



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 project design. This is an interactive Word form. Upon completion, please save this form as a PDF prior to uploading it to the Reserve. 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.

Section 1: Project Contact Information

Project Name (as it appears in the Reserve software): Francis Beidler Forest 1

Account Holder (as it appears in the Reserve software)¹: **National Audubon Society, Inc.**

Is the Account Holder authorized to sign the Attestation of Title form on behalf of all Forest Owners?¹

☒ Yes

☐ No

Is the Account Holder authorized to sign the Restrictive Covenant and Project Implementation Agreement (the "PIA")?²

☒ Yes

☐ No

Please disclose any impediments that may exist to the Account Holder signing the PIA:

Forest Owner (name of business entity as corporation, partnership, or individual): **National Audubon Society**

Forest Owner Contact:

Norman L. Brunswig

National Audubon Society

336 Sanctuary Road

Harleyville, SC 29448

¹ The Account Holder must also be the Forest Owner. The Forest Owner must sign the Attestation of Title and the PIA. Multiple parties that are involved in the ownership of the land and project itself must be disclosed to the Reserve in this form.

² Please review the PIA prior to listing to determine if the Account Holder is eligible as a Forest Owner.



Technical Consultants who have assisted in Project Development (name of business entity as corporation, partnership, or individual): **Sabine & Waters, Inc.**

Technical Consultant Contact: **John Sabine**

Other Parties with a Material Interest in the project: **None**

Date of Form Completion: **04/30/2010**

Form Completed By (name, organization): **John Sabine, Sabine & Waters, Inc.**

Section 2: Ownership and Organization Summary

1. Is the proposed Forest Owner the property owner(s) in fee for the Project Area? (Owner in fee is the absolute owner of real property and free from any restrictions, conditions or limitations.)

☒ Yes ☐ No

If yes, please complete the following:

- (a) Provide documentation (e.g. deed of trust, title report, etc.) showing Forest Owner's ownership interest in the property and its interest in the trees and standing timber located on the property. Upload as a separate PDF titled "*Ownership Interests Documentation*".

If no, please answer/complete the following:

- (a) Explain how the entity identified as the Forest Owner has the right to undertake the project, register it with the Reserve, and execute the PIA: N/A
- (b) Would Forest Owner's execution of the PIA breach any relevant legal obligation or agreement it has with the fee owner(s) of the property?

☐ Yes ☐ No

If yes, please explain:

- (c) Has consent been given by the fee owner(s) of the property to the project and to Forest Owner executing the PIA?

☐ Yes ☐ No

If no, please explain:



- (d) Does Forest Owner anticipate that the fee owner(s) of the property will also execute the PIA with the Reserve?

☐ Yes

☐ No

- (e) Provide documentation (e.g. deed of trust, title report, etc.) showing Forest Owner's ownership interest in the property or its interest in the trees and standing timber located on the property. Upload as a separate PDF titled "*Ownership Interests Documentation*".

2. List all owners of the property in fee, the ownership structure, and the Assessor Parcel Number (APN) for each tract of land in the Project Area:

Names/Entity	Entity Type (e.g. corporation, partnership, individual)	APN
National Audubon Society	501(c)(3) Corporation	Dorchester County: 018-00-00-003, 027-00-00-025, 028-00-00-001, 028-00-00-002, 038-00-00-063, 039-00-00-001, 039-00-00-003, 052-00-00-001, 051-00-00-021, 051-00-00-040
		Berkeley County: 077-00-00-019, 095-00-00-063 (portion), 095-00-00-039, 115-00-00-010, 136-00-00-019
		Orangeburg County: 0351-00-02-003.000, 0351-00-01-004.000 (portion)

3. If more than one name is listed as fee owner in the table above, who is authorized to sign on behalf of all parties and who will be designated to manage the project³? N/A
4. Provide documentation (e.g. deed of trust, title report, etc.) showing other property interests existing within the Project Area, which are held by third parties and affect the trees and

³ Only one entity can sign the Attestation of Title, Attestation of Regulatory Compliance, and the Attestation of Voluntary Compliance. If a Forest Owner consists of combination of eligible entities, it is



standing timber located on the property (e.g., mineral rights, timber rights, easements, rights of way, leases etc.). Upload as a separate PDF titled “*Ownership Interests Documentation*”. In addition, in the table below, please list all entities that hold any direct or indirect⁴ legal interest⁵ in the trees or standing timber located on the property and what right the entity has through such interest to impact the trees or standing timber on the property.

Name/Entity	Type of Legal Interest	Potential Impact on Trees / Standing Timber
USDA-Wetland Reserve Program	Easement	Limited harvest

For each entity listed above, please provide further explanation of their rights to impact or otherwise affect the property, trees, and standing timber located on the property, and what impediments such rights could potentially pose to implementation of the Forest Project: N/A

5. Is this project located on public land?

☐ YES ☒ NO

If yes, describe how the project’s management activities and baseline will be approved, including any public vetting processes necessary to evaluate management and policy decisions concerning the project activity: N/A

6. Is this Project Area located on tribal land?

the responsibility of the Forest Owners to designate one entity with the authority to sign on behalf of all parties.

⁴ An “indirect interest” is any property interest that is not specific to trees or timber, but that could potentially impact the trees or standing timber located on the property.

⁵ Such interests could include a mineral or subsurface interest, surface interest, development right, future interest (reversionary or remainder interest), easement, or right of way.



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☐ YES ☒ NO

If yes, describe how the land within the Project Area is owned by a tribe or private entities: N/A

Section 3: General Project Site Information

1. Specify your forest project type:

☒ Improved Forest Management

☐ Reforestation

☐ Avoided Conversion

2. Project Start Date (format MM/DD/YYYY): **07/17/2007**

a. Specify the actions that identify the project start date: **conveyance of conservation easement to USDA Wetland Reserve Program**

b. For Improved Forest Management project provide documentation (i.e., management plan that denotes a change in practice, conservation easement, transfer to public ownership, or date of signing of the PIA) supporting the project start date. Upload as a separate PDF titled "*Project Start Date Documentation*".

3. What assessment area or area(s) does the project fall within (see Appendix F online at: <http://www.climateactionreserve.org/how/protocols/adopted/forest/resources/#appendix-f-documents>) Atlantic Coastal Plain Loblolly-Shortleaf-Oak, Atlantic Coastal Plain Riverine Hardwood, Atlantic Coastal Plain Swamp Hardwood & Cypress, Atlantic Coastal Plain Upland Hardwood

4. What year will/did the project first generate reductions (format: YYYY)? **2007**

5. Project Reporting Start Date (Estimated date reporting of reductions with the Reserve shall begin; i.e. the first planned verification date; format: MM/DD/YYYY): **07/17/2007**



6. How many acres is the Project Area? **6,127**
7. 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.

8. Describe how the project boundaries were determined: National Audubon Society land holdings that were placed under conservation easement on July 17, 2007 for enrollment in the USDA Wetland Reserve Program.
9. Total Project Area acreage: 6,127
10. 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: IFM-1 (Standing live carbon), IFM-3 (Standing dead carbon), IFM-6 (Soil Carbon), IFM-7 (Carbon in in-use forest products), IFM-8 (Forest product carbon in landfills), IFM-9 (Biological emissions from site preparation activities), IFM-13 (Biological emissions from clearing of forestland outside the Project Area), IFM-17 (Biological emissions from decomposition of forest products).
11. Provide a general description of the forest conditions within the Project Area:
 - a. Species (tree) composition: Approximately 76% of the forest cover by volume is composed of naturally occurring hardwood species including red maple, sweet gum, water oak, bald cypress, and tupelo gum. The balance of the natural forest cover is dominated by loblolly, spruce and longleaf pine. A small percentage of the upland areas have been planted in loblolly pine.
 - b. Age class distribution: While timber age classes range from 5 years to old growth timber over 100 years of age, the majority of the Project Area is composed of forest cover ranging from 40 to 70 years.



- c. Management history: The Project Area is a mix of previously owned private and industrial forest land. The majority of these lands were actively managed for timber production and the majority were harvested at least once prior to acquisition by Audubon.
 - d. Associated flora and fauna: The Project Area includes a representative, broad array of the natural flora and fauna native to SC coastal plain habitats. Protected species known to occur in Dorchester, Berkeley and Orangeburg Counties that may be present or have been detected in the Project Area include the state endangered Rafinesque's big eared bat, federally threatened frosted flatwoods salamander, federally protected bald eagle, federally endangered wood stork, red-cockaded woodpecker, shortnose sturgeon, pondberry, and chaffseed.
 - e. Recreational opportunities: May include hiking, camping, bicycling, hunting, canoeing/kayaking/boating, fishing, and horseback riding.
 - f. Watercourses: Portions of the Project Area are part of a 45,000-acre cypress-gum swamp, known as Four Holes Swamp, a major tributary of the Edisto River.
12. Provide a general description of land management activities occurring on similar landscapes: The majority of adjacent lands are privately owned or industrial timberland. Traditional land use has been forestry, recreation and agriculture historically. Typical timber management includes even-aged and selective harvesting techniques.
13. Will the project become part of an aggregate?

☐ YES ☒ NO

Section 4: Project Eligibility

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

☐ YES ☒ NO



If yes, describe how the Forest Owner will satisfy one of the three requirements for employing and demonstrating sustainable long-term harvesting practices on all of its landholdings (Refer to Section 3.9.1 of the Forest Project Protocol for additional information): While no harvest is planned at this time, the conservation easement allows for very limited harvest within the Project Area.

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: The most recent forest survey verified that the species composition is representative and typical of natural forests in the region and adheres to the criteria for management (95% native species based on the sum of carbon in the live standing pool).
 - b. Composition of native species: Bottomland hardwood stands and oak-hickory forest contain a natural mix of native tree species. These stands will be left untouched to continue to develop naturally during the project period. Only limited harvest is allowed within the upland pine stands. With only minimal management, species composition within these upland stands will shift gradually to a mixed pine-oak-hickory speciation. Because this project is in the preliminary stages, no direct measurements have been taken to determine whether the project area meets the Composition of Native Species Threshold by assessment area, as required by FPP 3.2, however, based the best available data that these criteria are met.
 - c. Distribution of age classes/sustainable management: While the vast majority of the Project Area is 20 to 25 years of age, only very limited harvesting may take place within the Project Area. In even-aged stands, lack of active timber management will result in a gradual shift to natural age class distribution. Because this project is in the preliminary stages, no direct measurements have been taken to determine whether the project area meets the Distribution of Age Class criterion as required by FPP 3.2, however harvest within these these stands is very limited by the USDA conservation easement, such that

harvest is only permitted by authorization from the USDA. Demonstration of continuous progress toward meeting the criteria in the future should be achievable.

- d. Structural elements: Because this project is in the preliminary stages, no direct measurements have been taken to determine whether the project area meets the Structural Elements criterion as required by FPP 3.2, however, very limited harvesting or active timber management may take place within the Project Area. As stands age, natural mortality will result in occasional standing dead and downed woody debris such that the project area should meet this criterion of 1 metric ton of carbon per acre or 1% of standing live carbon stocks.

3. Will the project incorporate broadcast fertilization? No

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

☒ YES ☐ NO

a. Date the Qualified Conservation Easement or Qualified Deed Restrictions will be recorded: July 17, 2007

b. Terms that affect forest management within Qualified Conservation Easement or Qualified Deed Restriction: The easement prohibits the removal or destruction of any vegetation including timber harvest without authorization from the easement holder. Vegetation modification is only permitted by USDA when it is deemed consistent with the long-term protection and enhancement of the wetland and other natural values of the easement area.

Reforestation Projects

5. The project is submitted under the eligibility requirement of:

a. ☐ Less than 10 percent tree canopy cover for a minimum of 10 years

i) Describe why the forest has been out of forest cover: N/A

- b. ☐ Subject to a significant disturbance that has removed at least 20 percent of the land's above-ground live biomass.
- i) Describe the nature and effects of the significant natural disturbance that occurred:
N/A
- ii) Indicate the eligibility scenario pertaining to the project site as identified in Appendix E of the Forest Project Protocol and explain why your project meets that scenario criteria OR provide a description of how the project occurs on a type of land for which the Forest Owner has not historically engaged in or allowed timber harvesting: N/A
6. List any laws, statutes, regulations or other legal mandates that would encourage or require reforestation on the Project Area: N/A

Improved Forest Management Projects on Private Lands

7. Description and citation of any and all legal constraints affecting forest management activities on the Project Area: The easement prohibits the removal or destruction of any vegetation including timber harvest without authorization from the easement holder. Vegetation modification is only permitted by USDA when it is deemed consistent with the long-term protection and enhancement of the wetland and other natural values of the easement area. Clean Water Act of 1972 (33 U.S.C. Section 1251 et seq.): The Act establishes the basic structure for regulating discharges of pollutants into the waters of the United States and regulating quality standards for surface waters. The Act employs a variety of regulatory and nonregulatory tools to reduce pollutant discharges into waterways and manage polluted runoff. These tools are employed to achieve the broader goal of restoring and maintaining the chemical, physical, and biological integrity of the nation's waters so that they can support "the protection and propagation of fish, shellfish, and wildlife and recreation in and water." Endangered Species Act of 1973 (16 U.S.C. 1531-1544 Stat. 884): The Act provides for the conservation of ecosystems upon which threatened and endangered species of fish, wildlife, and plants depend. It authorizes the determination and listing of species as endangered and threatened and prohibits unauthorized taking,

possession, sale, and transport of endangered species. It also authorizes the establishment of cooperative agreements and grants-in-aid to States, including South Carolina, that establish and maintain active and adequate programs for endangered and threatened wildlife and plants.

Improved Forest Management Projects on Public Lands

8. Describe how current and future public policy will affect onsite carbon stocks and how the baseline modeling incorporates constraints imposed by all applicable statutes, regulation, policies, plans and Activity-Based Funding: N/A

Improved Forest Management Projects

9. Does the forest land have an estimated canopy cover of 10 percent or greater? Yes
10. Does the project take place on land that was part of a previously registered Forest Project?
☐ YES ☒ NO
- a. If yes, why was the project terminated? N/A

Avoided Conversion Projects

1. Describe how the type of anticipated land use conversion is legally permissible: N/A
2. Describe how the Project Area will be dedicated to continuous forest cover (i.e., through a conservation easement or transfer to public ownership): N/A
11. Was the land under private ownership prior to project start date? ☐ YES ☐ NO
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: N/A
4. Where conversion is to commercial, residential, or agricultural land use, is the slope of the Project Area greater than 40%?



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☐ YES ☐ NO ☒ N/A

If yes, please explain: 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 (people per year) within 180 miles of the Project Area: N/A

Additional information:
