

QUALITY REPORT

Alkumru Hydroelectric Power Plant

VCS-1464 · VCS · Türkiye

Report ID: CM-48E9728C · Generated: 2026-04-18 · Scoring Methodology: General v2.0

3.9 Overall Score out of 10	■ Integrity (35%)	4.6
	■ Transparency (25%)	3.8
	■ Claim Safety (25%)	3.4
	■ Documentation (15%)	3.1

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

Assessment Summary

The project has some positive integrity signals, including VVB-confirmed additionality and a recent baseline reassessment, but key risk areas are weakly documented. Reliability is reduced by low extraction confidence, multiple corrective actions, and major contradictions in reported emissions reductions, crediting period, and leakage treatment.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-1464
Sector	renewable_energy
Country	Türkiye
Vintage	2017, 2018
Project Methodology	ACM0002 20
Crediting Period	2011 — 2031
VVB	EPIC Sustainability Services Pvt. Ltd
Verified ERs	309,207 tCO2e
Monitoring Period	2020 — 2021
Confidence	Low
Documents Reviewed	31 documents reviewed
Scored	2026-04-18

Red Flags

- Large contradiction in verified emission reductions: one document set supports 309,207 tCO₂e while another supports 2,854,350 tCO₂e, indicating a serious reliability issue.
- Leakage treatment is inconsistent: one source says leakage was deemed negligible, while the issuance record says leakage is not addressed.
- The monitoring report contains numerous corrective actions and inconsistencies, including unclear self-consumption calculation, missing calibration details, and inconsistent monitoring-period statements.

Score Breakdown

Integrity — 4.6 / 10

+ Additionality was confirmed by the VVB, and the project uses an investment test under ACM0002.

- Leakage is not addressed in the issuance record, and the record shows no buffer pool percentage or reversal treatment.

The project has a positive additionality signal because the VVB confirmed an investment test, and the baseline was reassessed in 2021. However, integrity is weakened by the lack of a buffer pool figure, reversal treatment not being addressed, and leakage justification being marked as not addressed in the issuance record. The monitoring report also lists many corrective actions, which suggests unresolved implementation and data-quality issues.

Transparency — 3.8 / 10

+ The monitoring period is stated as 2020-10-01 to 2021-12-31, and the VVB is named as EPIC Sustainability Services Pvt. Ltd.

- The record shows a major discrepancy in verified emission reductions and multiple monitoring-report inconsistencies, reducing confidence in public reporting.

Transparency is limited by inconsistent reporting and incomplete monitoring detail. The monitoring period is stated, and the VVB is identified, but usage monitoring method is not found in the extracted record and the report includes multiple inconsistencies about the monitoring period, self-consumption calculation, and parameter tables. The low extraction confidence further reduces trust in documentation quality.

Claim Safety — 3.4 / 10

+ The project is an avoidance project in the renewable energy sector with a grid emission factor reported for 2021.

- The verified emissions reduction figure is heavily contradicted across documents, and leakage treatment is inconsistent.

Claim safety is materially weakened by the contradiction in verified emission reductions: one record supports 309,207 tCO₂e while another supports 2,854,350 tCO₂e. I privileged the issuance record's 309,207 tCO₂e because it is the more recent document and appears to be the final issuance source, but the size of the discrepancy still raises over-crediting risk. Leakage treatment is also inconsistent across documents, which adds to the risk that the credited reductions are overstated.

Documentation — 3.1 / 10

+ A substantial number of documents were used, and the record includes a named VVB plus a recent issuance date in 2023.

- Extraction confidence is low, and the monitoring report required many corrective actions, including missing parameter details and internal inconsistencies.

Documentation quality is below average because the extraction confidence is low and the evidence set contains many corrective actions from the verification process. The project does have a named VVB and a large number of source documents, but key fields such as leakage deduction, buffer pool, usage monitoring method, and several operational details are missing or not stated. The crediting period also appears contradictory across documents, which further weakens confidence in the record set.

Risk Indicators

● Additionality	VVB-confirmed investment test
● Permanence	No buffer pool stated
● Leakage	Leakage treatment inconsistent
● Baseline	Project baseline with reassessment
● Safeguards	FPIC and grievance mechanism present
● Double-claim	Registry status known, dual-claim status unclear

What Would Improve This Score

- Publish a reconciled emissions-reduction statement that explains the 309,207 versus 2,854,350 tCO2e discrepancy and identifies the final authoritative value.
- Provide a complete monitoring annex with leakage treatment, buffer or reversal provisions, usage-monitoring method, and closure of all corrective actions.

Documents Reviewed

- VCS-Issuance-RSR-VCS1464Alkumruv3.5.doc
- Project ID 1464, Project Review Report_March 2023.pdf
- Alkumru2ndMRIssuanceDeed.pdf
- Alkumru VCS Issuance Deed.pdf
- VCS-Issuance-RSR-VCS1464Alkumruv3.5.pdf
- Issuance Representation
- VCS-Monitoring-Report-Template-v4.0Alkumru MR V.1.1(FnlClean).pdf
- AlkumruVCSMRReportPeriod1v3.01.pdf
- Clean Alkumru HPP VCS MR_3.0_18_01_2023_Clean.pdf
- SC_VALID_REP_1464_12JUN2013_POINTZERO.pdf
- SOCIALCARBON Team Opinion CCA 14 07 15.pdf
- SC_REP_1464_08APR2014_POINTZERO.pdf
- AlkumruSOCIALCARBON_Report_v3.00(June12,2013)Final.pdf
- Corrected Alkumru Registration Representation pdf..pdf
- 1464_Exemption Request Response_Ekobil_9 October 2020.pdf
- PP_REG_REP_1464_03DEC2014.pdf
- VCS Project Review Report (1464, Alkumru Hydro, Turkey).pdf
- PROJ_DESC_1464_10DEC2012.pdf
- Alkumru VCS-Project-Description-03.01.2022_CorrectedClean.pdf
- VALID_REP_1464_14DEC2012.pdf
- Verification_Deed_Alkumru_signed.pdf
- VALID_STA_1464_14DEC2012.pdf
- FVR_VCS_VER_VCS ID 1464_18.01.2022.pdf
- VCS-Validation-Representation-VCS ID 1464.pdf
- 21220178_Alkumru_VCS VER_2014 04 03.pdf
- Deed - Alkumru HPP.pdf
- VCS1464 Alkumru VCS-Verification-Report.pdf
- 21220178_Alkumru_DEED.pdf
- VCS-FVR (Alkumru HPP)_25_01_2023.pdf

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