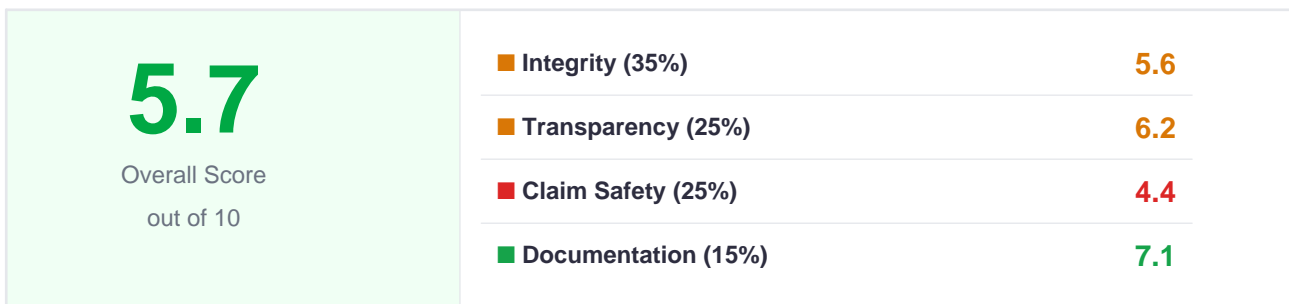


QUALITY REPORT

REDUCING CARBON EMISSIONS ON I-64 CAPACITY IMPROVEMENT PROJECT WITH THE USE OF FSB AND EMULSION ASPHALT MIXTURES

VCS-3094 · VCS · United States

Report ID: CM-DB1A526F · Generated: 2026-04-08 · Scoring Methodology: General v2.0



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

Assessment Summary

The project has VVB-confirmed additionality using a common-practice test and reports no reversal events, but key quantitative elements (notably leakage deduction and verified ERs) are not present in the extracted record. A direct inconsistency between the validation and monitoring documents on whether leakage was addressed raises reliability and over-crediting concerns. CORSIA eligibility increases downstream claim and reputational risk if buyers make high-integrity claims without extra due diligence.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-3094
Sector	other
Country	United States
Vintage	Stale
Project Methodology	VM0039 1.0
Crediting Period	2018 — 2028
VVB	Ruby Canyon Environmental Inc.
Monitoring Period	2018 — 2021
Confidence	Medium
Documents Reviewed	12 documents reviewed
Scored	2026-04-07

Red Flags

- Leakage treatment is inconsistent across documents: the monitoring report deems leakage negligible, while the validation report indicates leakage was not addressed.
- No verified or claimed emission reduction totals were found in the extracted record, limiting the ability to assess over-crediting risk.
- Leakage deduction percentage is not stated despite leakage being discussed, leaving uncertainty about whether any conservative discount was applied.
- Multiple corrective action requests and additional document requests suggest the VVB required substantial follow-up to complete assurance.

Score Breakdown

Integrity — 5.6 / 10

- + The validation/verification process confirms additionality via a common-practice test (validation report).
- Leakage is not consistently treated across core documents, and no leakage deduction is stated (validation report vs monitoring report).

Additionality is confirmed by the VVB using a common-practice test (validation report). The baseline is project-specific rather than standardized, and there is no evidence in the extracted record that the baseline was reassessed during the crediting period (PDD/monitoring as extracted). Leakage is a key weakness: the monitoring report states leakage is deemed negligible, but the validation report indicates leakage was not addressed, and no leakage deduction percentage is provided. No reversal events are reported, but a buffer pool contribution is not found in the extracted record (monitoring report).

Transparency — 6.2 / 10

- + The monitoring period and crediting period are clearly stated, and a named VVB is provided (monitoring report).
- Verified and claimed ER totals are not found in the extracted record, weakening MRV transparency (monitoring/issuance records as extracted).

The monitoring report clearly states the monitoring period (2018-04-17 to 2021-09-13) and the crediting period (2018-04-17 to 2028-04-16), and identifies the VVB as Ruby Canyon Environmental Inc. However, the extracted record does not include total emission reductions claimed or verified, preventing cross-checks between monitoring, verification, and issuance. The usage monitoring approach is not found in the extracted record, limiting insight into how activity data were tracked (monitoring report as extracted).

Claim Safety — 4.4 / 10

- The project is marked CORSIA-eligible, increasing the risk of strong claims being made without robust supporting public data (registry/eligibility record as extracted).
- ~ Leakage is asserted as negligible in monitoring, but contradicted by validation, creating uncertainty about over-crediting risk (monitoring report vs validation report).

CORSIA eligibility is indicated, which can elevate greenwashing and reputational risk if buyers treat credits as high-integrity without independently confirming conservative quantification and public transparency. Over-crediting risk cannot be well bounded because the extracted record lacks both claimed and verified ER totals and does not state any leakage deduction. The contradiction on leakage (negligible vs not addressed) further increases uncertainty about whether all relevant emissions sources were conservatively handled (monitoring report vs validation report).

Documentation — 7.1 / 10

- + Multiple document types are available (PDD, monitoring report, validation report, issuance) and extraction confidence is high.
- Numerous corrective action and clarification requests indicate documentation/QA gaps during assurance (monitoring report).

The evidence set includes a PDD, monitoring report, validation report, and issuance record, and the extraction confidence is high, supporting a moderately strong documentation score. At the same time, the monitoring report notes multiple corrective action requests, non-material findings, additional document requests, and clarification requests, suggesting the assurance process identified notable documentation gaps that required follow-up. Some key quantitative fields (e.g., ER totals, leakage deduction, buffer pool) are not found in the extracted record, reducing completeness for independent assessment.

Risk Indicators

● Additionality	VVB-confirmed common-practice test
● Permanence	No reversals reported; buffer contribution not evidenced
● Leakage	Leakage disputed and no deduction stated
● Baseline	Project-specific baseline; reassessment timing not evidenced
● Safeguards	FPIC and grievance mechanism documented
● Double-claim	CORSIA-eligible; CCP status not stated

What Would Improve This Score

→ Publish and/or extract the verified and claimed ER totals for the monitoring period and reconcile them to issuance, including any uncertainty deductions.

→ Resolve the leakage inconsistency by providing a validated leakage assessment and stating an explicit leakage deduction (even if 0%) with justification.

→ Disclose whether any buffer or risk management mechanism applies (or explicitly justify why none is required for this project type).

Documents Reviewed

- Registration and Issuance Review Report
- Issuance Representation
- Monitoring Report
- Communications Agreement
- Registration Representation
- Project Description
- Draft Project Description
- Validation Report
- Verification Report
- Validation Representation
- Verification Representation

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CarbonMeld does not have access to non-public project information, internal project documentation, or confidential communications with project developers. The analysis pipeline may not have retrieved all publicly available documents for this project.

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