PROJECT REVIEW REPORT

Project ID	*0253*
Project Name	*Fuzhou Hongmiaoling Landfill Gas to Electricity Project*
Program(s)	*VCS*
Verification Period	*01 July 2011 to 18 November 2017*
Project Proponent	*Fujian Tianyi Renewable Energy Technology & Utilization Co., Ltd.*
Methodology	*ACM0001: "Consolidated methodology for landfill gas project activities" (Version 05)*
Sectoral Scope(s)	*Sectoral Scope 3*
Validation/Verification Body (VVB)	*Shenzhen CTI International Certification Co., Ltd.*

Assessment Criteria	*VCS Standard, v4.1*
Date of First Issue	*9 September 2021*
Date of Final Issue	*14 September 2021*

Summary:

An accuracy review of the *Fuzhou Hongmiaoling Landfill Gas to Electricity Project* verification approval request has been conducted by Verra in accordance with Section 4.3 of the *Registration and Issuance Process*.

The accuracy review has raised 1 assessment findings and no minor findings, detailed below. The VVB, in coordination with the project proponent, is hereby required to provide a response to the assessment findings presented in Section 1. The 1 assessment findings must be addressed to the satisfaction of Verra.

This project review report will be made publicly available. Confidential information may be provided as separate attachments.

1. ASSESSMENT FINDINGS

Finding 1
As per the VCS Standard Section 3.15.5, where measurement and monitoring equipment is used, the project proponent shall ensure the equipment is calibrated according to the equipment's specifications and/or relevant national or international standards. However, it was noted that the equipment used to monitor the temperature and pressure of the landfill gas was out of calibration from 31 March 2014 to 25 November 2014 (were calibrated on 25/11/2012 and 25/11/2014 and they should be calibrated annually). The VVB is required to explain how it ensured that the monitoring equipment used was calibrated as per the requirements.
VVB Response: No calibration was carried out during 2013 for thermometers and manometers due to the shut-down of the project caused by an expansion activity ordered by local authorities (please refer to the MR for detailed information about the shut-down). The periods 31/03/2014 to 25/11/2014 for thermometers and the periods 31/03/2014 to 03/12/2014 for manometers are not covered by calibrations. Therefore, for conservativeness, the data from 31/03/2014 to 31/12/2014 has been calculated in most conservative manner. As the volume under the standard condition was calculated based on measured volume, temperature and pressure following this equation: $V_{standard} = (V_{measured} \cdot T_{standard} \cdot P_{measured}) / (P_{standard} \cdot T_{measured})$, and considering that the margins of error of the thermometers and the manometers are ±0.25% and ±0.2%, respectively, the corrected volume should hence be calculated as follows: $V_{standard,conserv} = (V_{measured} \cdot T_{standard} \cdot P_{measured} \cdot (1-0.2\%)) / (P_{standard} \cdot T_{measured} \cdot (1+0.25\%)) = 0.9955 \cdot V_{standard}$. By checking the revised MR and ER spreadsheet, the assessment team confirmed that this is in line with the monitoring plan of the CDM PDD. Please refer to revised MR and FVR for details.
Verra Response: Given that the project proponent applied a conservative approach during the period the thermometer and manometer were out of calibration, Verra considers that the finding is closed and no further action is required.

2. MINOR FINDINGS

Finding 1
Not applicable

3. ASSESSMENT CONCLUSION

On 9 September 2021, Verra conducted a review of the verification approval request for project ID

0253, Fuzhou Hongmiaoling Landfill Gas to Electricity Project, the results of which can be found

above. The project review report was sent to Shenzhen CTI International Certification Co., Ltd.with one assessment finding and no minor findings.

On 14 September 2021, Verra received responses to the findings above. The responses were sufficient to close all findings.

On 14 September 2021, Verra closed all assessment findings and no further action was required.