CDM: Response form for Request for revision of approved methodologies (version 01.1)

Date of Meth Panel meeting:	7 - 11 April 2008
Title and number of Request for revision	Inclusion of the land application of the swine manure inside the project boundary. AM_REV_0080

Summary of the query:

Please use the space below to summarize the request for revision on the related approved methodologies.

The project proponents suggest three amendments to the approved methodology ACM0010 Version 3.

1. Allow project proponents to include the land application of the treated manure inside the project boundary: The emissions of CH4 and N2O from land application depend directly on the Animal Waste Management System implemented. When a highly efficient technology is implemented (such as digester complemented with activated sludge technology), the water quality is improved (mainly in nitrogen content) compared to water quality in the baseline (anaerobic lagoons) and other project activities (anaerobic digester). This results in lower emissions of land application in the project activity than in the baseline. Nonetheless, as per approved ACM0010, no emission reductions due to water quality improvement are considered. Therefore, we suggest that the emissions from land application should be taken into account by moving them inside the project boundary.
2. Use an alternative method is to monitor the daily stock of animals and then calculate the annual average number of animals (NLT) based on the daily registries: The project participant suggests including in the methodology an alternative method to estimate the annual average number of animals. This alternative method is to monitor the daily stock of animals and then calculate the annual average number of animals (NLT) based on the daily registries.
3. Considering that the diagram on page 25 of the version 3 of methodology refers to the parameters which are not required to estimate emission reductions, and that there is no indication of any frequency of monitoring, the proposed modification is to eliminate the diagram from the methodology: The diagram shown in the page 25 presents the monitoring of parameters that are not currently being applied in any equation from the methodology, like COD, Nitrogen and quantity of effluent after the anaerobic digester and after the second treatment, inside the project boundary. The monitoring methodology (page 23, 24 and 25) identifies all the parameters to be monitored for baseline emissions, project emissions and leakage but it does not include any reference to the monitoring of the parameters mentioned before. In addition, the data and parameters monitored listed from page 26 onwards do not include the parameters indicated in the diagram.

Recommendation by the Meth Panel:

(a) Please use the space below to provide amendments /changes (in your expert view, if necessary).

It is agreed by the Meth Panel that GHG emissions due to land application of treated manure could be incorporated in methodology ACM0010. To include this source of emissions certain issues, as given below, have to be addressed.

- Conservative assumptions used to calculate emissions in the leakage section of the methodology cannot be automatically considered for estimating baseline emissions. Project proponents have to propose a new procedure for baseline and project emissions. For example MCF_d has a fix value of 1 in the current version of the methodology in order to have a conservative estimation of the leakage; but for baseline and project emissions the specific IPCC value (e.g. 0.1% to 1 % for daily spread) should be used;
- The project boundary of the methodology has to be redefined. A new proposal has to include the land where the treated manure is deposited in the project boundary;
- New applicability conditions need to address the double counting potential; it has to provide guidance to avoid CERs claims from the farm owners due to land application of manure;
- The monitoring section needs to include how the parameters related to the treated manure use on the land are going to be monitored.

Amendments two and three as per request above are accepted with some changes. The monitoring of the daily stock of animals can be an alternative to the current method. In reference to the amendment three, instead of eliminating the graph in page 25 of the methodology, it is recommended to remove the unnecessary references to variables not included in the monitoring procedures.

The corresponding changes are incorporated in the revised methodology.

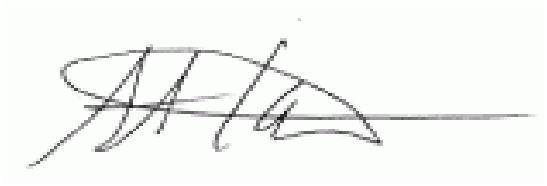
(b) Please use the space below for providing guidance, as per Para 93 of EB25 Report, on what type of projects need to revise the PDD as a consequence of the suggested revision, if the recommendation is to revise the methodology.

The changes incorporated only provide alternative to current approach and clarify some issues. This does not result to revision of PDD for any type of projects.

Answer to authors of the request for revision by the Meth Panel :

Please use the space below to provide an answer to the authors of the above query

The Meth Panel decided to partially accept the request of revision of ACM0010 Version 3. While the request to include the manure land application into the baseline and project emissions is not accepted, another request requiring the use of an alternative option to calculate the average number of animals is agreed upon.



Signature of Meth Panel Chair ……..
Date: 11/04/2008 *(Akihiro Kuroki)*

Signature of Meth Panel Vice-Chair ……..
Date: 11/04/2008 *(Philip Gwage)*

Information to be completed by the secretariat	
F-CDM-AM	AM_REV_0080
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