

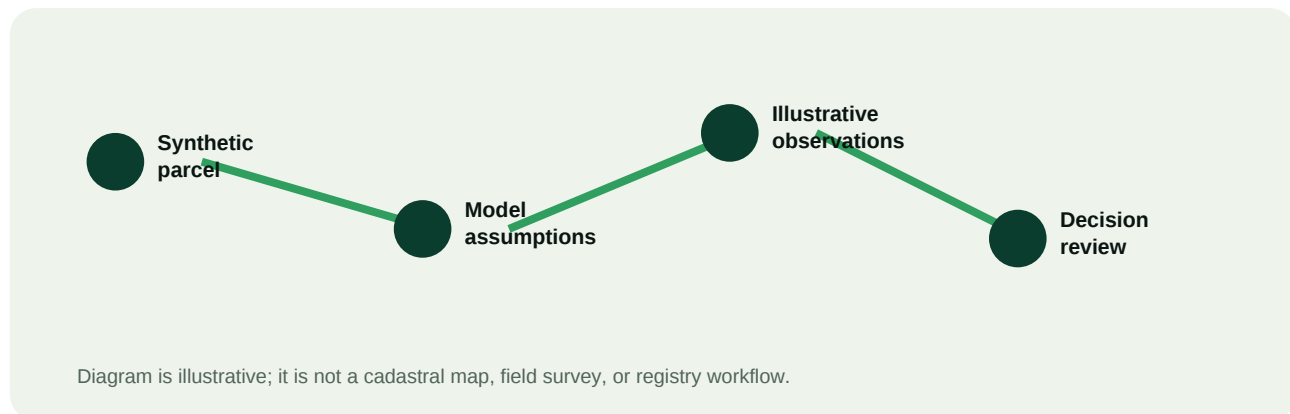
Illustrative Controlled-Beta Parcel Decision Report

Synthetic parcel VC-DEMO-001 · Northern Rockies example · Prepared 2026-07-27

Evidence class	Decision use	External status
Synthetic / illustrative	Workflow evaluation only	Not submitted or accepted

Decision question

Could an illustrative 640-acre mixed working-land parcel be a reasonable candidate for deeper habitat-connectivity and carbon-project feasibility review?



Executive answer

Proceed only to a scoped evidence-gathering and partner-review phase. The synthetic screening suggests potentially useful connectivity and restoration opportunities, but parcel identity, ownership authority, field condition, additionality, leakage, permanence, legal structure, registry method, economics, and buyer demand are unresolved.

- **Recommended:** verify the boundary and decision owner; inventory field and historical evidence; compare two intervention scenarios.
- **Do not infer:** a credit quantity, registry eligibility, conservation easement, appraisal, payment, or guaranteed outcome.
- **Stop condition:** contradictory title/boundary evidence, unauthorized data, or no decision-relevant difference between scenarios.

1. Scope, identity, and evidence inventory

All values on this page are synthetic fixtures created to demonstrate report structure.

Synthetic parcel description

Field	Illustrative value	Status
Parcel ID	VC-DEMO-001	Synthetic
Area	640 acres	Assumed; not surveyed
Land system	Working forest + riparian meadow	Illustrative classification
Jurisdiction	Northern Rockies example	No legal jurisdiction assigned
Decision horizon	10 years	Partner choice required

Evidence ledger

Source	Class	What it could support	What it cannot prove
Synthetic boundary	Demo fixture	Workflow and geometry tests	Title, survey, or real parcel identity
Illustrative land cover	Demo fixture	Scenario structure	Current field condition
Illustrative canopy signal	Demo fixture	Example uncertainty handling	Biomass or causation
Partner field record	Missing	Management and condition claims	Unavailable until authorized review

Identity gate

A real engagement must stop before analytical claims if the parcel boundary, decision authority, or data-sharing authority cannot be confirmed. Automated cadastral matching is provisional until reviewed by the partner and, where required, a qualified survey or title source.

2. Illustrative ecological and connectivity screen

SYNTHETIC RESULTS — useful for demonstrating reasoning, not for characterizing real land.

Illustrative condition band	Illustrative connectivity band	Confidence
0.58–0.72	Moderate–high	Low

Interpretation

The fictional boundary is configured to connect two fictional habitat patches across a managed matrix. Under the demonstration weights, riparian continuity and a narrow forest neck contribute more to connectivity than adding equal acreage in an already compact interior patch.

Scenario comparison

Scenario	Illustrative action	Potential decision signal	Principal uncertainty
A · Baseline	Maintain current pattern	Reference only	No real current-condition data
B · Riparian link	Restore a 30 m corridor	Higher modeled connectivity	Feasibility and field condition
C · Interior block	Add equal area to core	Higher patch area; smaller link gain	Weights and actual species response

Required next evidence

- Partner-confirmed boundary and target ecological function.
- Field observations appropriate to the claimed habitat and management condition.
- Current and historical imagery with dates, cloud/quality limits, and alternative explanations.
- Sensitivity analysis using partner-approved ecological weights and thresholds.

3. Illustrative carbon-accounting boundary

NO CREDIT QUANTITY IS ESTABLISHED. All numbers below are synthetic teaching fixtures.

Demonstration range

Stage	Illustrative tCO ₂ e	Meaning
Modeled stored stock	54,000–92,000	Synthetic stock range; not a baseline or credit
Illustrative gross change	480–1,100 / year	Hypothetical change under assumptions
After demo leakage + buffer	310–770 / year	Arithmetic example only
Creditable / issued / sold	0	No program, validation, verification, issuance, or sale

Accounting controls

- Define stock, flow, baseline, project, leakage, buffer, removal, and time boundaries before calculation.
- Do not count removed biomass as both remaining stock and a separate product pool.
- Treat additionality, leakage, and permanence as evidence-backed project claims, not software defaults.
- Use the current named registry method and independent validation/verification requirements if a real project proceeds.

Illustrative economics

No price, gross project value, owner share, invoice, payout, or revenue is calculated in this report. Even a registry-eligible quantity would not become money without issuance, a sale, settlement, contracts, fees, and allocation terms.

4. Assurance ladder, findings, and decision record

Assurance types are deliberately separate.

Assurance	Status in this sample	What that status establishes
Mathematical consistency	Demonstrated structurally	Example calculations can be checked against stated inputs
Software verification	Release harness only	Tested behavior for the version; not field truth
Satellite observation	Not performed	No real observation claim
Field validation	Not performed	No real condition claim
Registry acceptance	Not sought	No eligibility, issuance, serial, or unit

Illustrative findings

- **F-01 · Candidate connectivity question:** a riparian-link scenario warrants partner review. Confidence: low.
- **F-02 · Evidence gap:** no authorized parcel, field, historical-management, or title evidence exists. Confidence: certain for this synthetic sample.
- **F-03 · Carbon boundary unresolved:** no named method, baseline, additionality case, leakage assessment, or permanence instrument exists.

Decision record

Decision	Owner	Acceptance evidence	Status
Proceed to evidence inventory	Design partner	Authority + source list confirmed	Proposed
Select ecological scenario	Design partner	Decision-relevant comparison reviewed	Not started
Consider external project route	Partner + qualified advisers	Legal, field, and program gates	HOLD

5. Limitations, reproducibility, and next step

This entire document is synthetic and illustrative.

Material limitations

- No real parcel, owner, organization, cadastral record, sensor observation, field visit, contract, registry project, environmental unit, buyer, payment, or revenue is represented.
- Scores and ranges depend on illustrative inputs, weights, classifications, and assumptions selected to demonstrate a report format.
- Remote sensing can be incomplete, stale, obstructed, misclassified, or unable to establish cause; human and field review remain necessary.
- Legal rights, title, additionality, leakage, permanence, safeguards, community impacts, and registry eligibility are external determinations.

Reproducibility manifest

Item	Value
Report version	illustrative-beta-report@0.1
Methodology	Viridis Conservation Methodology v0.1 Beta
Generated	2026-07-27
Input class	Synthetic fixtures only
Parcel fixture	VC-DEMO-001
External calls	None
Registry status	Not submitted; not accepted; no serials
Economic status	No issued credits; no payouts; no recognized revenue

How a real design-partner pilot begins

A conservation organization brings one real decision. Viridis and the partner confirm fit, authority, data handling, scope, fee, objective acceptance criteria, and stop conditions in signed documents before work or sensitive-data transfer. Request a controlled-beta call at viridisconservation.com/request-access?source=organization-beta.