



**DNREC – Air Quality Management Section
CO₂ Budget Trading Program
M & V Report Form - Afforestation**

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COVERSHEET

Each of the following sections must be completed. Check the boxes below to indicate that the submitted *Consistency Application* includes each of the required sections:

PART 1. Preliminary Information Sections

- Section 1.1 – General Information
- Section 1.2 – Project Sponsor Attestations
- Section 1.3 – Project Sponsor Agreement
- Section 1.4 – Disclosure of Greenhouse Gas Emissions Data Reporting

PART 2. Category-Specific Information and Documentation Sections

- Section 2.1 – Demonstration of Conformance with M&V Plan
- Section 2.2 – Determination of Reporting Period Sequestration

PART 3. Independent Verification Section

- Section 3.1 – General Information
- Section 3.2 – Certification Statement and Report



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Section 1.1 – General Information

Project Sponsor (RGGI COATS Authorized Account Representative)			
Telephone Number	Fax Number	Email Address	
Street Address			
City	State/Province	Postal Code	Country

RGGI COATS General Account Name
RGGI COATS General Account Number

Offset Project ID Code	Application Date		
Brief Description of Offset Project			
Project City	Project County	Project State	Project Commencement Date

Project Sponsor Organization			
Primary Street Address			
City	State/Province	Postal Code	Country
Brief Description of Project Sponsor Organization			
Telephone Number		Website URL	



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Section 1.2 – Project Sponsor Attestations

The undersigned Project Sponsor certifies the truth of the following statements:

1. All offset projects for which the Project Sponsor or project sponsor organization has received CO₂ offset allowances, under the Project Sponsor's or project sponsor organization's ownership or control (or under the ownership or control of any entity which controls, is controlled by, or has common control with the Project Sponsor or project sponsor organization) are in compliance with all applicable requirements of the CO₂ Budget Trading Program in all participating states.
2. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this *M&V Report* and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Project Sponsor Signature

Printed Name

Title

Organization

Date

Notary



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Section 1.3 – Project Sponsor Agreement

The undersigned Project Sponsor hereby confirms and attests that the offset project upon which this Monitoring and Verification Report is based is in full compliance with all of the requirements of 7 DE Reg. 1147. The Project Sponsor holds the legal rights to the offset project, or has been granted the right to act on behalf of a party that holds the legal rights to the offset project. The Project Sponsor understands that eligibility for the award of CO₂ offset allowances under 7 DE Reg. 1147 is contingent on meeting the requirements of 7 DE Reg. 1147. The Project Sponsor authorizes the Department or its agent to audit this offset project for purposes of verifying that the offset project, including the Monitoring and Verification Plan, has been implemented as described in the *Consistency Application* that was the subject of a consistency determination by the Department. The Project Sponsor understands that this right to audit shall include the right to enter the physical location of the offset project and to make available to the Department or its agent any and all documentation relating to the offset project at the Department's request. The Project Sponsor submits to the legal jurisdiction of Delaware.

Project Sponsor Signature

Printed Name

Title

Organization

Date

Notary



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Section 1.4 – Disclosure of Greenhouse Gas Emissions Data Reporting

Check the box below that applies:

- No greenhouse gas emissions data related to the offset project referenced in this *Consistency Application* have been or will be reported to a voluntary or mandatory program other than the CO₂ Budget Trading Program.
- Greenhouse gas emissions data related to the offset project referenced in this *Consistency Application* have been or will be reported to a voluntary or mandatory program other than the CO₂ Budget Trading Program. Information for all such programs to which greenhouse gas emissions data have been or will be reported is provided below.

Name of Program to which GHG Emissions Data Reported

Check all that apply:

- Reporting is currently ongoing
- Reporting was conducted in the past
- Reporting will be conducted in the future
- Reporting is mandatory
- Reporting is voluntary

Enter Frequency of Reporting

Enter Reporting Start Date

Program Contact Information – Address

Program Website

Categories of Emissions Data Reported

Name of Program to which GHG Emissions Data Reported

Check all that apply:

- Reporting is currently ongoing
- Reporting was conducted in the past
- Reporting will be conducted in the future
- Reporting is mandatory
- Reporting is voluntary

Enter Frequency of Reporting

Enter Reporting Start Date

Program Contact Information – Address

Program Website

Categories of Emissions Data Reported

Add extra pages as needed.



Section 2.1 – Demonstration of Conformance with M&V Plan

Provide documentation that procedures and protocols specified in the M&V Plan were performed and records specified in the M&V Plan were generated and retained.

Check the boxes below to indicate that the following required documentation is provided as an attachment to Section 2.1:

<input type="checkbox"/>	1. <u>Identification of Sub-populations</u> . Map to scale identifying how the area within the offset project boundary is divided into sub-populations for determining project carbon sequestration.
<input type="checkbox"/>	2. <u>Identification of Sampling Plots</u> . List of number, sizes, and locations of all sampling plots used for calculating carbon sequestration during the reporting period for each sub-population, including recent photos and distinct sampling plot identifiers.
<input type="checkbox"/>	3. <u>Documentation of Direct Measurement Procedures Conducted for Each Carbon Pool in Each Sampling Plot</u> . List for each carbon pool of all measurement procedures used to calculate carbon sequestered and cross reference of all procedures with those specified in the M&V Plan.
<input type="checkbox"/>	4. <u>Assessment of Forest Management Practices if Commercial Timber Harvest Activities Have Occurred or Will Occur</u> . If applicable, the assessment or certification issued by American Tree Farm System (ATFS), Forest Stewardship Council (FSC), Sustainable Forestry Institute (SFI), or such other similar organizations as approved by the Department ensuring that the land within the offset project boundary is being managed in accordance with environmentally sustainable forestry practices.
<input type="checkbox"/>	5. <u>Documentation of Quality Assurance Procedures Conducted</u> . Documentation of quality assurance procedures conducted during the reporting period to ensure accuracy in data collection, data analysis, and data storage, and cross reference of all procedures with those specified in the M&V Plan.



Section 2.2 – Determination of Reporting Period Sequestration

Provide documentation of the carbon sequestered during the reporting period where indicated in Form 2.2 or as an attachment to Section 2.2, as directed below. Multiple attachments may be integrated into a single document as long as each element is clearly identified, as specified below. For submission of the electronic version of the M&V Report, spreadsheets must be provided as a distinct electronic file or files (distinct spreadsheets may be incorporated into a single spreadsheet file, as appropriate, as long as each element is clearly identified, as specified below).

A. Reporting Period Data

1. <u>Reporting Period.</u>	
<input type="text"/>	Enter the dates of the reporting period (start/end)
<input type="text"/>	Enter dates when measurements were taken (may include a range)
2. <u>Net Carbon Sequestered.</u> Enter results of net carbon sequestration calculations:	
<input type="text"/>	Reporting period carbon stock in short tons of CO ₂ -e
<input type="text"/>	Baseline period or previous reporting period carbon stock in short tons of CO ₂ -e
<input type="text"/>	Net carbon sequestration during reporting period in short tons of CO ₂ -e
<input type="text"/>	Potential future carbon losses discount (enter NA if long-term insurance retained; enter 0.9 if no long-term insurance retained)
<input type="text"/>	Loss-adjusted net carbon sequestration during reporting period in short tons of CO ₂ -e (net carbon sequestration multiplied by potential future losses discount factor, if applicable)
3. <u>Reporting Period Carbon Pools.</u> Enter reporting period carbon content in short tons of CO ₂ -e for the included carbon pools:	
<input type="text"/>	Live above-ground tree biomass (required)
<input type="text"/>	Live below-ground tree biomass (required)
<input type="text"/>	Soil carbon (required)
<input type="text"/>	Dead organic matter and coarse woody debris (required, unless the baseline measurement for this carbon pool is at or near zero, in which case measurement of this carbon pool is optional)
<input type="text"/>	Live above-ground non-tree biomass (optional)
<input type="text"/>	Dead organic matter, forest floor (optional)
<input type="text"/>	Total of above



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B. Reporting Period Documentation

Check the boxes below to indicate that the following required documentation is attached:

- 4. Reporting Period Description. Map to scale providing a description of practices/management and land cover currently in place within the offset project boundary.
- 5. Field Measurement Data. Spreadsheet containing field measurement data collected from each sampling plot for determining biomass and carbon for each carbon pool, including:
 - Sampling plot names
 - Sampling plot dimensions
 - Sampling plot slopes
 - Tree diameters
 - Tree heights
 - Standing dead wood diameters, heights, and decomposition classes
 - Dead wood transect lengths
 - Dead wood diameters and decomposition classes
 - Non-tree vegetation and forest floor quadrat sizes
 - Non-tree vegetation and forest floor field sample weights
 - Non-tree vegetation and forest floor laboratory sample dry weights
 - File names for plot photograph
- 6. Documentation of Carbon Calculations. Spreadsheet that documents all carbon calculations.
- 7. Demonstration of Quantified Accuracy. Spreadsheet that documents quantified accuracy for the combined carbon pool measurement.



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Section 3.1 – Independent Verifier General Information

Independent Verifier		States Where Verifier Accredited	
Primary Street Address		Website URL	
City	State/Province	Postal Code	Country
Point of Contact for Project			
Contact Telephone Number	Contact Fax Number	Contact Email Address	
Contact Street Address			
City	State/Province	Postal Code	Country



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Section 3.2 – Independent Verifier Certification Statement and Report

I certify that the accredited independent verifier identified reviewed the *Consistency Application*, including all sections and attachments, in its entirety, including a review of the following:

1. The verifier has reviewed the entire *M&V Report* and evaluated the contents of the report in relation to the applicable requirements of 7 DE Reg. 1147 and the required information that must be provided in the *M&V Report*.
2. The verifier has evaluated the adequacy and validity of information supplied by the Project Sponsor to determine CO₂-equivalent sequestration in accordance with 7 DE Reg. 1147 and the required documentation that must be provided in the *M&V Report*.
3. The verifier has evaluated the adequacy and consistency of methods used by the Project Sponsor to quantify, monitor, and verify CO₂-equivalent sequestration in accordance with the applicable requirements of 7 DE Reg. 1147; Model Rule XX-10.5(c) and the Monitoring and Verification Plan submitted as part of the *Consistency Application*.

<p>_____</p> <p style="text-align: center;">Verifier Representative Signature</p> <p>_____</p> <p style="text-align: center;">Printed Name</p> <p>_____</p> <p style="text-align: center;">Title</p> <p>_____</p> <p style="text-align: center;">Organization</p> <p>_____</p> <p style="text-align: center;">Date</p>	<p>_____</p> <p style="text-align: center;">Notary</p>
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A verification report is attached that documents the verifier’s review of the entire *M&V Report* in relation to the applicable requirements of 7 DE Reg. 1147 and includes evaluation, conclusions, and findings.