

QUALITY REPORT

Blue Fire Bio wastewater treatment and biogas utilization project (300147)_pre-CDM VER

GS-1191 · GS · Thailand

Report ID: CM-0843F079 · Generated: 2026-04-19 · Scoring Methodology: General v2.0

4.3 Overall Score out of 10	■ Integrity (35%)	4.8
	■ Transparency (25%)	4.1
	■ Claim Safety (25%)	4.3
	■ Documentation (15%)	3.6

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

Assessment Summary

The project has some strengths, including VVB-confirmed additionality and a verified emission reduction figure, but the evidence base is thin and several key safeguards and MRV details are missing. Leakage treatment is unclear, there are many corrective actions, and the record contains a contradiction on leakage justification that reduces confidence in the claims.

Project Details

Registry	Gold Standard
Registry ID	GS-1191
Sector	biomass
Country	Thailand
Vintage	Stale
Project Methodology	AMS III.H version 13
Crediting Period	2011 — 2017
VVB	Germanischer Lloyd Certification GmbH
Verified ERs	19,332 tCO2e
Monitoring Period	2010 — 2011
Confidence	Medium
Documents Reviewed	6 documents reviewed
Scored	2026-04-19

Red Flags

- Leakage treatment is inconsistent: one document indicates a quantified approach, while the monitoring report says leakage was not addressed.
- The verification found 12 CARs and 5 CLs, suggesting material documentation and implementation issues.

Score Breakdown

Integrity — 4.8 / 10

- + Additionality was confirmed by the VVB using an investment test, which supports the project's core crediting rationale.
- Leakage is weakly supported: the monitoring report states leakage was not addressed, and reversal risk is not discussed.

The monitoring report confirms additionality through an investment test and shows a verified emission reduction total of 19,332, which is a positive sign. However, leakage is not convincingly handled: the report says leakage was not addressed, yet a 0% leakage deduction is recorded, and reversal events are also not addressed. The presence of 12 CARs and 5 CLs further weakens confidence in the robustness of the project's crediting integrity.

Transparency — 4.1 / 10

- + A named VVB, Germanischer Lloyd Certification GmbH, and a verified emission reduction total of 19,332 are reported in the monitoring report.
- Key MRV fields are missing or not stated, including usage monitoring details, FNRB treatment, and claimed versus verified ER comparison.

Transparency is mixed because the monitoring report identifies the VVB as Germanischer Lloyd Certification GmbH and provides a monitoring period from 2010-04-09 to 2011-04-08. At the same time, several important MRV elements are not stated in available documents, including usage monitoring method, FNRB treatment, and claimed versus verified ER reconciliation. The record is therefore usable but incomplete.

Claim Safety — 4.3 / 10

- + The project uses AMS III.H and a project baseline, which is at least a defined methodological framework.
- Leakage deduction is shown as 0% despite the report saying leakage was not addressed, creating over-crediting risk.

Claim safety is constrained by the weak leakage treatment and the contradiction in the record. The project follows AMS III.H and uses a project baseline, but the leakage deduction of 0% is hard to reconcile with the statement that leakage was not addressed. With no clear CORSIA or CCP status available, the project cannot benefit from stronger claim-safety signals.

Documentation — 3.6 / 10

- + Four documents were used and the extraction confidence is medium, so the record is not completely sparse.
- The monitoring report lists 12 CARs and 5 CLs, and several important fields are not found in the extracted record.

Documentation quality is below average because several key fields are missing from the extracted record, including grievance mechanism, FPIC, buffer pool, and usage monitoring details. The monitoring report is dated 2012-08-27, which is reasonably close to the monitoring period, but the 12 CARs and 5 CLs indicate substantial follow-up was needed. Medium extraction confidence helps, but the overall file set still looks incomplete.

Risk Indicators

● Additionality	VVB-confirmed investment test
● Permanence	reversal risk not addressed
● Leakage	leakage treatment unclear
● Baseline	project baseline, reassessment not stated
● Safeguards	safeguards mentioned but not documented
● Double-claim	CORSIA/CCP status not stated

What Would Improve This Score

- Provide a clear, documented leakage assessment and reconcile the 0% deduction with the statement that leakage was not addressed.
- Publish the missing MRV and safeguards details, including usage monitoring, grievance mechanism, FPIC, and any follow-up closure of the 12 CARs and 5 CLs.

Documents Reviewed

- (1)Monitoring Report_1st monitoring period_09-04-10 to 08-04-11_v3.1.pdf
- GS Passport_12-02-15.pdf
- PDD_18-11-10.pdf
- Gold Standard Registry — GS-1191
- Gold Standard Assurance Platform — GS-1191
- (1)Verification Report_1st monitoring period_09-04-10 to 08-04-11_v6.0.pdf

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