



CLIMATE
ACTION
RESERVE

Forest Protocol Version 5.0 ERRATA AND CLARIFICATIONS

The Climate Action Reserve (Reserve) published its Forest Protocol Version 5.0 (FP V5.0) in October 2019. While the Reserve intends for the FP V5.0 to be a complete, transparent document, it recognizes that correction of errors and clarifications will be necessary as the protocol is implemented and issues are identified. This document is an official record of all errata and clarifications applicable to the FP V5.0.¹

Per the Reserve Offset Program Manual, both errata and clarifications are considered effective on the date they are first posted on the Reserve website. The effective date of each erratum or clarification is clearly designated below. All listed and registered forest projects must incorporate and adhere to these errata and clarifications when they undergo verification. The Reserve will incorporate both errata and clarifications into future versions of the protocol.

All project developers and verification bodies must refer to this document to ensure that the most current guidance is adhered to in project design and verification. Verification bodies shall refer to this document immediately prior to uploading any Verification Statement to assure all issues are properly addressed and incorporated into verification activities.

If you have any questions about the updates or clarifications in this document, please contact the Reserve team at policy@climateactionreserve.org or (213) 891-1444 x3.

¹ See Section 4.3.4 of the Reserve Offset Program Manual for an explanation of the Reserve's policies on protocol errata and clarifications. "Errata" are issued to correct typographical errors. "Clarifications" are issued to ensure consistent interpretation and application of the protocol. For document management and program implementation purposes, both errata and clarifications are contained in this single document.

Please ensure that you are using the latest version of this document

Errata and Clarifications (arranged by protocol section)

Section 9

1. Sequential Sampling Requirements for Soil Carbon (ERRATUM – April 9, 2021) 3

Section 9

1. Sequential Sampling Requirements for Soil Carbon (ERRATUM – April 9, 2021)

Section: 9.3.5.6 (Verification Within a Stratum)

Context: Section 9.3.5.6 described the process for sequential sampling, including the minimum number of passing plots required for successful verification. The first paragraph of Section 9.3.5.6 currently states: “A paired test can be applied when plot locations can be found and it is statistically appropriate to use a paired test (i.e., plot measurements can be replicated). An unpaired test can be applied when plots cannot be relocated. The range of acceptable error (δ , delta) is fixed at ten percent for both tests.”

These standards were crafted with tree biomass in mind. However, we also intend for soil carbon to be verified using sequential sampling for avoided conversion projects that include SSR AC-6. Since verifying a soil carbon inventory is a different exercise than verifying a forest inventory, different sequential sampling standards are more appropriate.

Correction: The first paragraph of Section 9.3.5.6 shall now read as follows (new text is bolded for clarity):

“A paired test can be applied when plot locations can be found and it is statistically appropriate to use a paired test (i.e., plot measurements can be replicated). An unpaired test can be applied when plots cannot be relocated. **An unpaired test shall also be applied for soil resampling since, due to the nature of soil sampling, it is not possible to replicate the exact measurement taken by the Project Operator.** The range of acceptable error (δ , delta) is fixed at ten percent for both **paired and unpaired** tests for **tree biomass. Delta is fixed at twenty percent for verification of soil samples.**”