

	<b>CDM: Recommendation Form for Small Scale Methodologies (version 01)</b> <i>(To be used for presenting questions/proposals/amendments to the simplified methodologies for small-scale CDM project activity categories)</i>
<i>Date of SSC WG meeting:</i>	SSC WG 13, 07- 09 November 2007
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Methane Recovery in Wastewater Treatment,
<i>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</i>	AMS III.H
<i>Name of the authors of the query:</i>	Julie Godin Institution: World Bank Jgodin@worldbank.org
<b>Summary of the query:</b> Please use the space below to summarize the query related to SSC methodologies/categories SSC Modalities and Procedures provide recommendation/analysis of the SSC WG.	
<p>The proposed revision aims to broaden the applicability of AMS III.H (Methane recovery in Wastewater Treatment) to include: improvement (through retrofit) of the efficiency of methane capture and/or flaring systems at existing anaerobic wastewater treatment plants or anaerobic sludge treatment.</p> <p>In the current version of AMS III.H, the fugitive emissions are calculated by assuming a combined efficiency for the capture and flaring system of 0.9 (as a default) which is multiplied by the calculated methane emissions (using the COD load and the relevant value for MCF). This is replaced by a separate calculation for the capturing efficiency by monitoring the actual gas flow and measuring the flaring efficiency.</p>	
<b>Recommendation by the SSC WG :</b> Please use the space below to provide amendments/change (in your expert view, if necessary). Please refer to Paragraph 9 of the meeting report of the SSC WG 13 ( <a href="http://cdm.unfccc.int/Panels/ssc_wg">http://cdm.unfccc.int/Panels/ssc_wg</a> ).	
<b>Answer to authors of query by the SSC WG :</b> Please use the space below to provide answer to the authors of the above query	
<p>The small scale-working group of the CDM Executive Board would like to thank the author for the submission.</p> <p>The SSC WG noted that the project participants included many of the recommendations of the SSC WG in the submission. The submission has improved compared to the previous version that referred to the “Tool to determine project emission from flaring gases containing methane” to establish the baseline emissions, but still does not offer a conservative and accurate approach to calculate emission reductions. The emission reductions in this submission would come from the difference in flare efficiency in the baseline and the project scenario. Therefore establishing accurate flare efficiencies in the baseline and project scenario is</p>	

crucial.

The instruction on establishing the baseline flare efficiency is provided in step 1: for each flaring unit at least three measurements should be carried out prior to the start of the project. No further instructions are provided on how to actually carry out the measurements and calculate the efficiency of the flares.

The SSC WG acknowledges the fact that it is difficult to establish the efficiency of an open flare, but since it is an essential basis for the emission reduction calculations, proper procedures to measure and calculate the efficiency are needed. Alternatively, if the project proponents can provide relevant technical literature to establish a range of possible efficiencies for open flares, it may be acceptable to take the most conservative estimates from that range.

The instruction provided in step 3: to ensure transparency in the establishment of the baseline “it should be demonstrated that the equipment are operated and installed following the manufacturer standards and good practices”, appears to be a good addition as it would ensure that the flare is not deliberately operated poorly so as to increase baseline emissions.

Kindly provide your response as soon as possible (preferably by **2 January 2008**).



Signature of SSC WG Chair .....

(Ulrika Raab)

Date: 13/11/2007



Signature of SSC WG Vice-Chair .....

(Richard Muyungi)

Date: 13/11/2007

**Information to be completed by the secretariat**

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