



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

<i>Date of Meth Panel meeting:</i>	28 May – 1 Jun 2007
<i>Title and number of Request for revision</i>	Proposal to broaden the applicability of ACM0001 to include biogas capture from anaerobic organic waste-water treatment systems using an open pond or lagoon system / AM_REV_0046
Summary of the query: Please use the space below to summarize the request for revision on the related approved methodologies.	
<p>It is proposed that the applicability of ACM0001 be broadened to include biogas capture from anaerobic organic waste-water treatment systems using an open pond or lagoon system.</p> <p>Biogas is captured from this system by installation of a cover over the open pond or lagoon system and can be either flared or used to produce energy. Importantly, these project activities do not involve the introduction of a new anaerobic organic waste water treatment system as envisaged by AM0022 or the introduction of an organic wastewater treatment plant as envisaged by AM0013. Rather, the project activities involve the introduction of technology to capture the methane generated in the existing anaerobic system.</p> <p>The baseline and monitoring methodology contained in ACM0001 is applicable to these project activities because the process is analogous to capturing and utilising biogas from landfill project activities, namely; the baseline scenario is the partial or total atmospheric release of the gas; the baseline can be determined ex post by measuring the actual quantity of methane captured and destroyed once the project is operational; and the ex post value for the methane destroyed is determined by monitoring the quantity of methane actually flared or utilised, as applicable.</p>	

Recommendation by the Meth Panel:

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

The Meth Panel recommends not to accept the proposed revision.

The approved methodologies for waste water treatment include two procedures to determine baseline emissions, one based on measuring the amount of biogas recovered, and the other based on calculations that consider the amount of COD sent to the lagoon. As the lowest value must be used to determine emissions reduction, the double determination introduces an element of conservatism, as the amount of biogas produced in the project situation could be higher than the amount produced in the absence of the project.

The proposed revision includes this approach, but without a specific proposal about how to determine methane emissions, based on the amount of the COD sent to the lagoon. The general reference (“verifiable methods should be used”) included in ACM0001 needs further specification.

It should be noted that one element of conservatism included in ACM0001 is disappearing in the proposed revision:

Following is proposed in the request for revision.

“The sum of the quantities fed to the flare, to the power plant and to the boiler ($MD_{project,y}$) must be compared annually with the ex ante estimate of the total generated, $MG_{baseline,y}$. The lower of the two values must be adopted as $MD_{project,y}$.”

This paragraph as per ACM0001 - Version 05 is as follows.

“The sum of the quantities fed to the flare, to the power plant and to the boiler must be compared annually with the total generated. The lowest value must be adopted as $MD_{project,y}$.”

The purpose of this last original paragraph is to compare the amount of total methane recovered with the amount disposed (flared or used) in order to determine physical leakages.

(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.

N/A.

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 recommends not to accept the proposed revision.

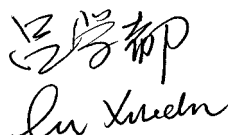
The Project Proponent may consider to propose a revision of AM0013 or AM0022.



Signature of Meth Panel Chair

Date: 05/06/2007

(Akihiro Kuroki)



Signature of Meth Panel Vice-Chair

Date: 05/06/2007

(Xuedu Lu)

Information to be completed by the secretariat

F-CDM-AM	AM-REV-0046
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