

QUALITY REPORT

Biochar Project-1 by WeAct

VCS-4578 · VCS · India

Report ID: CM-3449A59D · Generated: 2026-04-15 · Scoring Methodology: General v2.0

5.3

Overall Score
out of 10

■ Integrity (35%)	5.8
■ Transparency (25%)	4.6
■ Claim Safety (25%)	4.9
■ Documentation (15%)	6.2

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

Assessment Summary

This project has some positive safeguards and VVB involvement, but the extracted record leaves major gaps on additionality, leakage treatment, permanence, and credit quantification. The overall risk picture is moderate-to-high because several core carbon-accounting elements are not stated in the available documents.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-4578
Sector	biochar
Country	India
Vintage	Aging
Project Methodology	VM0044 1.1
Crediting Period	2023 — 2030
VVB	4K Earth Science Private Limited (4KES)
Monitoring Period	2023 — 2023
Confidence	High
Documents Reviewed	12 documents reviewed
Scored	2026-04-15

Red Flags

- No quantified leakage deduction or justification is provided, and reversal treatment is not addressed.
- Key crediting figures are missing, including claimed versus verified emission reductions, which limits confidence in over-crediting risk.

Score Breakdown

Integrity — 5.8 / 10

+ Additionality was confirmed by the VVB, which is a meaningful positive signal for project integrity.

- The record does not state the additionality test type, buffer pool contribution, leakage deduction, or any reversal treatment, leaving several core integrity checks incomplete.

The monitoring report dated 2023-07-05 shows additionality was confirmed by the VVB, which supports the project's core eligibility case. However, the extracted record does not state the additionality test type, buffer pool percentage, leakage deduction, or any reversal events, and leakage is explicitly marked as not addressed. With no reassessment date for the baseline and no quantified permanence treatment, integrity is only moderate.

Transparency — 4.6 / 10

+ The monitoring report is identified, dated 2023-07-05, and the project has a named VVB, which supports some traceability.

- Claimed and verified emission reduction totals are not found in the extracted record, and usage monitoring is not stated, limiting MRV transparency.

The project has a named verifier, 4K Earth Science Private Limited, and the monitoring report is dated and tied to a defined monitoring period from 2023-04-12 to 2023-06-30. Still, the record does not include claimed versus verified emission reduction totals, usage monitoring method, or any quantified registry issuance details. That leaves the MRV trail only partially transparent.

Claim Safety — 4.9 / 10

+ The project uses a project baseline and the VVB confirmed additionality, which helps reduce some claim risk.

- Leakage is marked as not addressed, and there is no evidence in the extracted record for verified usage rates or quantified over-crediting checks.

Claim safety is weakened by the absence of verified emission reduction totals and the lack of any leakage treatment, which raises over-crediting concerns. The project baseline is project-specific rather than jurisdictional or standardized, and no verified usage rate is available in the extracted record. These gaps make the public claim less robust even though additionality was VVB-confirmed.

Documentation — 6.2 / 10

+ Multiple document types were used, including validation, monitoring, PDD, and issuance materials, and extraction confidence is high.

- The monitoring period is relatively short and several key fields remain unstated, so the documentation set is incomplete for a full-quality assessment.

The evidence base is reasonably broad, with validation, monitoring, PDD, and issuance documents listed, and extraction confidence is high. The project also has a defined crediting period from 2023-04-12 to 2030-04-11, which helps with recency. Even so, several important fields are not stated in available documents, so the documentation is incomplete for a high-confidence assessment.

Risk Indicators

● Additionality	VVB-confirmed additionality
● Permanence	No reversal treatment stated
● Leakage	Leakage not addressed
● Baseline	Project baseline, reassessment not stated
● Safeguards	FPIC and grievance mechanism present
● Double-claim	CORSIA/CCP status not stated

What Would Improve This Score

→ Publish the verified emission reduction totals, leakage treatment, and any buffer or reversal provisions in a clear issuance summary.

→ Provide a complete MRV package showing the additionality test used, baseline reassessment timing, and quantified usage monitoring results.

Documents Reviewed

- Issuance Representation
- Monitoring Report
- Registration Representation
- ERR Calculation Spreadsheet
- Listing Representation
- Project Description
- Draft Project Description
- Validation Representation
- Verification Representation
- Validation Report
- Verification Report

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CarbonMeld does not have access to non-public project information, internal project documentation, or confidential communications with project developers. The analysis pipeline may not have retrieved all publicly available documents for this project.

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