QUALITY REPORT

Datong River Tianwanggou Hydropower Station

VCS-823 · VCS · China

Report ID: CM-1EFB4938 · Generated: 2026-04-02 · Scoring Methodology: General v2.0

6.0 Overall Score out of 10	Integrity (35%)	5.4
	Transparency (25%)	6.2
	Claim Safety (25%)	6.0
	Documentation (15%)	6.8

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

Assessment Summary

This VCS hydropower project reports verified emission reductions matching the claimed amount for the 2015–2018 monitoring period, with additionality confirmed via an investment test. However, leakage treatment is inconsistently documented across monitoring reports, and there are notable internal inconsistencies flagged as material findings (including crediting-period inconsistencies), which weakens confidence in the underlying project record.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-823
Sector	renewable_energy
Country	China
Vintage	Stale
Project Methodology	ACM0002 07
Crediting Period	2008 — 2018
VVB	China Classification Society Certification Company
Verified ERs	484,727 tCO2e
Monitoring Period	2015 — 2018
Confidence	Medium
Documents Reviewed	14 documents reviewed
Scored	2026-04-02

Red Flags

- Crediting period is inconsistent between the monitoring report (2008–2018) and the validation report (2010–2020), and the monitoring report itself notes a crediting-period contradiction requiring correction.
- Leakage is recorded as a 0% deduction but leakage justification is inconsistent across monitoring reports ("not addressed" vs "deemed negligible").

Score Breakdown

Integrity — 5.4 / 10

+ Additionality was confirmed by the VVB using an investment test (monitoring report, 2021).

- Multiple material findings/corrective actions indicate inconsistencies in core project descriptions and crediting-period definition (monitoring report, 2021).

The monitoring report (2021) indicates additionality was confirmed by the VVB using an investment test, which supports additionality. Baseline setting is project-specific under ACM0002 (version 07), and the extracted record does not state when the baseline was last reassessed, which adds uncertainty. Leakage is applied as a 0% deduction, but the monitoring reports conflict on whether leakage was justified as negligible or not addressed, weakening confidence in the leakage assessment (monitoring reports, 2012 and 2021). Material findings and corrective actions in the monitoring report (2021) flag inconsistencies in equipment description and crediting-period presentation, which is a substantive integrity concern.

Transparency — 6.2 / 10

+ Claimed and verified ERs match at 484,727 tCO2e for the monitoring period 2015-12-30 to 2018-06-19 (monitoring report, 2021).

- Key MRV/baseline details are incomplete in the extracted record (e.g., grid EF year and baseline reassessment timing not stated in available documents).

For the 2015-12-30 to 2018-06-19 monitoring period, the monitoring report (2021) shows the verified ERs equal the claimed ERs (484,727 tCO2e), which is a positive MRV signal. The grid emission factor is reported as 0.8498, but the grid EF year is not stated in available documents, limiting reproducibility. The extracted record also does not provide a baseline reassessment date, and leakage justification is inconsistently stated across monitoring reports, reducing transparency on key assumptions.

Claim Safety — 6.0 / 10

+ The project is explicitly not CORSIA-eligible, reducing aviation-claim channel risk (monitoring report, 2021).

- Over-crediting/quality risk is elevated by contradictions on leakage justification and crediting period across documents (monitoring report, 2021; validation report, 2012).

The project is explicitly not CORSIA-eligible (monitoring report, 2021), which lowers the risk of problematic aviation-related claims. However, claim safety is weakened by contradictions that can affect crediting boundaries and over-crediting risk: leakage justification differs between monitoring reports (2012 vs 2021), and the crediting period differs between the monitoring report and validation report. CCP status is not stated in available documents, leaving uncertainty about alignment with higher-integrity labels.

Documentation — 6.8 / 10

+ A relatively broad document set was available (PDD, monitoring report, validation report, issuance) with high extraction confidence (extracted record).

- Corrective actions and material findings show documentation quality/control issues that required fixes (monitoring report, 2021).

The extracted record indicates 12 documents were used and includes core document types (PDD, monitoring report, validation report, issuance), with high extraction confidence. Nonetheless, the monitoring report (2021) lists multiple material findings and corrective actions, including unclear site identification (GPS coordinates) and inconsistent unit/device descriptions, indicating documentation quality issues that required remediation. The presence of unresolved or historically inconsistent statements across documents (e.g., safeguards and leakage narratives) also reduces confidence in documentation consistency over time.

Risk Indicators

Additionality	VVB-confirmed investment test
Permanence	Avoidance project; no reversal risk indicated
Leakage	0% deduction but justification inconsistent
Baseline	Project-specific baseline; reassessment timing unclear
Safeguards	Safeguards/FPIC reported but inconsistent over time
Double-claim	Not CORSIA-eligible; CCP status not stated

What Would Improve This Score

→ Publish a clear, reconciled statement of the official crediting period (with registry evidence) and resolve the internal crediting-period contradiction noted in the monitoring report.

→ Provide a consistent leakage assessment narrative aligned to ACM0002 requirements (explicitly stating whether leakage is negligible and why) and disclose the grid EF vintage/year and any baseline reassessment details.

Documents Reviewed

- Issuance Representation
- Monitoring Report
- Registration Representation
- Project Description
- Verification Representation
- Verification Report
- Validation Report
- Validation Representation

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