

QUALITY REPORT

LIANZHOU LANDFILL GAS POWER GENERATION PROJECT

VCS-3940 · VCS · China

Report ID: CM-10DA0D9D · Generated: 2026-04-02 · Scoring Methodology: General v2.0

6.3Overall Score
out of 10

■ Integrity (35%)	6.2
■ Transparency (25%)	6.0
■ Claim Safety (25%)	6.4
■ Documentation (15%)	7.2

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

Assessment Summary

This is a VCS landfill-gas-to-power avoidance project using ACM0001 with VVB-confirmed additionality and no reported material findings for the monitored period. However, key integrity parameters (baseline reassessment timing, leakage treatment, and several MRV inputs like grid emission factor) are not found in the extracted record, and multiple cross-document contradictions weaken confidence in the non-carbon safeguard narrative.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-3940
Sector	methane
Country	China
Vintage	2021, 2022, 2023
Project Methodology	ACM0001 19.0
Crediting Period	2021 — 2028
VVB	APPLUS+ LGAI TECHNOLOGICAL CENTER S.A.
Verified ERs	132,655 tCO ₂ e
Monitoring Period	2021 — 2023
Confidence	High
Documents Reviewed	12 documents reviewed
Scored	2026-04-02

Red Flags

- Leakage is marked as not addressed and no leakage deduction is provided in the extracted record, despite ACM0001 projects typically requiring explicit leakage treatment.
- Several safeguard-related items (FPIC, grievance mechanism, benefit sharing, safeguards mention) contradict between the monitoring report and the validation report.
- Baseline is project-specific and the timing of any baseline reassessment is not found in the extracted record.
- Key quantification inputs (e.g., grid emission factor and grid EF year) are not found in the extracted record, limiting independent plausibility checks.

Score Breakdown

Integrity — 6.2 / 10

+ The monitoring report (2023-07-31) indicates additionality was confirmed by the VVB and no material findings or corrective actions were reported.

- Leakage is not addressed in the extracted record and no leakage deduction is provided, and baseline reassessment timing is not stated.

The monitoring report (2023-07-31) indicates additionality was confirmed by the VVB and reports no material findings or corrective actions. The baseline is described as project-specific, and the timing of any baseline reassessment is not stated in the extracted record, which weakens confidence in baseline robustness over time. Leakage is flagged as not addressed and no leakage deduction is provided in the extracted record, which is a notable integrity gap for ACM0001-type accounting.

Transparency — 6.0 / 10

+ The project identifies the VVB (APPLUS+ LGAI) and provides a clear monitoring period (2021-06-01 to 2023-04-30) with verified ERs of 132,655 tCO_{2e}.

- The claimed ER total is not found in the extracted record and key calculation inputs (e.g., grid emission factor) are not found, reducing auditability.

The extracted record provides the VVB name (APPLUS+ LGAI) and a defined monitoring period (2021-06-01 to 2023-04-30), with verified emission reductions of 132,655 tCO_{2e} reported in the monitoring report (2023-07-31). However, the claimed ER total is not found in the extracted record, preventing a direct claimed-versus-verified comparison. Important quantification inputs such as the grid emission factor and grid EF year are also not found in the extracted record, limiting third-party reproducibility checks.

Claim Safety — 6.4 / 10

+ The project is explicitly not CORSIA-eligible in the extracted record, reducing aviation-claim channel risk.

- Contradictions across documents on safeguards and on the type of additionality test increase greenwashing/over-crediting perception risk.

The project is explicitly marked as not CORSIA-eligible in the extracted record, which reduces the risk of higher-stakes aviation-related claims. Nonetheless, over-crediting/greenwashing risk is elevated by missing or unclear leakage treatment and by the lack of key disclosed parameters (e.g., grid emission factor) needed to sanity-check ER magnitude. The CCP status is not found in the extracted record, leaving uncertainty about alignment with higher-integrity labels.

Documentation — 7.2 / 10

+ Multiple core documents are present in the extracted record (PDD, validation report, monitoring report) and extraction confidence is high with 8 documents used.

- The presence of several contradictions between documents suggests internal inconsistency and lowers confidence in some disclosures.

The extracted record references multiple document types (monitoring report, validation report, PDD) and indicates 8 documents were used with high extraction confidence, supporting a relatively strong documentation score. The monitoring report is recent (2023-07-31) and aligns with the stated crediting period start (2021-06-01). However, repeated contradictions between the monitoring report and validation report suggest documentation inconsistencies that reduce reliability for certain non-carbon and procedural claims.

Risk Indicators

● Additionality	VVB-confirmed additionality
● Permanence	Avoidance project (no reversal buffer needed)
● Leakage	Leakage not evidenced in extracted record
● Baseline	Project-specific baseline; reassessment timing unclear
● Safeguards	Safeguard claims inconsistent across documents
● Double-claim	Not CORSIA-eligible; CCP status not stated

What Would Improve This Score

→ Disclose and reconcile leakage assessment and any leakage deduction (or justify negligible leakage) explicitly in the monitoring/verification documentation.

→ Provide the grid emission factor (and applicable year/source) used for ER quantification and include a clear claimed-versus-verified ER comparison table.

→ Resolve contradictions on FPIC, grievance mechanism, safeguards, and benefit sharing by aligning statements across the validation report and monitoring report with supporting evidence.

Documents Reviewed

- Issuance Representation
- Monitoring Report
- Communications Agreement
- Listing Representation
- Registration Representation
- Registration Review Report
- Draft Project Description
- Project Description
- Validation Representation
- Validation Report
- Verification Report
- Verification Representation

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