

Forest Project Submittal Form

Instructions: Please complete all fields as thoroughly as possible. If the project in question is still in the planning/ development phase, all fields must be completed using best available data and estimates based on the proposed system design. This is an interactive Word form. Upon completion, please save this form as a PDF prior to uploading it to the Reserve. This will lock your answers and protect the document from any further changes. All fields must be completed, even if the answer is also provided elsewhere; if a field is not applicable insert N/A in the space provided. **Please note this project submittal form is only for projects submitted under Forest Project Protocol, Version 3.0.**

Section 1: Project Contact Information

Project Name:

Alligator River Avoided Conversion

Forest Owner (name of business entity as corporation, partnership, or individual):

Mattamuskeet Ventures 1, LLC ("MV1")

Forest Owner Contact:

**Glenn Lowder
Owner's Representative
HGB and Associates**

Technical Consultants who have assisted in Project Development (name of business entity as corporation, partnership, or individual):

**Blue Source LLC
Winrock International**

Technical Consultant Contact:

**Jeff Cole
Director
Blue Source**

Other Parties with a Material Interest:

None



Date of Form Completion:

September 3, 2009

Form Completed By (name, organization):

Jeff Cole, Blue Source

Section 2: Ownership and Organization Summary

1. List the fee title owners of this land:

Names on Fee Title Record	% of Timber Ownership*	Management Role
Mattamuskeet Ventures 1, LLC	100%	All
*If ownership < 100%, list other owners and their respective ownership (%)		

2. If more than one name is listed on the fee title, what is the ownership structure? **N/A**

3. Who has legal right to the timber on this land?

MV1

4. Is this project located on public land?

YES **X NO**

5. Is this Project Area located on tribal land?

YES **X NO**



Section 3: General Project Site Information

1. Specify your forest project type:

Improved Forest Management

Reforestation

X Avoided Conversion

2. Project Start Date (format MM/DD/YYYY):

Anticipated 09/30/2009

- a. Specify the actions that identify the project start date:

Conveyance of easement to USDA

3. Project Reporting Start Date (Estimated date for which reductions will be reported on the Reserve; format: MM/DD/YYYY):

01/10/2009

4. Have any vintage reduction tonnes from the project ever been registered with or claimed by another registry or program, or sold to another third party prior to registering with the Reserve?

No

If the answer is yes, you must complete and return a "*Registry Project Transfer*" form.

5. Describe how the project boundaries were determined:

Area where agricultural use is highest value and conversion was planned



6. Describe the GHG Assessment Boundary for the project, including any optional carbon pools/reservoirs that will be included:

The following carbon pools are included in the Baseline and Project Activity inventory and model:

- **AC1 Standing Live**
- **AC2 Shrubs and Understory**
- **AC3 Standing Dead**
- **AC4 Lying Dead**
- **AC5 Litter and Duff**
- **AC6 Soil Carbon**
- **AC13 Clearing Outside Area**

7. Provide a general description of the forest conditions within the Project Area:

- a. Species (tree) composition:

Tree Species	% Prevalence
Ash	0.3%
Black Gum	18.1%
Bay	6.2%
Cedar	4.2%
Cypress	2.2%
Gum	2.4%
Magnolia	41.5%
Pine	5.8%
Sweet Gum	0.5%
Soft Maple	18.7%
Total	100.0%

- b. Age class distribution:

The Project Area has less than 10% forested acres in age classes of 20 years or younger; the remainder is in mixed age classes, most over 40 years.



c. Management history:

The Project Area was originally cleared, ditched, drained and used for agriculture over 40 years ago. Since then it has been allowed to regenerate to native forest stands consisting of mixed pine and bottomland hardwoods with intermittent selective clearing.

d. Associated flora and fauna:

The Project Area is located adjacent to the Alligator River National Wildlife Refuge, and provides habitat for federally endangered Red Wolf, Bald Eagles, Black Bears and many species of neo-tropical migratory birds.

e. Recreational opportunities:

Passive enjoyment as permitted by easement (e.g. hiking, birding, hunting, wildlife photography).

f. Watercourses:

There are no watercourses in the Project Area. The Alligator River lies to the Northeast of the property.

8. Provide a general description of land management activities occurring on similar landscapes:

Most of the land of this type in Hyde County is in agricultural use, primarily cultivation of corn, soybeans and wheat.

Section 4: Project Eligibility

1. Is commercial harvesting planned or ongoing within the Project Area?

YES **X NO**



2. Specify how the project meets (or will meet) the following requirements under “Natural Forest Management” (Refer to Section 3.9.2 of the Forest Project Protocol for additional information):

- a. Native species:

Based on current inventory, the species mix of the Project Area is compatible with the natural forest of the region, and adheres to the natural forest management criteria. In the future, natural regeneration will be required by the easement.

- b. Composition of native species:

Based on current inventory, no single species exceeds 45% prevalence. In the future, natural regeneration will be required by the easement.

- c. Distribution of age classes/sustainable management:

Based on current inventory data, the Project Area adheres to the natural forest management criteria and has no more than 40% forested acres in age classes of 20 years or younger. In particular, at the time of the inventory the 0-10 year and 11-20 year age strata classes accounted for approximately 8% of the total project acreage. In the future, natural regeneration will be required by the easement.

Structural elements:

Based on current inventory data, the Project Area adheres to the natural forest management criteria. The mean standing deadwood biomass for the measured age strata's (40-49 year and 50-69 year) were 3.27 mtC per acre and 6.78 mtC per acre respectively.

3. Will the project incorporate broadcast fertilization?

No



4. Will this project employ a Qualified Conservation Easement or Qualified Deed Restriction?

Yes - permanent conservation easement conveyed to USDA

- a. Date the Qualified Conservation Easement or Qualified Deed Restrictions will be recorded:

Anticipated 09/30/2009

- b. Terms that affect forest management within Qualified Conservation Easement or Qualified Deed Restriction:

Owner will not harvest timber, convert to agricultural or development use, or otherwise significantly alter the Project Area.

Reforestation Projects: N/A

Improved Forest Management Projects on Private Lands: N/A

Improved Forest Management Projects on Public Lands: N/A

Avoided Conversion Projects

1. Describe how the type of anticipated land use conversion is legally permissible:

A North Carolina Attorney specializing in land use and environmental law has provided a legal opinion stating there are no statutes or regulations under United States or North Carolina law preventing, or requiring additional permits for, conversion of the Project Area to agricultural use.

2. Describe how the Project Area will be dedicated to continuous forest cover (i.e., through a conservation easement or transfer to public ownership):

Conveyance of permanent conservation easement to USDA



3. Specify the highest value alternative land use identified in the real estate appraisal for the Project Area and describe how the physical characteristics of the Project Area are suitable for the alternative land use:

Slope, soil type and water supply make Project Area ideal for agriculture, as evidenced by historical and neighboring land use.

4. Where conversion is to commercial, residential, or agricultural land use, is the slope of the Project Area greater than 40%?

YES ☒ NO N/A

5. Where conversion is to mining land use, describe the extent of mineral resources existing in the Project Area: **N/A**

6. Where conversion to residential, commercial, or recreational land use is anticipated, please describe:

a. The proximity of the Project Area to metropolitan areas: **N/A**

b. The proximity of the Project Area to grocery and fuel services and accessibility of those services: **N/A**

c. Population growth within 180 miles of the Project Area: **N/A**

Additional information:
