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Your ref.:
CDM Ref 0888

Our ref.:
MLEH/LFAT

Date:
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Validation opinion – Request for revision of monitoring plan Aurá Landfill Gas Project (0888)

We refer to the procedure for revising monitoring plans adopted at EB 26. We herewith request a revision of the monitoring plan for project activity 0888 entitled “Aurá Landfill Gas Project.” in Brazil. The project applies the approved consolidated methodology ACM0001 (version 04).

The monitoring plan contained in the registered PDD of the “Aurá Landfill Gas Project.” (0888) requires the monitoring of the total amount of landfill gas captured with a flow meter as well as the monitoring the total amount of landfill gas flared with a flow meter.

As confirmed during DNV’s visit at the landfill gas site, the project sends all captured gas directly to the flare, and the monitoring system for measuring landfill gas flows comprises only one flow meter. This flow meter is calibrated periodically by an officially accredited entity, according to manufacture’s specification. Hence, this is in accordance with of ACM0001 version 04 which establishes that “*In the case where LFG is just flared, one flow meter for each flare can be used provided that these meters used are calibrated periodically by an officially accredited entity*”.

The purpose of this request is to adjust the monitoring plan of the project to reflect the actual monitoring practise.

Moreover, the flow meter installed is a Thermal Mass Flow Meter, capable to provide the volume in normalized cubic meter. Hence, the project applies an appropriate flow meter to measure the LFG without having to separately monitor LFG temperature and pressure.

(a) the proposed revision of the monitoring plan ensures that the level of accuracy or completeness in the monitoring and verification process is not reduced as a result of the revisions

The proposed revision of the monitoring plan ensures the level of accuracy or completeness in the monitoring process. To monitor the LFG flow to the flare with one flow meter only, provided that the flow meter is calibrated periodically by an officially accredited entity, is deemed to have the same level of accuracy as monitoring the flow with two flow meters in serial. This is also acknowledged in ACM0001 (version 4).

(b) the proposed revision of the monitoring plan is in accordance with the approved monitoring methodology applicable to the project activity

The project applies version ACM0001 (version 04). ACM0001 (version 4) establishes that “In the case where LFG is just flared, one flow meter can be used provided that the meter used is calibrated periodically by an officially accredited entity”.

Hence, the revised monitoring plan is in accordance with the version 04 of ACM0001.

(c) the findings of previous verification reports, if any, have been taken into account

During the verification of the emission reductions reported for the periods of 30 April 2007 to 30 September 2008 and 01 October 2008 to 31 January 2009, DNV observed that there was only one LFG flow meters for monitoring of the total amount of landfill gas captured as well as the total amount of landfill gas flared, while the monitoring plan of the registered PDD indicated separate monitoring of the total amount of LFG captured and the LFG sent to the flare. Hence, a Forward Action Request was raised by DNV to request a revision of the monitoring plan to reflect the actual monitoring of the total amount of LFG captured and flared.

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