

 <p>CDM: Response form for request for clarification on Approved Methodologies (version 01.1)</p>	
<i>Date of Meth Panel meeting:</i>	04 - 08 September 2006
<i>Title and number of request for clarification</i>	AM-CLA-0031: “Applicability of the methodology for a project activity that aims to collect LFG and upgrade to CPLG”
Summary of the query:	
Please use the space below to summarize the request for clarification on the related approved methodologies.	
<p>The objective of the Proposed Project is to collect and utilize the LFG of the Xiaping Landfill in China. Besides flaring and energy production, the project is planning to utilize part of the LFG and upgrade it to CPLG (Compressed Purified Landfill Gas). The CPLG will be used as fuel in vehicles transporting solid wastes to the Xiaping Landfill and thus substitute gasoline. No emission reductions are claimed for substituting these fossil fuels.</p> <p>Clarification is sought if the collection of LFG for upgrading it to CPLG is covered under the methodology and meets the applicability criteria. Moreover, the project participants seek to determine if CPLG is acceptable under the current baseline methodology and if it can also be included under the current monitoring methodology. As the PDD is currently written, the project is being credited when the LFG is upgraded to CPLG and not when it is sold off the site, and thus credited before the CPLG is actually destroyed. Therefore, if the CPLG is allowed, would an amendment on the monitoring methodology be required to verify destruction of CPLG?</p>	
Recommendation by the Meth Panel:	
Please use the space below to provide amendments /changes (in your expert view, if necessary).	
<p>The ACM0001 applicability condition that could cover the proposed activity is: “The captured gas is used to produce energy (e.g. electricity/thermal energy) but no emission reductions are claimed for displacing or avoiding energy from other sources”.</p> <p>The collection of LFG for upgrading it to CPLG could meet the condition, provided that the activity definition is expanded to include the use of CPLG.</p> <p>An amendment of the methodology (baseline and monitoring) will be required in order to verify the destruction of the methane and to estimate project emissions.</p> <p>The CDM-PDD attached to the request include some elements of the amendment, but further elaboration is needed.</p> <p>It will be required:</p> <ul style="list-style-type: none"> • A procedure to estimate emissions of methane after combustion in vehicles (IPCC default value as provided in IPCC 2006 GHG inventory guidelines could be used). • A procedure to ensure that all CPLG produced is utilized as energy source (e.g. contractual agreement with retailers or end users of the CPLG). • An assessment of methane physical leakage during CPLG production and handling, depending on how the monitoring of the CPLG delivered to vehicle is performed. <p>The proposed monitored parameters included in the CDM-PDD are:</p> <ul style="list-style-type: none"> • Amount of LFG upgraded to CPLG (Measured by flow meter) • CPLG usage (Sale record of CPLG provided by project owner) <p>The proposed QA/QC procedure planned for CPLG is:</p> <ul style="list-style-type: none"> • Appoint specific person in charge of scouting and collecting related documents under the DOE requirement. 	

It should further be elaborated:

- Whether all methane included in the CPLG is destroyed when combusted in the vehicles;
- Whether no energy is required to produce the CPLG; and
- Whether there is no physical leakage of methane during the production of CPLG.

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 collection of LFG for upgrading it to CPLG could meet ACM0001 applicability condition, provided that the activity definition is expanded to include the use of CPLG.

An amendment of the methodology (baseline and monitoring) will be required in order to verify the destruction of the methane and to estimate project emissions. Therefore, a request for revision should be submitted as per the procedures, taking into account the observations made by the Meth Panel.



Signature of the Meth Panel Chair
Date: 13/09/2006 (Rajesh Kumar Sethi)



Signature of the Meth Panel Vice-Chair
Date: 13/09/2006 (Jean-Jacques Becker)

Information to be completed by the secretariat

F-CDM-AM	F-CDM-AM-CLA-0031
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