

[Enter Forest Management Plan Title Here]

Type of Forest Management Plan: Click or tap here to enter type of plan (NRCS, Forest Stewardship, Tree Farm, etc.

Owner’s Name(s): Click or tap here to enter text.

Farm Bill Program Name: If not applicable type NA.

Contract Number: If not applicable type NA.

Farm: If not applicable type NA.

Tract: Click or tap here to enter text.

County: Click or tap here to enter text.

State: Click or tap here to enter text.

Plan Author’s Name: Click or tap here to enter your name.

Plan Author’s TSP Number: If not applicable type NA.

Plan Author’s TSP Expiration Date: If not applicable type NA.

Click or tap here to enter phone number.| Click or tap here to email address.

Click or tap here to enter your mailing address.

Plan Time Period: Click or tap here to enter time period.

Signatures and Approvals

**Plan Author**

I have written/reviewed this plan and believe the management recommendations will help meet the landowner’s goals and objectives. I certify that the information provided is completed to the best of my ability and knowledge.

I certify the work completed and delivered for this Forest Management Plan:

* Complies with all applicable Federal, State, Tribal, and local laws and regulations.
* Meets the General and Technical Requirements for this CPA.
* The planned practices are based on NRCS Conservation Practice Standards (CPSs) in the state Field Office Technical Guide where the practices are to be implemented.
* Is consistent with and meets the conservation goals and objectives for which the program contract was entered into by the participant.
* Incorporates alternatives that are both cost effective and appropriate to address the resource issue(s) and participant’s objective(s).

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Plan Author Signature Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

State Registered Forester Number (if applicable)

**Participant (if applicable)**

I accept the completed CPA deliverables as thorough and satisfying my objectives.

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Signature Date

**NRCS (if applicable)**

NRCS administrative review completion by:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature Date

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Conservation Assistance Notes

Click or tap to enter text to document each client interaction and field visit. Conservation assistance notes must be date-ordered and include initials of note-maker, date, results of the interaction or activity completed, & those present.

Introduction

Property Ownership

**Landowner:** Click here to enter landowner name(s).

**Mailing Address:** Click here to enter mailing address.

**Phone:** Click here to enter the landowner’s phone number.

**E-mail:** Click here to enter the landowner’s email address.

**Date of Plan Completion:** Use the dropdown arrow to select the date.

Property Description

**Legal Property Description:**

Click here to enter legal property description.

**Nearest City or Town:** Click here to enter nearest city.

**County:** Click here to enter county.

**Coordinates (Decimal Degrees):** xxx, yyy.

**Total Ownership Acreage:** Click here to enter acreage.

**Total Forested Acreage:** Click here to enter acreage.

**Total Acreage Covered by this Plan**: Click here to enter acreage.

**Number of unique stands of trees, or management units:** Click here to enter.

**Does the Landowner Reside on the Property?** Yes or No?

**Description of Basic Topography:** Click here to enter description of basic topography.

**Forest Access to Vehicles (choose one):**

[ ] Inaccessible (can’t access forestland with a vehicle)

[ ] Poor (less than 50% accessible)

[ ] Good (50 to 75% accessible)

[ ] Great (more than 75% accessible)

**Watershed**: Click here to enter watershed data.

Land Use History

**Historical Landscape Context:**

Click here to enter the historical landscape context of your property (narrative). Include any Indigenous connections and other social histories. It is important to acknowledge the history of the landscape as a whole, including the presence of Indigenous peoples and their connection to the land in addition to European history and impacts. As original stewards of this land, they shaped the forest’s unique mix of tree and other plant species, soils and waterways, and habitat for wildlife.

**Management History:**

Click here to enter the management history of the property, the equipment and technology currently in use, and existing conservation practices (narrative).

Tax and Business Management

**Real Estate and Property Tax Information:**

Click here to enter tax map numbers.

Forest Management Objectives

**Objective 1:** Click here to describe the landowner’s first management objective (narrative).

**Objective 2:** Click here to describe the landowner’s second management objective (narrative).

**Objective** Enter Number**:** Click here to describe the landowner’s next management objective (narrative) and click the ‘+’ to add more list items.

Property Maps

**Location Map(s)**



**Forest Management Plan Map(s)**



**Soil Map(s)**



Property Overview

Special Sites and Social Considerations

**Protect Special Sites:** Click here to enter text (narrative). Can include sites such as permanent structures, historic resources sites, culturally significant sites (e.g. old stone walls from past land uses), etc. These sites should be buffered out of any management activity on the property, if desired by the landowner.

**High Conservation Value Forests:** Click here to enter text (narrative). If applying for certification with FSC, further documentation of identified HCVFs may be necessary.

**Adjacent Land or Ownership Considerations:** Click here to enter text (narrative). Forests in Central Appalachia have been continually fragmented. Due to this, it is important to understand the function, condition and needs of these forests on the landscape-level, particularly when managing for wildlife and using practices such as prescribed fire and invasive species control.

**Recreation:** Are there recreational values associated with the property (e.g. hunting, hiking)? Click here to enter text (narrative).

**Access:** Click here to enter directions (narrative).

Water and Soil Protection

Any silvicultural and/or forest management operations should be done with consideration and adherence with your state’s Best Management Practices (BMPs).

**Water Protection**

Efforts that will be made to reduce impacts to water quality:

* Click here to enter text.
* Click here to enter text.
* Click here to enter text and click the ‘+’ to add more list items.

**Annual Monitoring of Road and Culvert Systems**

Forest road system monitoring programs to assess the condition and environmental impacts of forests roads is a good practice to maintain. If applying for FSC certification, having a monitoring plan is required. Monitoring includes: observing and maintaining bridges and culverts for functional drainage, maintaining roads for large cracks, sink holes, and other damages; observing uphill side of roads for erosion into ditch systems; observing downhill side of roads for erosion into streams, ponds, or wetlands; observing water flow; evaluating orphaned roads, culverts, bridges, and road conditions.

**Soil and Erosion Protection**

As with protecting a site’s natural hydrology, it is important to minimize disturbance to soils. Efforts that will be made to reduce impacts to soils:

* Click here to enter text.
* Click here to enter text.
* Click here to enter text and click the ‘+’ to add more list items.

**Description of Soils**

Click or tap here to enter brief soil descriptions from Web Soil Survey <https://websoilsurvey.nrcs.usda.gov/app/>. Add any soil interpretations that may be relevant.

Fish, Wildlife, and Biodiversity

**Fish and Wildlife**

Desired wildlife improvement activities:

* Click here to enter text.
* Click here to enter text.
* Click here to enter text and click the ‘+’ to add more list items.

**State and Federal Threatened or Endangered Species- Plants or Animals:**

Click here to paste dataset.

**Ecological Systems**

Click here to enter forest site type information (narrative).

Management of Forest Resources

**Habitat Management Recommendations**

Bird-Friendly Forestry Practices to be Implemented (*check all that apply*):

[ ] Maintain large blocks of contiguous forested habitat.

[ ] Keep continuous buffers along perennial streams a minimum of 50 feet wide.

[ ] Limit management activities during bird breeding seasons when possible.

[ ] If compatible with regeneration objectives, retain overstory trees of varying types and sizes when harvesting. Keep trees that produce fruits, seeds, or nuts promoting widespread seasonality of mast production by favoring a diversity of tree species (e.g. black cherry, oaks, hollies).

[ ] Leave trees and snags that have cavities of varying sizes and various locations on the trunk.

[ ] Soften edges between habitats. Reduce negative edge effects by creating irregular edges or by feathering edges. An “edge” can be defined as a place where two differing types of vegetation meet, e.g. deciduous forest meets grassland. Sharp edges, or an abrupt change between habitats, often have negative impacts on songbirds; these impacts are known as “edge effects.” Negative edge effects are greatest within about 150 feet of the forest edge.

[ ] Minimize linear openings (e.g. truck/skidder roads, ATV trails). Whenever possible, maintain forest canopy closure over trails and woods roads.

[ ] Limit management that would increase the extent of invasive species in areas with >10% of the total plant cover consisting of exotic species where plant cover can be measured via basal area, canopy cover, stem count, etc.

[ ] Conduct pre- and post-treatments of invasive plants anytime the overstory is removed to limit their spread.

**Forest Health Concerns:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Threat** | **Scope (%)** | **Severity** **(1-10 scale)** | **Potential Impacts** | **Mitigation Strategy** |
| Click here to enter threat. | Click here to enter scope. | Choose from the list. | Click here to enter text. | Click here to enter strategy. Click the blue + to add more rows. |

**Reforestation and Afforestation:** Click here to enter text (narrative). Briefly describe any activities that will be conducted to establish desired tree species, in both the short and the long term.

**Economic and Operational Constraints:** Identification of alignment between a landowner’s goals and the needs and limitations of the landscape are imperative to implementing effective bird-friendly forest management. Implementing these forestry practices may sometimes not be financially feasible for every landowner, as less timber revenue is generated with each harvest entry compared to conventional practices. If NRCS has applicable cost-share funding available, this could greatly help offset the costs of activities and incentivize desired forest management outcomes.

**Monitoring of Forest Resources:**

* Click here to enter text.
* Click here to enter text.
* Click here to enter text and click the ‘+’ to add more list items.

Professional Assistance

**Assistance:** The landowner has consulted Click here to enter your organization. and partners regarding special sites and threatened species concerns. The plan has also been reviewed by Click here to enter additional names or organizations..

#

# **Stand-Level Information**

Stand Enter stand number. Description

|  |  |
| --- | --- |
| **Stand Forest Type:** Click here to enter forest type.**Acres:** Click here to enter acres.**Approx Stand Age:** Click here to enter age.**Approx Canopy Height:** Click here to enter height.**Overstory Average DBH:** Click here to enter DBH.**Overstory Basal Area:** Click here to enter BA.**Overstory Density:** Click here to enter density.**Overstory Trees Per Acre:** Click here to enter TPA.**Percent Stocking:** Click here to enter % stocking.**Midstory Species:** Click here to enter common species.**Groundcover Species:** Click here to enter common species.**Percent Groundcover:** Click here to enter groundcover.**Site Index:** Click here to enter site index.**Dominant Soil Series:** Click here to enter dominant soil series. |  |

**Objectives and Desired Future Condition:**

Click here to enter objectives and DFC for this stand (narrative).

**Stand Inventory:**

Click here to enter inventory process (narrative). Attach forest inventory plot data as an Appendix.

**Current Description:**

Click here to enter current stand description (narrative). Describe the history of the stand, existing conservation practices, current phase of stand dynamics, diameter distributions by species, approximate age(s) of the stand, hydrologic conditions, aspect and slope, inventory data for commercially harvested products, stocking levels, and any other information relevant to management such as stand density and volume.

**Stand Health Concerns**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Threat** | **Scope (%)** | **Severity** **(1-10 scale)** | **Potential Impacts** | **Mitigation Strategy** |
| Click here to enter threat. | Click here to enter scope. | Choose from the list. | Click here to enter text. | Click here to enter strategy. Click the blue + to add more rows. |

**Stand Management Recommendations:**

Click here to enter stand management recommendations (narrative). Describe the desired future conditions of the stand and the silvicultural system that will be used to achieve those conditions. Additionally, determine the sustained yield harvest level (in mbf/yr) such that harvest levels and rates do not exceed growth over successive harvests (annual allowable cut). Click on the blue + at the bottom corner of the page to add additional stands.

Forest Management Activities

Management activities and estimated associated costs. The landowner should engage their local NRCS field office about the eligibility of different management activities outlined in this plan for cost-share funding.

**Practice Schedule and Tracking for Next Ten Years**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **NRCS Tract No.** | **Stand(s)** | **Activity/Conservation Practice** | **Code\*** | **Units**(acres, feet, etc) | **Planned Month/Year** | **Effects of No Action** |
| NRCS tract number | Stand number | Enter activity | Activity code | Enter units | Dates | Describe what will happen if a preferred alternative is not implemented |
| NRCS tract number | Stand number | Enter activity | Activity code | Enter units | Dates | Describe what will happen if a preferred alternative is not implemented |
| NRCS tract number | Stand number | Enter activity | Activity code | Enter units | Dates | Describe what will happen if a preferred alternative is not implemented |
| NRCS tract number | Stand number | Enter activity | Activity code | Enter units | Dates | Describe what will happen if a preferred alternative is not implemented |

**\***NRCS Practice Code needed if practice will be submitted for an NRCS incentive program, otherwise leave blank.

**Long-Term Management Activity Schedule and Tracking for Year 11 and Beyond**

|  |  |  |  |
| --- | --- | --- | --- |
| **Stand** | **Activity** | **Effects of No Action** | **Year** |
| Enter stand number. | Enter description of activity. | Describe what will happen if a preferred alternative is not implemented | Enter dates. |
| Enter stand number. | Enter description of activity. | Describe what will happen if a preferred alternative is not implemented | Enter dates. |
| Enter stand number. | Enter description of activity. | Describe what will happen if a preferred alternative is not implemented | Enter dates. |
| Enter stand number. | Enter description of activity. | Describe what will happen if a preferred alternative is not implemented | Enter dates. |