

	CDM: Response form for Request for revision of approved methodologies (version 01.1)	
<i>Date of Meth Panel meeting:</i>	21 - 25 June 2010	
<i>Title and number of Request for revision</i>	Capture and destruction of methane from an opencast coal mine(ACM0008) AM_REV_0185	
Summary of the query:		
Please use the space below to summarize the request for revision on the related approved methodologies.		
<p>ACM0008 “Consolidated methodology for coal bed methane, coal mine methane and ventilation air methane capture and use for power and heat and/or destruction through flaring or flameless oxidation” is applicable to coal mine methane and ventilation air methane capture, utilisation and destruction project activities at a working coal mine, where the baseline is the partial or total atmospheric release of the methane.</p> <p>The revision is sought to include coal bed methane capture from opencast mines in the project activity applicability (opencast mines are currently excluded).</p> <p>The only feasible type of methane recovery to be deployed at surface mines is pre-mine drainage. The proposed project will achieve emission reductions via pre-mining CMM drainage by drilling vertical boreholes to extract the gas and transport it through a piping network to a central location to be destroyed by a flare.</p> <p>No changes in the computation of the areas of influence and eligible CBM are requested because pre-drainage wells will be deployed in the same manner as pre-drainage wells that are used for underground coal mines. Gas drainage and flaring (or use in a generator, if applicable) will always take place along the defined area to be mined.</p> <p>There are three applicability limitations that are included in the proposed revision.</p> <ol style="list-style-type: none"> 1. Limit the potential projects at opencast mines to mining concessions that have been operational for at least three years prior to project development. 2. Limit opencast mines specifically to pre-mine gas drainage, and states that wells must be placed in and drain the area to be mined. 3. Limit pre-mine drainage well life at opencast mines to 10 years. <p>The first limitation aims to prevent new mines from operating due to the potential CER revenues. The purpose of the second and third limitations are to only give credit to gas drained from the actual area to be mined that would eventually be vented.</p> <p>In the case of conventional underground shaft/tunnel mining, methane is removed primarily for safety reasons. In the case of opencast mining, methane volumes can be considerable, but present only a minimal safety risk to miners because the emissions are spread over a large surface area and as the emitted methane mixes with air, the concentration of methane in air becomes. At opencast mines, associated methane can, and is, continuously released as a function of the excavation of the pit wall.</p>		

Recommendation by the Meth Panel:

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

Initially there are no impediments to expand the applicability of the methodology ACM0008 to opencast coal mines, thus the recommendation is to [approve the request for revisions](#). However, there is one issue that require clarification:

How to determine the area of overlap. Seems that the definition for the vertical plane applies only for longwalls but not opencast mining operations. A definition for vertical plane could be “The de-stressing zone typically extends downwards 40 metres”.

(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 Meths Panel recommends [to approve](#) the request for revision.

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_0185
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