

QUALITY REPORT

Sierra Leone Safe Water Project

GS-1862 · GS · Sierra Leone

Report ID: CM-00BEE896 · Generated: 2026-04-23 · Scoring Methodology: General v2.0

5.1 Overall Score out of 10	■ Integrity (35%)	6.2
	■ Transparency (25%)	5.0
	■ Claim Safety (25%)	4.5
	■ Documentation (15%)	4.0

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

Assessment Summary

The project shows some strengths: additionality was confirmed by an independent VVB and the baseline was reassessed in 2024. However, contradictory and missing information on leakage, reversal treatment, and key emission/ERR figures, together with low data extraction confidence, reduce confidence and raise overcrediting risk.

Project Details

Registry	Gold Standard
Registry ID	GS-1862
Sector	water
Country	Sierra Leone
Vintage	2021, 2022
Project Methodology	Technologies and Practices to Displace Decentralized Thermal Energy Consumption Version 1 (TPPDTEC v1)/ Technologies and Practices to Displace Decentralized Thermal Energy Consumption Version 3.1 (TPPDTEC v3.1)
Crediting Period	2019 — 2024
VVB	SustainCERT
Monitoring Period	2024 — 2024
Confidence	Medium
Documents Reviewed	40 documents reviewed
Scored	2026-04-23

Red Flags

- Contradictory leakage treatment: 0% deduction vs earlier 5% (documents conflict).
- Reversal events not addressed in recent documents and no buffer pool percentage stated.

Score Breakdown

Integrity — 6.2 / 10

+ Additionality confirmed by SustainCERT in the verification report (2024-05-29)

- Reversal treatment not addressed and buffer pool percentage not stated; leakage treatment contradicted between documents

The verification report (2024-05-29) states that additionality was confirmed by the VVB (SustainCERT) and the baseline was reassessed in 2024, which supports integrity. However, reversal events are described as not addressed in the monitoring record and no buffer pool percentage is provided in available documents; leakage treatment is inconsistent (0% deduction in the 2024 monitoring report versus a 5% figure in an earlier/unknown document). These inconsistencies and the lack of explicit reversal safeguards reduce the integrity score.

Transparency — 5.0 / 10

+ VVB name and a recent monitoring period (2024) are reported in the verification/monitoring reports

- Key numeric fields missing from extracted record (total emissions claimed/verified, grid EF) and minimum extraction confidence is low

SustainCERT is named and a clear monitoring period for 2024 is provided, and multiple evidence documents are listed (validation, monitoring, verification, PDD, stakeholder consultation). Yet key numeric outputs are missing from the extracted record (total emissions claimed/verified and grid emission factor are not found) and the minimum extraction confidence is low, which undermines transparency and traceability.

Claim Safety — 4.5 / 10

- Inconsistent FN/RB and usage figures across documents (monitoring report vs PDD and other records) which increases over-crediting risk

- Mixed leakage justification: latest monitoring report says leakage negligible, earlier documents quantified leakage

There is elevated risk of over-crediting: the latest monitoring report uses a national default FN/RB factor (0.95) and an annual survey for usage monitoring, but the merged facts show multiple contradictory FN/RB values and usage rates across earlier documents (PDD and earlier monitoring reports). CORSIA/CCP status is not stated, leaving double-claim risk unresolved. These contradictions and gaps lower claim safety.

Documentation — 4.0 / 10

+ Multiple evidence documents listed and 23 documents used

- Low extraction confidence and several 'unknown' or missing source entries (e.g., unknown docs and missing registry values)

A substantial set of documents is listed and 23 documents were used, including a recent verification report (2024-05-29). However, extraction confidence is low and some sources are listed as 'unknown' or missing, and there are unresolved contradictions flagged in the record. The low extraction confidence and unknown/contradictory inputs reduce the documentation score.

Risk Indicators

● Additionality	VVB-confirmed
● Permanence	reversal not addressed
● Leakage	inconsistent treatment
● Baseline	project baseline, recent reassessment
● Safeguards	FPIC & grievance present
● Double-claim	CORSIA/CCP status unclear

What Would Improve This Score

- Publish clear, reconciled leakage analysis and state any leakage deduction or a robust justification in the registry/verification report.
- Document reversal risk and buffer/reserve arrangements and resolve contradictory FN/RB and usage figures by issuing an updated monitoring report with corrected consolidated figures.

Documents Reviewed

- ER Calcs - with updated baselines for comparison.xlsx
- PoA GS1247 Annual-Report - signed.pdf
- Project-Annual-Report_Sierra Leone Safe Water_Dec2025.pdf
- SL_MP3-MP2_ER Calcs_CAPPED_v3.xlsx
- SL_MP3-MP2_MR_v3_CLEAN(2).pdf
- SL_MP4_MR_v6 - Clean.pdf
- Monitoring Report
- (1)Monitoring Report_1st monitoring period_19.05.19 to 31.08.20_v9.pdf
- SL_MP3-MP2_MR_v3_CLEAN.pdf
- GS7475-84_GS10663-65_SierraLeone_AR_2023_v1(1).pdf
- CO2b User Numbers Deviation-Request-Form v1_Final decision.pdf
- DEV_255 (1).pdf
- GS7475-77_ERSDWS_Ex Antes_v.5.xlsx
- T-v1.1-Design-Change-Memo_GS1247_v2_CLEAN.pdf
- T-v1.1-Design-Change-Memo_GS1247_COL, HAITI, GUAT v2_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v17.2_TRACKED_R2_Earthhood.pdf
- PDD_05.24.2013_v3.pdf
- GS7476 Stakeholder Consultation Report_09.07.19_v2.pdf
- GS1247_IKR_Micro_PoA-DD_CP2_v16_TRACKED.pdf
- GS1247 IKR Micro PoA-DD CP2 v15.3 TRACKED.pdf
- Project Design Document (PDD)
- (1)PDD_29.10.19_v3.pdf
- GS1247 IKR Micro PoA-DD CP2 v11_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v14_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v10 CLEAN.pdf
- Sierra Leone VPA-DD v.5.pdf
- GS1247 IKR Micro PoA-DD CP2 v17.3_CLEAN.pdf
- KAOD SW GS1359 VPA-DD v2 CLEAN.pdf
- Gold Standard Assurance Platform — GS-1862
- Gold Standard Registry — GS-1862
- 20210730.MD.GEN.009_Verification_Report_GS7475-84(PoA GS 1247)_VER03_Ver1.1.docx.pdf
- GS7475-7484_10663-65 Verification_Report Rev1.pdf
- GS1247_PoA-DD Clean_CP2_Improved Kitchen_19-02-2025.pdf
- GS1247_Internal_Validation_PoA_13062013_final.pdf
- GS7475-77_Validation RCP (FVR) v3.pdf
- 1.xlsx
- Verification Report_1st monitoring period_19.05.19 to 31.08.20.pdf
- GS 1247_FVR Clean_Improved Kitchen_19-02-2025[23].pdf
- FVR_GS1247_v3.0_PoA_Clean.pdf

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