



**CDM: Response form for request for clarification on  
Approved Methodologies  
(version 01.1)**

<i>Date of Meth Panel meeting:</i>	23 - 27 January 2012
<i>Title and number of request for clarification</i>	Inquiry regarding the applicability of ACM0014 to a baseline scenario for combination of existing baseline scenario with existing lagoon system and Greenfield baseline scenario with designed lagoons system.  AM_CLA_0222

**Summary of the query:**

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

ACM0014 version 04.1.0 “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.

The project participants observed that in cases where the baseline scenario is identified as the treatment of wastewater in open lagoons (W1), the methodology provides procedures for both existing open lagoon and designed open lagoons (for Greenfield facilities). However, the methodology does not provide a procedure for cases where the baseline scenario for part of the wastewater is a treatment applied in existing lagoons and the other part is a treatment applied in designed lagoons.

The project participants have provided the following example project to explain their case. A project activity named “Methane recovery and utilization from industrial wastewater project of Lianyungang Yida Alcohol Co., Ltd.” will treat wastewater from Lianyungang Yida Alcohol Co., Ltd. (Yida Company) and Lianyungang Lianhua Chemicals Co., Ltd. (Lianhua Chemical) and recover methane to generate heat. Yida Company has a 50,000 t/year alcohol production line which discharges 2,000 m<sup>3</sup>/day of wastewater with initial COD of 55,000 mg/L. The wastewater is mainly treated in existing anaerobic lagoons. Lianhua Chemical plans to build a 40,000 t/year butanol and acetone production line. It is estimated that this production line will discharge about 4,000 m<sup>3</sup>/day of wastewater with an initial COD of 35,000 mg/L. Yida Company will build a combined wastewater treatment plant to treat the wastewater from both lines (companies). For 2000 m<sup>3</sup>/day wastewater from Yida Company, the baseline scenario is the existing open lagoons. For 4000 m<sup>3</sup>/day wastewater from Lianhua Chemical, the baseline scenario is the designed open lagoons according to the case of Greenfield facilities.

The project participants seeks clarification on whether the combination of the baseline scenario with the existing lagoon system in existing facilities and the designed lagoon system in Greenfield facilities treated as one baseline scenario can be considered as applicable to ACM0014.

**Recommendation by the Meth Panel:**

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

Not applicable.

**Answer to authors of the request for clarification by the Meth Panel :**

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

The Meth Panel would like to clarify that the current version of the methodology does not allow for the combination of two different scenarios (i.e. existing lagoons and designed lagoons) for one project activity. However, the project participants can use the methodology for a situation where there is an existing wastewater treatment system and the capacity of wastewater treatment is increased in the project case. In such situations, the baseline scenario should be determined for the total capacity of the wastewater treatment following the procedure for Greenfield facilities.

Signed by the Chair, Mr. Philip Gwage

Date: 27/01/2012

Signed by the Vice-Chair, Mr. Lex de Jonge

Date: 27/01/2012

**Information to be completed by the secretariat**

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