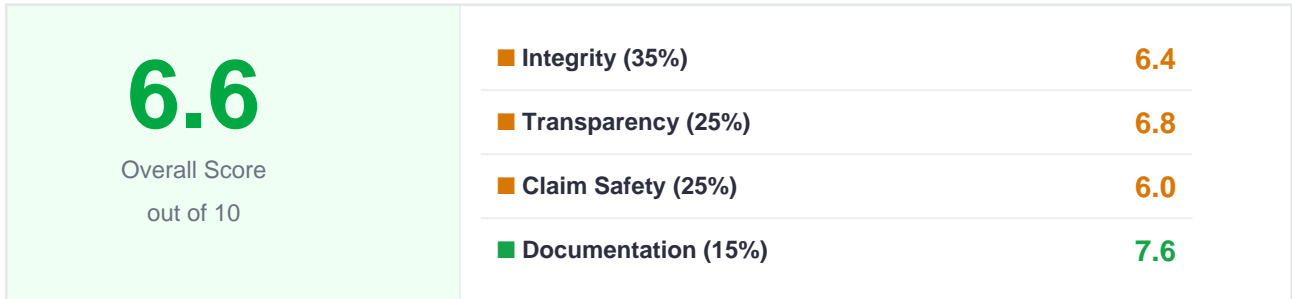


QUALITY REPORT

Dongyuan Xiantang Landfill Gas Power Generation Phase I Project

VCS-3308 · Verified Carbon Standard · China

Report ID: CM-D604D670 · Generated: 2026-04-02 · Scoring Methodology: General v2.0



Weights: Integrity 35% · Transparency 25% · Claim Safety 25% · Documentation 15%

Assessment Summary

This VCS landfill gas-to-power project shows moderate integrity: additionality is confirmed by the VVB and no material findings or corrective actions are reported for the monitored period. However, leakage treatment is not addressed in the extracted record and key baseline parameters (including reassessment timing and some emissions factor details) are not clearly evidenced, increasing over-crediting uncertainty.

Project Details

Registry	Verified Carbon Standard
Registry ID	VCS-3308
Sector	methane
Country	China
Vintage	2022
Project Methodology	ACM0001 19.0
Crediting Period	2022 — 2029
VVB	APPLUS+ LGAI TECHNOLOGICAL CENTER S.A.
Verified ERs	65,256 tCO ₂ e
Monitoring Period	2022 — 2023
Confidence	High
Documents Reviewed	15 documents reviewed
Scored	2026-04-02

Red Flags

- Leakage is not addressed in the extracted record (no justification and no stated deduction), despite landfill gas projects potentially having leakage-related considerations.
- Baseline is described as project-specific and the timing of any baseline reassessment is not stated in the extracted record, which can increase baseline/over-crediting risk.

Score Breakdown

Integrity — 6.4 / 10

+ Additionality is confirmed by the VVB using a combined test (validation/verification documentation referenced in the extracted record).

- Leakage treatment is not addressed and no leakage deduction is evidenced in the extracted record (monitoring documentation).

The extracted record indicates additionality was confirmed by the VVB and assessed using a combined test, which supports additionality robustness (validation/verification documentation referenced). The monitoring report (2023-11-02) reports no material findings and no corrective actions required, which supports MRV and implementation quality. However, leakage is explicitly marked as not addressed in the extracted record and no leakage deduction is evidenced, which weakens integrity for a methane/landfill gas activity. The baseline is described as project-specific and the timing of any baseline reassessment is not stated in the extracted record, adding uncertainty around baseline validity over time.

Transparency — 6.8 / 10

+ A specific monitoring period is disclosed (2022-01-25 to 2023-02-28) and verified ERs are reported as 65,256 tCO₂e (monitoring report dated 2023-11-02).

- Claimed ERs are not found in the extracted record, limiting cross-checking between claimed vs verified outcomes.

The monitoring report (2023-11-02) clearly states the monitoring period (2022-01-25 to 2023-02-28) and provides verified emission reductions of 65,256 tCO₂e. The VVB is identified as APPLUS+ LGAI TECHNOLOGICAL CENTER S.A., supporting audit traceability. However, the claimed ER total is not found in the extracted record, limiting the ability to reconcile claimed versus verified values. Several methodological inputs are not fully evidenced in the extracted record (e.g., grid emission factor value), which reduces transparency of recalculation by third parties.

Claim Safety — 6.0 / 10

+ Verified ERs are explicitly reported for the monitoring period (monitoring report dated 2023-11-02).

- CORSIA eligibility and CCP status are not stated in the extracted record, leaving uncertainty for downstream claims and labeling.

Over-crediting risk is moderated by the presence of VVB-confirmed additionality and a stated verified ER quantity for the monitoring period (monitoring report dated 2023-11-02). At the same time, leakage is not addressed in the extracted record, which can increase the risk that credited reductions are overstated if leakage pathways exist or are material. CORSIA eligibility and CCP status are not stated in the extracted record, so buyers cannot rely on those labels without further registry confirmation. The baseline approach is project-specific with no reassessment timing found in the extracted record, which can elevate uncertainty for long crediting periods.

Documentation — 7.6 / 10

+ Multiple core documents are evidenced (monitoring report, validation report, PDD, issuance) with high extraction confidence and 9 documents used.

- Some key quantitative fields are missing from the extracted record (e.g., claimed ERs, leakage deduction, buffer pool/reversal details), reducing completeness.

Documentation coverage is relatively strong: the extracted record lists a monitoring report, validation report, PDD, and issuance, with 9 documents used and high extraction confidence. The monitoring report is recent (dated 2023-11-02) and aligns with a current crediting period starting 2022-01-25. Nonetheless, several important fields are not found in the extracted record (e.g., claimed ERs, leakage deduction percentage, buffer pool percentage, reversal events detail), which suggests incomplete extraction or incomplete disclosure in the available set. Overall, the document set supports a reasonable assessment but leaves notable gaps for independent replication.

Risk Indicators

● Additionality	VVB-confirmed combined additionality test
● Permanence	Avoidance project; no reversals reported
● Leakage	Leakage not addressed in extracted record
● Baseline	Project-specific baseline; reassessment timing unclear
● Safeguards	FPIC and grievance mechanism documented
● Double-claim	CORSIA/CCP status not stated in extracted record

What Would Improve This Score

→ Disclose and justify leakage treatment explicitly (including any quantified leakage deduction or a defensible negligible-leakage demonstration) in the monitoring/verification documentation.

→ Provide a clear baseline parameter set and update/reassessment evidence (including the applied grid emission factor value and any baseline reassessment timing) to enable third-party recalculation and reduce over-crediting risk.

Documents Reviewed

- Issuance Review Report
- Registration and Issuance Review Report
- Issuance Representation
- Monitoring Report
- Listing Representation
- Communications Agreement
- Registration Representation
- ERR Calculation Spreadsheet
- Draft Project Description
- Project Description
- Verification Report
- Validation Representation
- Validation Report
- Verification Representation

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