

	CDM: Response form for Request for revision of approved methodologies (version 01.1)
Date of Meth Panel meeting:	21 - 25 June 2010
Title and number of Request for revision	Possibility to include wastewater solids that are separated from the wastewater to prevent open lagoon clogging and therefore can have a different baseline, in a scenario 1 type anaerobic digester wastewater treatment project AM_REV_0184
Summary of the query:	
Please use the space below to summarize the request for revision on the related approved methodologies.	
<p>ACM0014 “Mitigation of greenhouse gas emissions from treatment of industrial wastewater” is applicable to project activities that aim at reducing methane emissions from industrial wastewater treatment.</p> <p>The request for revision aims at expanding the applicability of the methodology by amending scenario 1 of the methodology to include project cases where the solid materials, if separated from wastewater, has a different baseline treatment than the wastewater itself and in project case the solid materials are treated in a new anaerobic digester, along with the wastewater.</p> <p>The request amends the following, in particular:</p> <p>Definitions: Solid materials are defined as non dissolved, suspended fine solids that are part of the wastewater stream of an industrial process, and are mechanically separated (e.g. through a centrifuge) from the wastewater to be treated separately in the baseline scenario. Solid materials created by gravity settling or chemical (pre-) treatment of the wastewater are not included. Solid materials are typically generated when releasing these suspended solids into open lagoons would lead to a high formation of sludge and hence the lagoons would require regular desludging. In such cases solids can be separated and treated differently to reduce required desludging of lagoons. These solids that are produced as a separate solid waste stream after mechanical separation, have a dry matter content of at least 20%, and are suitable for treatment in biogas digesters in the project activity. No baseline emissions from the use of such solids in the project activity can however be claimed.</p> <p>Applicability: Inclusion of solid materials is only applicable to a Scenario 1 type project, where a new anaerobic digester is installed to treat industrial wastewater. The scenario 1 is amended to add: In case solid materials are created from the wastewater before releasing it into open lagoons, these solid materials are either burnt, landfilled, applied to land or used as animal feed.</p> <p>Baseline emissions: The solid materials can have different baseline scenarios, which may or may not contribute to baseline methane emissions. The revision proposes 3 possible baseline scenarios for which this methodology is applicable. Biogas generated from solid materials is separately monitored in order to discount the renewable electricity generated by digestion of decanter cake from the total net electricity exported (through multiplication factor $R_{\text{biogas,SM,y}}$).</p> <p>Project emissions: The inclusion of solid materials in the biogas digesters leads to additional project emissions. These are all captured under the existing equations in ACM0014.</p>	

Leakage: The inclusion of solid materials in the project activity may lead to leakage emissions in the case of displacement of animal fodder. The proposed revision provides procedures to calculate leakage emissions in such cases.

Recommendation by the Meth Panel:

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

Please, refer to the box below.

(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.

Please, refer to the box below.

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 request for revision with corrections, as presented in the draft revised ACM0014 contained in the annex of the Meth Panel's 44th meeting report.

Signed by the Chair, Mr. Lex de Jonge

Date: 25/06/2010

Signed by the Vice-Chair, Mr. Philip Gwage

Date: 25/06/2010

Information to be completed by the secretariat

F-CDM-AM	AM_REV_0184
Name of the authors of the query:	TUEV NORD
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