel.

**Karen Haugen-Kozyra, MSc, PAg.**  
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**Sent:** May 7, 2007 9:30 AM  
[Redacted]  
**Subject:** Re: Revised Composting Protocol

Karen,

I have completed my review of this Composting Protocol.

Generally, this is very consistent with ISO 14064 and is a solid procedure for calculating offsets from composer operations.

The only area where you may want to consider a bit of additional guidance is with regard to estimating the error associated with the measurements and with the overall calculation. In our experience, there can be some confusion regarding this area of the calculation and this can lead to some very strange results. Error assessment is a requirement of ISO 14064 and some verifiers may ask for this type of information before they sign off on a project. It may help some practitioners to have a bit of direction in this area. Otherwise, I think that the document will work very well.

Once again, I apologize for missing the meeting. As I said to Tanya, there was a bit of confusion with my calendar and I actually had the meeting scheduled a week late.

I hope these comments help.





Edmonton.ca',

**Conversation:** Revised Composting Protocol  
**Subject:** Revised Composting Protocol

Hi All,

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Thanks for your participation and we hope to see you May 17/18 in Edmonton!

Karen

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