

**Project Implementation Report**

**Mature Forest Management Projects**

***Instructions:*** *The Project Implementation Report is a required document for project registration. This document must be submitted as part of the project confirmation. This template is only intended as a guide and provides the minimum required information to be reported. This template is designed for use with mature forest management projects under version 1.0 of the Mature Forest Management Forecast Methodology. The forest owner has the option to include additional information at their discretion. The MFM Calculation Worksheet must be submitted with this report.*

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| --- | --- |
| **Project Proponent Name (as it appears in the Climate Forward software):** | Click or tap here to enter text. |
| **Climate Forward Project ID:** | Click or tap here to enter text. |
| **Project Name (as it appears in the Climate Forward software):** | Click or tap here to enter text. |
| **Report Completed By (name, organization):** | Click or tap here to enter text. |
| **Version Number of Report:** | Click or tap here to enter text. |
| **Date of Completion of Report (MM/DD/YYYY):** | Click or tap here to enter text. |
| **Forecast Methodology:** | Mature Forest Management Forecast Methodology v1.0 |
| **Crediting Period Start and End Dates (MM/DD/YYYY – MM/DD/YYYY):** | Click or tap here to enter text. |
| **Total Amount of Forecasted GHG Emission Reductions Covered in this Implementation Report:** | Click or tap here to enter text. |

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# Introduction

[**OPTIONAL**: Provide a general introduction for the project.]

# Project Eligibility

## Project Definition (Section 2.1)

[**REQUIRED**: Provide information about how the project meets the project definition and all requirements set forth in Section 2.1. Indicate the eligible land trust the conservation easement has been granted to and the county/counties it has been recorded with. Describe how sustainable long-term harvesting practices within the project area will be based on the constraints outlined in the conservation easement and how the terms of the conservation easement conform with the requirements outlined in Section 2.1 and Appendix A.]

## Forest Owners and Project Proponents (Section 2.2)

[**REQUIRED**: Identify the forest owners who have legal control over the forest carbon on the project area, as described in Section 2.2. Provide documentation supporting forest ownership claims. Indicate the forest owner that is the project proponent.]

## Project Location (Section 3.1) and Project Area (Section 4)

[**REQUIRED**: Describe the project location and the project’s boundaries. Provide maps that detail public and private roads, towns, major watercourses, topography, townships, ranges, and sections or latitude and longitude. Further, describe the existing land cover and land use, forest vegetation types, site classes, and land pressures and climate zone/classification (maps optional). The project location must satisfy the requirements of Section 3.1. The project area must be defined according to the requirements of Section 4. A copy of the KML file delineating the project area must be provided. Additionally, include a description of how the project area was determined relative to HUC 14 hydrological unit boundaries or the forest owner’s entire ownership.]

## Project Start Date and Crediting Period (Section 3.2)

[**REQUIRED**: Provide the project start date, based on the date of recordation of the conservation easement, per Section 3.2. Please provide supporting documentation as evidence of a project start date as the date of recordation of the conservation easement. Indicate the crediting period as the 100-year period subsequent to the project start date.]

## Additionality – Performance Standard Test (Section 3.3.1)

[**REQUIRED**: MFM projects automatically satisfy the performance standard test insofar as they produce GHG removals/reductions in excess of those under the baseline scenario. Project proponents may reflect this statement in the Project Implementation Report (PIR), with reference to modeling outcomes reported under sections 4-5 below.]

## Additionality – Legal Requirement Test (Section 3.3.2)

[**REQUIRED**: Indicate that the MFM project is not legally required and was not legally required at the time of the project’s start date. See Section 3.3.2.]

## Environmental and Social Safeguards (Section 3.4)

[**REQUIRED**: Describe how the project satisfies the species composition requirements outlined in Section 3.4. Variances may be granted for the species composition requirements at the Reserve’s discretion.]

[**OPTIONAL**: Describe any non-GHG benefits of the project activities to the environment or society. This may include discussion of how the project aligns with the United Nations’ Sustainable Development Goals, as well as additional quantification of any non-GHG benefits (such quantification is not specified by the MFM methodology).]

## Regulatory Compliance (Section 3.5)

[**REQUIRED**: In addition to submitting a signed Attestation of Regulatory Compliance, describe how the implementation of the project on the project area is compliant with all applicable laws relevant to the project activity at the time of the project start date (or known to be coming into effect if after the project start date). Also, describe how appropriate measures have been implemented to avoid potential future noncompliance during the crediting period, including potential noncompliance with the conservation easement.]

## Ownership and Double Counting (Section 3.6)

[**OPTIONAL**: Although an Attestation of Title must be submitted for confirmation, describe steps taken to ensure ownership was properly established and documented, and that no double counting of emission reductions has or will occur.]

## Demonstration of *Ex Ante* Suitability (Section 3.9)

[**REQUIRED**: Describe how funds have been provided to the eligible land trust holding the conservation easement to ensure the long-term monitoring of compliance with the conservation easement. Supporting documentation may be provided confidentially to the confirmation body. Additionally, provide a description of the legal authority granted to the eligible land trust to monitor management of the project area for compliance with the terms of the conservation easement and enforce the remedies outlined in the conservation easement should a violation occur.]

# Inventory Methodology (Section 5 and Quantification Guidance)

## GHG Assessment Boundary (Section 5)

[**REQUIRED**: List the sources, sinks, and reservoirs (SSRs) that are included in the project, according to the requirements listed in Table 5.1.]

## Inventory Design and Sampling Process

[**REQUIRED**: Describe the inventory design, detailing the year of the inventory, the number of sample plots, dimensions and distribution of the plots, the sampling process, and any stratification either pre- or post-data collection. If the project is using the Standardized Inventory Methodology, please indicate that and describe whether any modifications were made. A map delineating the different forest stratum is required.]

## Field Measurement and Plot Monumenting

[**REQUIRED**: Describe the selection process for inventory point locations and the tools used to monument plots. Include descriptions of the field procedure including sampling method, sampling intensity, and measurement methodologies.]

## Data Management System

[**REQUIRED**: Describe the organization of data for the project, including the software and tools used to manage and store data, as well as any quality control methods in place.]

## Quantification Methodology

[**REQUIRED**: Describe the methodology for translating the sampling and inventory process into a figure for metric tons CO2e per acre, including conversion factors and units.]

# Baseline Carbon Stocks (Section 6.1)

## Inventory of Initial Onsite Carbon Stocks (6.1.1)

[**REQUIRED**: Describe the results of the quantification of the project area’s forest carbon inventory, including estimates for all onsite SSRs being reported.]

## Legal Constraints (6.1.2.1)

[**REQUIRED**: Describe the legal constraints that could affect baseline growth and harvesting scenarios. For details on what constitutes a legal constraint, please reference Section 6.1.2.1.]

## Financial Constraints (6.1.2.2)

[**REQUIRED**: Provide the financial analysis of the anticipated growth and harvesting regime demonstrating financial feasibility. For details on what the analysis must entail, see Section 6.1.2.2.]

## Estimate Baseline Onsite Carbon Stocks

[**REQUIRED**: Describe the processes and results from following the steps and requirements as described in Sections 6.1.2 through 6.1.6. Include a description of the assessment areas comprising the project area and the common practice value applicable to the project. Based on the results of determining whether initial carbon stocks are above or below common practice (calculation of the “minimum baseline level” or “MBL”), describe the process and the result of the analysis for determining the baseline carbon stocks over 100 years. Provide any relevant data and a chart displaying the tonnes of CO2e present in the baseline. Include an explicit figure for the project’s baseline according to the project’s modeling plan. Attach the modeling plan as an appendix to the PIR, including a description of how modeling addresses the items mentioned in Section 6.5.1.]

## Estimating Baseline Carbon in Harvested Wood Products (6.2.3)

[**REQUIRED**: Describe the process and results of determining the amount of carbon in harvested wood products according to the requirements as described in Sections 6.1.3 through 6.1.6. Provide the final figures as well.]

# Forecasted Project Carbon Stocks

## Forecasted Project Onsite Carbon Stocks (6.2.1)

[**REQUIRED**: Describe the processes and results from following the steps and requirements as described in Section 6.2.1. Include a discussion about how the harvest constraints outlined in the conservation easement were modeled (may simply refer to the modeling plan to be included as an appendix to the PIR). Provide any relevant data and a chart displaying the tonnes of CO2e present in the forecasted project—data and chart may be combined with those displaying baseline data. Also, include a section describing how the confidence deduction for statistical uncertainty was derived and show that it was applied appropriately to the forest inventory.]

## Forecasted Project Carbon in Harvested Wood Products (6.2.2)

[**REQUIRED**: Describe the process (and the result) used to determine the amount of carbon in standing live carbon stocks harvested under the forecasted project scenario throughout the crediting period. Further, determine the amount of harvested carbon forecasted to remain in wood products averaged over 100 years, in accordance with the requirements described in Appendix A and as calculated using the MFM Calculation Worksheet.]

## Quantifying Secondary Effects (6.6)

[**REQUIRED**: Emissions from secondary effects are calculated in the context of forecasted and baseline harvesting projected to occur over the entire crediting period. In this context, secondary effects occur when the amount of carbon forecasted to actually be harvested in the project area is less than the amount harvested under the baseline, resulting in an increase in harvesting outside of the project area. No negative secondary effects are attributed to the project when the forecasted harvest amount exceeds the baseline of the crediting period. Describe the calculation of Equation 6.5, which quantifies the impact of secondary effects, and provide the results, as calculated in the MFM Calculation Worksheet.]

# Calculation of GHG Reductions and Removals

[**REQUIRED**: According to Equation 6.1, and based on the information provided in sections 4-5 of the PIR, describe the methodology as well as the final result for determining the GHG reductions and removals. Provide the MFM Calculation Worksheet with all project data input.]