QUALITY REPORT

Buyukduz Hydroelectric Power Plant, Turkey

VCS-1322 · VCS · Turkey

Report ID: CM-A4B2025E · Generated: 2026-04-19 · Scoring Methodology: General v2.0

Overall Score		
5.0 out of 10	Integrity (35%)	5.6
	Transparency (25%)	4.8
	Claim Safety (25%)	5.1
	Documentation (15%)	3.7

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

Assessment Summary

This hydro project has some positive integrity signals, including VVB-confirmed additionality and a quantified leakage deduction of 0%, but the verification report also records twelve assessment findings that still need to be resolved. Transparency is weakened by low extraction confidence, limited public-document completeness, and unresolved questions around leakage and reversal treatment.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-1322
Sector	renewable_energy
Country	Turkey
Vintage	Aging
Project Methodology	ACM0002 21.0
Crediting Period	2022 — 2032
VVB	Earthood Services Private Limited
Verified ERs	361,957 tCO2e
Monitoring Period	2017 — 2022
Confidence	Medium
Documents Reviewed	21 documents reviewed
Scored	2026-04-19

Red Flags

- The verification report records twelve assessment findings and requires corrective actions before issues are fully closed.
- Leakage treatment is inconsistent across documents: one record says leakage was quantified, while the later verification record says it was not addressed.

Score Breakdown

Integrity — 5.6 / 10

+ Additionality was confirmed by the VVB using an investment test in the verification report.

- The verification report lists twelve assessment findings and says they must be addressed to Verra's satisfaction; reversal risk is not addressed and no buffer pool is stated.

The verification report confirms additionality through an investment test and shows a quantified leakage deduction of 0%, which supports the project's core crediting logic. However, the same report lists twelve assessment findings and requires corrective actions, while reversal events are not addressed and no buffer pool is stated, so permanence and robustness are only moderate.

Transparency — 4.8 / 10

+ The project has a named VVB, a defined monitoring period, and reported claimed versus verified issuance figures in the verification report.

- Extraction confidence is low and only one evidence document is clearly identified, with several key fields not stated in available documents.

The project has a named verifier, Earthood Services Private Limited, and the monitoring period and issuance figures are reported in the verification report. Still, extraction confidence is low, several fields are not stated in available documents, and the evidence list is not clearly populated, which limits document-level transparency.

Claim Safety — 5.1 / 10

+ The verified issuance is slightly below the claimed amount, which is a modest sign against over-crediting.

- Leakage justification is marked as not addressed in the verification record, and the project's CORSIA/CCP status is not stated.

Claim safety is helped by the fact that verified emissions reductions are slightly lower than claimed reductions, suggesting no obvious inflation in the final verified amount. That said, leakage justification is inconsistent across documents, and the project's CORSIA eligibility and CCP status are not stated, leaving residual greenwashing and double-claim uncertainty.

Documentation — 3.7 / 10

+ The record includes a recent verification report dated 2023-12-19 and references 21 extracted documents.

- Low extraction confidence and unresolved corrective actions reduce confidence in the completeness and reliability of the documentation set.

The documentation set includes a recent verification report and a relatively large number of extracted documents, which is a positive sign. But low extraction confidence indicates at least one key document was poorly readable, and the unresolved corrective actions mean the record is not fully clean or complete.

Risk Indicators

Additionality	VVB-confirmed investment test
Permanence	No buffer pool stated
Leakage	Leakage treatment inconsistent
Baseline	Project baseline with reassessment timing
Safeguards	FPIC and grievance mechanism present
Double-claim	CORSIA/CCP status not stated

What Would Improve This Score

→ Provide a clean, fully legible verification and monitoring package that resolves the twelve assessment findings and clearly identifies all source documents.

→ Publish explicit, consistent statements on leakage treatment, reversal risk management, buffer pool coverage, and CORSIA/CCP status.

Documents Reviewed

- VCS-Issuance-Representation-Single-Representor-v4.1-1322-Buyukduz_HEPP.pdf
- Issuance-Representation-Single-PP-v4.3-1322-Buyukduz_HEPP-v2.pdf
- Issuance-Representation-Single-PP-v4.3-1322-Buyukduz_HEPP.pdf
- I1_PRR_1322_10MARCH2021.pdf
- Buyukduz vcs-joint-project-description-monitoring-report v.07.pdf
- Final_MR_463 Buyukduz hydro_v05_09-02-2021.pdf
- Buyukduz HPP_ER_v3.xls
- Registration-Representation-Single-PP-v4.3-1322-Buyukduz_HEPP-v2.pdf
- Registration-Representation-Single-PP-v4.3-1322-Buyukduz_HEPP.pdf
- PP_REG_REP_1322_27MAY2014.pdf
- ERR Calculation Spreadsheet
- VCS_Exemption_Approved_ID_1322_07_August_2023.pdf
- Final_ER calculations_463 Buyukduz hydro_v04_12-10-2020.xlsx
- PROJ_DESC_1322_26MAY2014.pdf
- VALID_REP_1322_28MAY2014.pdf
- Signed_VCS Ver Rep_463 Buyukduz hydro_Christian Johannes_16-11-2020.pdf
- VCS-Validation-Representation-v4.2_Buyukduz.pdf
- FVR_VCS.VAL.22.123_Buyukduz.pdf
- Final_Ver Report_463 Buyukduz hydro_AnD1l SC6yler_v02_12-02-2021.pdf
- VCS-Verification-Representation-v4.2_Buyukduz.pdf
- VALID_STA_1322_28MAY2014.pdf

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