****

**BCarbon Forest Carbon Application Checklist**

|  |  |  |
| --- | --- | --- |
| Name | Description | Format |
| Map 1 | Map of total property area | pdf + Esri shapefile |
| Map 2 | Map of excluded property area | pdf + Esri shapefile |
| Map 3 | Map of project area eligible for carbon crediting | pdf + Esri shapefile |
| Map 4 | Map of tree species | pdf + Esri shapefile |
| Map 5 | Map of age class | pdf + Esri shapefile |
| Map 6 | Map of stocking levels | pdf + Esri shapefile |
| Map 7 | Map of current forest management practices | pdf + Esri shapefile |
| Map 8a-z | Map of other data layers used in stratification | pdf + Esri shapefile |
| Map 9 | Map of proposed project strata | pdf + Esri shapefile |
| Map 10 | Map of proposed permanent plot locations | pdf + Esri shapefile |
| Spreadsheet 1 | Spreadsheet with proposed measurement plan of the stratification process | Excel spreadsheet |
| Spreadsheet 2 | Spreadsheet with forest management practice data | Excel spreadsheet |
| Spreadsheet 3 | Spreadsheet with initial forest carbon data (if applicable) | Excel spreadsheet |
| Spreadsheet 4 | Spreadsheet with FVS model results | Excel spreadsheet |

1. General Information

**Project developer:** Name, address, phone number, email, and website (if available).

**Same as forest owner?** Y/N

**Forest owner(s):** If no – forest owner name, address, phone number, and email.

**Project name(s):**

**Project location(s):** Address and latitude/longitude

**BCarbon Forest Carbon Protocol Version:** i.e. October 2022

**Main point of contact with BCarbon for project:** Name, email, and phone number.

1. Project Period

**Application date:** MM/DD/YYYY

**Anticipated initial measurement date:** MM/DD/YYYY

1. Project Information

**Will interim credits be applied for?** Y/N

**Is the project located on private land?** Y/N

**Is any portion of the project located on public or leased land?** Y/N

1. Site Stratification Information

**Total property area (acres):**

**Project area eligible for carbon crediting (acres):**

**Map of total property area (pdf + Esri shapefile):** Map 1

**Map of excluded property area (pdf + Esri shapefile):** Map 2

**Map of project area eligible for carbon crediting (pdf + Esri shapefile):** Map 3

**Provide tree species map, with source information, used to stratify the project area (pdf + Esri shapefile):** Map 4

**Provide age class map, with source information, used to stratify the project area (pdf + Esri shapefile):** Map 5

**Provide map of stocking levels, with source information, used to stratify the project area (pdf + Esri shapefile):** Map 6

**Provide map of current forest management practices, with source information, used to stratify the project area (pdf + Esri shapefile):** Map 7

**Did you use other data layers to stratify the project area?** Y/N

* **If yes, list the other data layers used:**
* **Attach maps of the other data layers used and sources (pdf + Esri shapefile):** Maps 8a, 8b, 8c, etc.
* **What method was used to stratify the property?** 
  + Report the stratification method used and explain how it was done.

**Provide map of proposed project strata (pdf + Esri shapefile):** Map 10

**Provide spreadsheet with the proposed measurement plan of the stratification process (Excel spreadsheet):** Spreadsheet 1

1. Inventory Information

**Provide historical forest carbon measurement results if available (Excel spreadsheet):**  Spreadsheet 2

**Proposed forest carbon measurement service provider:** Name, address, website

**For each permanent plot, provide relevant biometric parameters, including:** Diameter at breast height, tree height, etc.

**What statistical method was/will be used to determine the necessary number of permanent plots in each stratum?** (From Section B3.1.2 of protocol or Other)

* If Other, report the statistical method used and explain how it is of equivalent statistical rigor to the one listed in the protocol:

**For each permanent plot, collect all required measurements listed in section B.3.2 of the protocol to be input into the USDA Forest Vegetation Simulator (FVS)**

* Instructions for using the USDA FVS are provided in section B.3.3 of the protocol

**Provide map of proposed permanent plot locations in each stratum (pdf + Esri shapefile):** Map 11

**Do you have copies of field notes and/or landowner survey data? Y/N**

* If yes, we may ask for copies of this data.

**OPTIONAL: Provide 5 different representative photographs of each proposed strata taken at the same time of year (pdf):**

1. Statistical Analysis Information

**Did you perform the equations found in Standard Procedure D of the protocol to quantify the change in forest carbon content?** Y/N

* **If yes, provide the outcome of each equation below:** 
  + *Eqn D.1 (mean carbon content):*
  + *Eqn D.2 (initial carbon content):*
  + *Eqn D.3 (final carbon content):*
  + *Eqn D.4 (net change in carbon content):*
  + *Eqn D.6 (net carbon content accrued in stratum):*
  + *Eqn D.7 (net carbon content accrued in project area):*
* **If no, report the alternative method used and explain how it is of equivalent analytical rigor to those listed in the protocol:**

1. Interim Crediting Documentation

**Did you perform the FVS growth yield modeling suggested in Standard Procedure C of the protocol to quantify the change in forest carbon content?** Y/N

* **If yes, provide the results of this modeling:** Spreadsheet 4
* **If no, report the alternative modeling used and explain how it is of equivalent analytical rigor to the process laid out in the protocol:**

1. Applicant Attestation and Landowner Agreement

**\*\*\* Applicant will provide executed landowner agreements per the BCarbon certifier agreement. Applicant hereby certifies that, to the best of Applicant’s knowledge, the provided information attached above and throughout this application is true and accurate. Applicant understands that all information provided is subject to verification by BCarbon Inc., and acknowledges that submission of the application does not constitute approval by BCarbon Inc.\*\*\***

**Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_**