

[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 or delete this row.

Contract Number: If not applicable type NA or delete this row.

Farm: If not applicable type NA or delete this row.

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 Written By: Click or tap here to enter your name.

TSP Number: If not applicable type NA or delete this row.

TSP Expiration Date: If not applicable type NA or delete this row.

Contact

 Click or tap here to enter your mailing address.

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

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

Contents

[Signatures and Approvals 2](#_Toc157602045)

[Contents 3](#_Toc157602046)

[Conservation Assistance Notes 4](#_Toc157602047)

[Introduction 4](#_Toc157602048)

[Property Ownership 4](#_Toc157602049)

[Property Description 5](#_Toc157602050)

[Land Use History 6](#_Toc157602051)

[Tax and Business Management 6](#_Toc157602052)

[Forest Management Objectives 6](#_Toc157602053)

[Property Maps 7](#_Toc157602054)

[Property Overview 9](#_Toc157602055)

[Special Sites and Social Considerations 9](#_Toc157602056)

[Water and Soil Protection 9](#_Toc157602057)

[Fish, Wildlife, and Biodiversity 10](#_Toc157602058)

[Management of Forest Resources 10](#_Toc157602059)

[Professional Assistance 11](#_Toc157602060)

[Stand-Level Information 13](#_Toc157602061)

[Stand Enter stand number. Description 13](#_Toc157602062)

[Forest Management Activities 15](#_Toc157602063)

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

**Property Location Map**



**Stand Map**



**Soil Map**



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). Bottomland hardwood forests 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 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**

Wildlife Forestry Practices to be Implemented:

* Prioritize sites in proximation to existing target species populations. This is crucial for inhabitation by the species.
* Always seek to address invasive species management prior to silvicultural treatment or in conjunction with the management activity.
* Retain trees containing small and large cavities and limit damage to cavity trees during harvest.
* Manage for a mosaic of forest types across the landscape. Many species need young forest as well as mature forests and sometimes, ‘doing nothing’ and letting the forest grow is an active management decision.
* Keep contiguous buffers along perennial streams and limit management in riparian zones.
* Limit management activities during bird breeding seasons when possible.
* Soften edges between habitats. An example of an abrupt edge is the border between a forest and a farm, and this can cause *negative edge effects*. Negative edge effects are the consequences of abrupt changes in conditions between differing vegetation communities. Negative edge effects include increased risk of predation, brood parasitism, invasive species invasion, and adverse microclimate conditions.
* Harvest during dry periods and use low ground pressure harvesting equipment to reduce soil damage and diminish hydrologic impacts.
* When constructing water crossings, use fords (low water crossings) or bridges to enable the passage of aquatic wildlife.
* Harvest smaller areas. Large harvests can inhibit evapotranspiration and create inundation and saturation on the site, inhibiting growth and regeneration of desired tree species.

**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:** Implementing wildlife forestry practices in bottomland hardwood forests may not be financially feasible for every landowner, as timber revenue is likely less with each entry compared to conventional practices. Market conditions are constantly in flux and forest product market access heavily influences what can and cannot happen operationally in the woods. Utilizing cost share programs can help offset some of the costs incurred.

**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. |
| Approximate Stand Age | Click here to enter age. |
| Approximate Canopy Height | Click here to enter height. |
| Overstory Average DBH | Click here to enter DBH. |
| Overstpry 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. |
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