QUALITY REPORT

Pichacay Landfill Gas Renewable Energy Project

VCS-1883 · VCS · Ecuador

Report ID: CM-FA3517B9 · Generated: 2026-04-19 · Scoring Methodology: General v2.0

3.2
Overall Score
out of 10

Integrity (35%)	3.4
Transparency (25%)	2.6
Claim Safety (25%)	3.8
Documentation (15%)	2.8

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

Assessment Summary

This is a registered VCS landfill gas project with VVB-confirmed additionality and no material findings, but the evidence record has major reliability gaps. The verification package shows many corrective actions, missing monitoring details, and conflicting emissions reduction figures across documents, which weakens confidence in the claimed credits.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-1883
Sector	renewable_energy
Country	Ecuador
Vintage	2018
Project Methodology	AMS-III.G 10.0
Crediting Period	2017 — 2027
VVB	LGAI Technological Center, S.A. (Applus+ Certification)
Verified ERs	24,801 tCO2e
Monitoring Period	2024 — 2024
Confidence	Medium
Documents Reviewed	30 documents reviewed
Scored	2026-04-19

Red Flags

- ■ Large contradictions in emissions reduction totals across documents, including a much lower verified figure in the latest issuance record than in earlier records.
- ■ Numerous corrective actions were required, including missing electricity sales evidence, incomplete monitoring details, and calculation discrepancies.

Score Breakdown

Integrity — 3.4 / 10

+ Additionality was confirmed by the VVB, and the verification report reported no material findings.

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

The project benefits from VVB-confirmed additionality and the verification report states no material findings, which supports the core project case. However, leakage is not addressed in the extracted record, and there is no baseline method or reassessment detail available, which weakens the robustness of the integrity assessment. The corrective actions also show several calculation and monitoring weaknesses that reduce confidence in the emissions accounting.

Transparency — 2.6 / 10

+ The monitoring period is clearly stated for 2024, and the project has a named VVB.

- The record contains major contradictions in claimed versus verified emission reductions, and several monitoring details were missing or incomplete.

Transparency is limited by missing or incomplete monitoring information, including absent details for key parameters and missing supporting evidence for electricity commercialization and meter verification. The monitoring period is clear, but the issuance package required multiple corrective actions, indicating documentation gaps. The low extraction confidence further reduces trust in the completeness of the record.

Claim Safety — 3.8 / 10

+ The project is a landfill gas renewable energy project with a quantified grid emission factor reported.

- The latest issuance record shows a large gap between claimed and verified reductions, and leakage treatment is not documented.

Claim safety is weakened by the large discrepancy between claimed and verified emission reductions and by the absence of a documented leakage treatment. The project type is generally lower risk than many industrial categories, but the record still shows calculation inconsistencies and missing supporting evidence. Because CORSIA eligibility and CCP status are not stated, dual-claim risk cannot be ruled out from the extracted facts alone.

Documentation — 2.8 / 10

+ A relatively large set of official documents was used, and the project has a defined crediting period and monitoring period.

- Extraction confidence was low, and the issuance report lists many corrective actions plus missing references and calculation details.

The record draws on many official documents, but the extraction confidence is low, which materially lowers documentation quality. The issuance report includes numerous corrective actions, including missing references, incomplete monitoring details, and discrepancies in formulas and reported values. The crediting period is known, but the baseline and several key methodological details are not stated in the available documents.

Risk Indicators

● **Additionality**	VVB-confirmed additionality
● **Permanence**	No reversal evidence, but buffer treatment not stated
● **Leakage**	Leakage not addressed
● **Baseline**	Baseline method not stated
● **Safeguards**	FPIC and grievance mechanism documented
● **Double-claim**	CORSIA/CCP status not stated

What Would Improve This Score

→ Provide a complete, reconciled emissions accounting trail that explains the contradictions between claimed and verified reductions across reporting periods.

→ Publish the missing baseline, leakage, meter calibration, and commercialization evidence, and resolve all corrective actions in a revised verification package.

Documents Reviewed

- I2_PRR_1883_2021Dec09.pdf
- ISSUANCE DEED 21 Nov 2024.pdf
- VCS-Issuance-Representation- EBE July 2021.pdf
- Issuance Representation Pichacay 3 June 2022 complete.pdf
- ISSUANCE DEED.PDF
- R&I1;_PRR_PL1883_27 AUG 2019.pdf
- Project ID 1883_PRR_22-11-2022.pdf
- Issuance Representation_1883_2025-08-26.pdf
- VCS_V4_PRR_1883_26MAR2025.pdf
- VCS MR Project 1883 01012023-31122023_Cleaned.pdf
- VCS-Monitoring-Report Pichacay LFG project 1 Jan_25 Aug 2021 v5_clean.pdf
- VCS-Joint-Project-Description-Monitoring-Report 7 July 2019 v2.pdf
- VCS-Monitoring-Report Pichacay vintage 20192020 30 June 2021.pdf
- VCS MR Project 1883 01012024-31122024.pdf
- VCS ERR Calculation Project 1883 01012024-31122024.xlsx
- REGISTRATION DEED.PDF
- GHG calculation Pichacay LFG project 1 Jan_25 Aug 2021 v4.xlsx
- Verra-Registry-Com-Agreement-EMAC BGP & BTG.pdf
- VCS ER calculation Project 1883 01JAN2023-31DEC2023_review round1.xlsx
- David Gonzalez new Director project proponent 13 May 2019.pdf
- 24 July 2019_Validation deed_Ecuador project.pdf
- Verification-Representation-v4.2.pdf
- VCS-Verification-Representation-v4.1.pdf
- 27th August 2019_FVR_Ecuador project_clean.pdf
- VR_Pichacay_version 2_25102022_clean.pdf
- VCS VerR Project 1883 01012024-31122024.pdf
- 24 July 2019_Verification deed_Ecuador project.pdf
- VCS VerR Project1883 01012023-31122023_Cleaned.pdf
- VCS Verification Report-Pichacay LFG project_version 4_TR 161121.pdf

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