CDM: Revision Form for Approved Methodologies (version 01)

(To be used for responding to requests for revision on approved methodologies)

Date of Meth Panel meeting:	06 -09 June 2006
Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):	"Amendment of AM0022 to allow for flaring-only of biogas"
Indicative methodology to which your submission relates	AM0022: "Avoided Wastewater and On-site Energy Use Emissions in the Industrial Sector"
Name of the authors of the query:	Det Norske Veritas (DNV)

Summary of the query:

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

>> An amendment of AM0022 Version 2 is proposed in order to allow for flaring-only in the project activity. Although the methodology does allow for the flaring of surplus biogas **it does not clearly state that instead of on-site use for heat and/or power generation the flaring of all biogas will be permitted**.

The project proponent states that the use of biogas for on-site heat and/or power generation should always be preferred. But where this is not feasible (due to various reasons e.g. when the wastewater treatment plant is remotely located away from the grid or where there is no immediate need for power/heat onsite), the methodology should allow for flaring.

Recommendation by the Meth Panel:

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

>> The Meth Panel recommends to approve the requested revision to the methodology to clearly state that flaring option is allowed in the methodology since this option will also lead to reduction of CH_4 emissions in the project activity. However, text in several other locations in the methodology (in addition to the applicability condition suggested by the project proponent) should be changed as follows:

1. Applicability conditions:
   Applicability condition: "In the project, the biogas recovered from the anaerobic treatment system is used on-site for heat and/or power generation, surplus biogas is also flared;" should be changed to
   "In the project, the biogas recovered from the anaerobic treatment system **is flared and/or** used on-site for heat and/or power generation, surplus biogas will be flared.

2. Baseline determination:
   The statement "The baseline determination methodology consists of a six-step process in order to define the baseline and to demonstrate that the continuation of current practices (existing lagoon based waste water treatment system without biogas use) is the baseline: should be changed to
   The statement "The baseline determination methodology consists of a six-step process in order to define the baseline and to demonstrate that the continuation of current practices (existing lagoon based waste water treatment system without biogas use **and or/flaring of the biogas**) is the baseline:

3. Baseline Emissions:
   The statement "Total estimated baseline emissions are the sum of fugitive methane emissions from the existing lagoon based water treatment system and CO_2 emissions from the generation of heat on site and/or the generation of power on site or off site. " should be amended to read:
   "Total estimated baseline emissions are the sum of fugitive methane emissions from the existing lagoon based water treatment system and, **if relevant,** CO_2 emissions from the generation of heat on site and/or the generation of power on site or off site.

4. Other Issues
   The methodology does not specify how baseline heat and electricity consumptions are estimated. The following changes in bold are proposed:
   - F is the corresponding amount of fossil fuel displaced by the use of biogas for the generation of on site heat (unit). **Average of the previous 3 years specific fuel consumption for the output of the facility multiplied by the annual production should be used to determine the baseline fuel consumption onsite**.
   - EL is the amount of electricity displaced by the electricity generated from the biogas collected from the anaerobic treatment facility. **Average of the previous 3 years specific electricity consumption for the output of the facility multiplied by the annual production should be used to determine the baseline electricity consumption onsite**.

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 to approve the requested revision to the methodology to clearly state that flaring option is allowed in the methodology since this option will also lead to reduction of CH_4 emissions in the project activity. However, text in several other locations in the methodology are suggested to be changed in addition to the proposed changes in the applicability condition. The recommended changes are attached in annex in the report of the twenty first meeting of the Meth Panel.

Signature of the Meth Panel Chair ……..
Date: 21/06/2006 *(Rajesh Kumar Sethi)*

Signature of the Meth Panel Vice-Chair ……..
Date: 21/06/2006 *(Jean-Jacques Becker*

Information to be completed by the secretariat	
F-CDM-AM	F-CDM-AM-REV-0011
Date when the form was received at UNFCCC secretariat	21 June 2006
Date of transmission to the EB	21 June 2006
Date of posting in the UNFCCC CDM web site	21 June 2006