QUALITY REPORT

Yunshui Wastewater Treatment Plant Project in Guangdong Province

VCS-2938 · VCS · China

Report ID: CM-D8787C19 · Generated: 2026-04-19 · Scoring Methodology: General v2.0

3.8 Overall Score out of 10	
Integrity (35%)	4.8
Transparency (25%)	2.9
Claim Safety (25%)	3.8
Documentation (15%)	2.7

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

Assessment Summary

The project has some positive signals, including VVB-confirmed additionality and a stated leakage deduction of 0%, but the issuance record also shows many unresolved documentation issues and a low extraction-confidence warning. The very large gap between claimed and verified emission reductions, plus multiple corrective actions and a contradiction on leakage treatment, materially weaken confidence in the credits.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-2938
Sector	water
Country	China
Vintage	Aging
Project Methodology	AM0080 01
Crediting Period	2020 — 2030
VVB	Shenzhen CTI International Certification Co., Ltd (CTI)
Verified ERs	110,002 tCO2e
Monitoring Period	2020 — 2022
Confidence	Medium
Documents Reviewed	13 documents reviewed
Scored	2026-04-19

Red Flags

- ■ Claimed emission reductions were far above verified emissions reductions, with 794,043 claimed versus 110,002 verified.
- ■ The issuance document lists many material findings and corrective actions, including missing baseline, monitoring, and stakeholder-consultation details.
- ■ A contradiction exists on leakage treatment: one document says leakage was not addressed, while the later issuance record says it was deemed negligible.

Score Breakdown

Integrity — 4.8 / 10

+ Additionality was confirmed by the VVB using a combined test, which supports the project case.

- The issuance report records numerous material findings and unresolved baseline and monitoring clarifications, including missing calculation details and baseline demonstrations.

The project's additionality case is stronger than average because the issuance record says the VVB confirmed it through a combined test. However, integrity is weakened by the issuance report's many material findings, including missing baseline demonstrations, incomplete investment-analysis support, and missing monitoring details. Leakage is treated as negligible with a 0% deduction, but the contradiction record shows an earlier document saying leakage was not addressed, so I privileged the later issuance record because it is more recent and more specific.

Transparency — 2.9 / 10

- The monitoring and issuance record shows a large discrepancy between claimed and verified emission reductions, which reduces reporting clarity.

~ The VVB is named and the monitoring period is stated, but key monitoring details such as the usage monitoring method are not found in the extracted record.

Transparency is limited by the large difference between claimed and verified emission reductions, with 794,043 claimed versus 110,002 verified. The monitoring period and VVB are identified, but the extracted record does not state the usage monitoring method, and the low extraction-confidence flag suggests at least one key source was hard to read. The registry status is clear, but the overall reporting trail still looks incomplete.

Claim Safety — 3.8 / 10

- The gap between claimed and verified emission reductions is very large, suggesting elevated over-crediting risk.

~ The project is marked CORSIA-eligible, but CCP status is not stated and the leakage rationale is only described as negligible.

Claim safety is weakened by the very large claimed-versus-verified gap, which raises over-crediting concerns. The project is marked CORSIA-eligible, but CCP status is not stated, so dual-market risk is not fully resolved from the available record. The baseline is project-based rather than a more standardized jurisdictional approach, and the leakage justification is only summarized as negligible.

Documentation — 2.7 / 10

- The extraction confidence is low, and one or more key documents were poorly readable.

- The issuance record lists 32 corrective action requests and 10 clarification requests, indicating substantial documentation weaknesses.

Documentation quality is poor relative to what would be expected for a high-confidence issuance file. The record shows low extraction confidence, only one evidence document explicitly listed in the extracted set, and a long list of corrective actions and clarifications, including missing equipment, stakeholder, and calculation details. The crediting period is long and the monitoring period is recent, but the breadth of unresolved issues keeps the documentation score low.

Risk Indicators

Additionality	VVB-confirmed test
Permanence	reversal risk not addressed
Leakage	0% deduction with contradiction
Baseline	project baseline, reassessment timing limited
Safeguards	partial safeguards documented
Double-claim	CORSIA-eligible, CCP not stated

What Would Improve This Score

→ Publish a complete, reconciled monitoring and issuance package with all calculation spreadsheets, parameter values, and a clear explanation for the claimed-versus-verified reduction gap.

→ Resolve the outstanding baseline, leakage, and stakeholder-consultation issues with a fully documented, VVB-traceable update and explicit evidence for each corrective action closure.

Documents Reviewed

- 2938_PRR_09MARCH2023.pdf
- VCS-Issuance-Representation-Single-Representor-v4.1-Yunshui.pdf
- VCS-Joint-Project-Description-Monitoring-Report-Yunshui wastewater project-CTI-V03-Clean.pdf
- MR-MP1-Yunshui_Emission reduction sheet_VCS_V03.xlsx
- Verra-Registry-Communications-Agreement-single-PP-Yunshui-VCS2938.pdf
- VCS-Registration-Representation-Single-Representor-v4.1-Yunshui.pdf
- Yunshui_Emission reduction sheet_VCS_V03.xlsx
- VCS-Listing-Representation-Single-Representor-v4.1-Yunshui.pdf
- 2938 Yunshui KML_5April2022.kml
- PROJ_DESC_DRAFT_2938_5April2022.pdf
- VCS-Verification-Representation-v4.1_YunshuiB wastewaterB 1stB VER.pdf
- 2023-03-01_VCS-Joint-VAL-VER_FVR_Yunshui wastewater_clean.pdf
- VCS-Validation-Representation-v4.1_YunshuiB wastewaterB VAL.pdf

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