

CDM-PA1123-RULE01

Ruling note

Request for issuance for “Ciudad Juarez Landfill Gas to Energy Project”

Version 01.0



United Nations
Framework Convention on
Climate Change

1. The CDM-Executive Board decided to reject the proposed request for issuance for CDM project activity for the monitoring period of 13 May 2016 – 31 May 2017 on 29 November 2018, during its hundred-first meeting, in accordance with the "CDM project cycle procedure of project of activities" (PCP-PA), version 01.0, paragraphs 236 and 237. Further, in accordance with paragraph 242 of the PCP-PA, the ruling shall contain an explanation of the reasons and rationale for the final decision, which are as follows:
 - (a) The DOE (Colombian Institute for Technical Standards and Certification, ICONTEC) failed to verify the calculations of baseline emissions as per the methods described in the applied version of the methodology, in accordance with validation and verification standard for project activities (VVS-PA), version 01.0, paragraph 376 (c), in particular the value adopted for the parameter " OX_{top_layer} " (Fraction of methane in the LFG that would be oxidized in the top layer of the SWDS in the baseline).
 - (b) The relevant requirements are:
 - (i) VVS-PA, version 01.0, paragraph 376 (c) states - "The DOE shall determine whether: (c) The calculations of baseline GHG emissions or baseline net GHG removals, project GHG emissions or actual net GHG removals, and leakage GHG emissions have been carried out in accordance with the formulae and methods described in the registered monitoring plan, the applied methodologies and, where applicable, the applied standardized baselines";
 - (ii) Equation 2 of the applied version of methodology (ACM0001, version 15.0) contains reference to the parameter " OX_{top_layer} ", which is required to calculate the baseline emissions. The table "Data / Parameter 1" in section 5.10 of the methodology indicates that a default value of 0.1 needs to be applied for this parameter and that this parameter is consistent with how oxidation is accounted for in the "TOOL04: Emissions from solid waste disposal sites";
 - (iii) Valid version of the PDD:
 - a. Equation 2 of the valid version of the PDD provides the calculation of baseline emissions, and is based on Equation 2 of ACM0001 version 15.0;
 - b. Page 36 of the PDD (section B.6.2) specifies a value of 0.1 to be applied for the parameter "OX" (Oxidation factor, reflecting the amount of methane from solid waste disposal site that is oxidized in the soil or other material covering the waste) from the "TOOL04: Emissions from solid waste disposal sites", which is the same parameter " OX_{top_layer} " from ACM0001, version 15.0.
 - (c) The reason and rationale for the final decisions are:
 - (i) The DOE failed to verify the accuracy of the baseline emission calculation, in particular application of zero for the parameter " OX_{top_layer} " to determine the baseline emissions.

2. Please note that in accordance with paragraph 249 of the PCP-PA, the DOE may re-submit the request for issuance with revised documentation if the reasons for the rejection can be addressed by means of a revised verification report, based on a revised monitoring report as appropriate.
3. Additionally, the following issues was observed during the review assessment. The PP/DOE may wish to take them into account these in its next resubmission if there is any:
 - (a) The monitoring plan under valid version of the PDD applies standard conditions (STP expressed in Nm³, Normal Cubic Meter unit) for the parameters: LFG_{total}, LFG_{flared}, LFG_{electricity} and D_{CH4} = ρ_{CH4}. However, application of these parameters at standard conditions is not in accordance with the applied version of the methodology and the tool, which require the parameters to be determined at the operating conditions.

Document information

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01.0	7 January 2019	Initial publication. Related to CDM project cycle procedure for project activities, version 01.0 (Paragraphs 236 & 237)

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