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Soil Enrichment Protocol Summary of Changes from Version 1.0 to Version 1.1

May 31, 2022

The Soil Enrichment Protocol Version 1.1 incorporates the following changes from Version 1.0.

Section 2. The GHG Reduction Project

- Additional guidance was added to clarify that woody perennials (such as fence rows) may be removed as long as the removed carbon stocks are immaterial. (Section 2.2.1)
- Additional guidance given with respect to how to effectively identify and treat Highly Erodible Lands, wetlands and tile drainage. (Section 2.2.2)
- Additional guidance given to specify when the crediting period begins in respect to the project. (Section 2.2.3.1)
- Additional guidance given with respect to allocation of permanence monitoring responsibilities when fields transfer between projects. (Section 2.2.3.2)

Section 3. Eligibility Rules

- Revised the project submittal requirement to be within 12 months of the project's start date. (Section 3.2)
- Clarified New fields may be added to an existing project if submitted within 12 months after the field start date. (Section 3.2)
- Updated project eligibility for pre-existing projects to include projects with a start date defined by a cultivation cycle that begins in 2018 and does not end prior to September 30, 2018. (Section 3.2)

Section 5. Quantifying GHG Emission Reductions

- Additional guidance given on how to aggregate quantification between the different project levels (field, stratum and project). (Section 5)
- Additional guidance given on how to prorate emission reductions when the end of reporting periods does not align with calendar years. (Box 5.1)
- Updated the uncertainty deduction calculation approach to use a 70% probability of exceedance. (Section 5.2)
- Additional guidance given on how to round the net change of carbon stocks to determine the CRT buffer pool contribution. (Section 5.3.1)
- Clarified the text describing how to quantify emission reductions associated with the use of fire to manage crop residues. (Section 5.4.1)

Section 6. Project Monitoring

- The project monitoring plan is now a public document, but field location data can be redacted. (Section 6)
- Additional requirement added for projects to develop and seek Reserve approval for a comprehensive quality assurance / quality control methodology with respect to how the project compiles project data. Additional guidance provided for appropriate data sources, and for dealing with missing data. (Section 6.1)
- Flexibility was added to allow the use of alternative values to the parameters in the Parameters Spreadsheet dependent on Reserve's prior approval. (Section 6.7)

Section 8. Verification Guidance

- Corrections were made to clarify that site visit sampling is made at the field manager-level. (Section 8.4.1)
- Additional guidance to clarify that verifiers may use their discretion to determine the number of fields they will visit by selected field manager (Section 8.4.1)
- Additional verification items were added to reflect new guidance in Section 2. (Table 8.1)

Appendix D. Quantifying Uncertainty

- Addition of a second option to quantify uncertainty using a Monte Carlo Method for Error Propagation. (Section D.2)