## Silviculture Trial Template

Project Subject/Title: Hardwood Strip Clearcut

Contact Person: Jeremiah Oftedahl, Asst. Forest Administrator, 715-479-5160.

<u>Abstract</u>: Create a new northern hardwood cohort each stand entry. Strip Clearcuts were chosen in this stand based on the poor-quality hardwood overstory that developed due to past logging practices, followed by the removal or shorter-lived species, such as white birch and resulting retention of a sparse, poor quality maple overstory. Consequently, eutepella and nectria canker, as well as maple borer, is also prevalent in areas of this stand.

Trial Location: Nearest Town Road – Indian Lake Road.

County: Vilas
Township: 42N Range: 9E Section: 7
GPS Coordinates: Lat: <u>N/A</u> Long: <u>N/A</u>
Property Name:Vilas County Forest
Site Map: 1-21 Moby Dick

## **Baseline Stand Data:**

Presale Stand Data 1998

WisFIRS Property Code: 6400 Compartment/Stand number: 25/23

Primary Type: NH 5-11<sup>4</sup> Secondary Type: N/A

Age: 0 Acres: 123

Soil Type: Padus-Pence Complex and Sayner Rubicon Complex

Habitat Type: ATD

Presale Stocking: 138 sq.ft./acre Residual Stocking: 74 sq.ft./acre

Presale Stand Data 2017

WisFIRS Property Code: 6400 Compartment/Stand number: 25/23

Primary Type: NH 11-15<sup>2</sup> Secondary Type: NH 15+<sup>1</sup>

Age: 0 Acres: 123

Soil Type: Padus-Pence Complex and Sayner Rubicon Complex

Habitat Type: ATD

Presale Stocking: 103 sq.ft./acre Residual Stocking: 77 sq.ft./acre

<u>Prescription and Methods</u>: Strip clearcut areas were setup during presale work. Length and width of strips varied and often depended on topography and timber quality. Widths range from 1-3 chains wide.

Regeneration strips were only harvested. No record of site prep or timber stand improvement projects post harvest.

<u>Results</u>: Survival, 2016 observation - NH 0-5<sup>3</sup>. Ironwood is present, but will not dominate the stand. Strips are primarily sugar maple, but yellow birch is also present.

<u>Discussion/Recommendations</u>: Strip clearcut method can regenerated northern hardwood age classes. Some strip locations do make timber access very difficult. Be sure to plan strip locations before establishing them.

## Vilas County Forestry Department

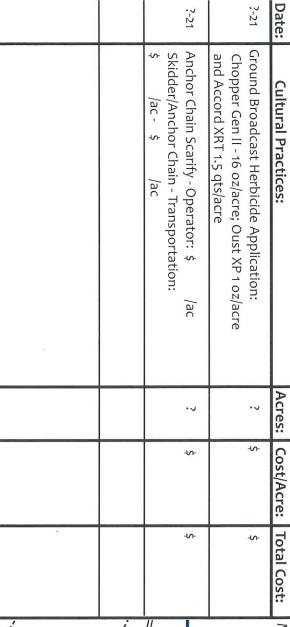
## **Planting and Cultural Report**

Percent Survival: 1st Year: Species targeted for Regeneration: Red Oak and Northern Hardwood Year Seedbed Prepared: 2021 Plantation Number: 1-21 - Moby Dick Estimated Stocking -3rd Year: Acres - 123 5th Year:

> Soil Type: Pence Sandy Loam Habitat Type: ATD Compartment/Stand Number: 25/23, 9 Legal Description: Section 7, Land O' Lakes, T42N R9E.

Date:	Cultural Practices:	Acres:	Acres:   Cost/Acre:   Total Co	Total Cost:	Map Sca	Map Scale: 1:15,840
7-21	2-21 Ground Broadcast Herbicide Application:	2	ሉ	<i>γ</i> -		
	Chopper Gen II - 16 oz/acre; Oust XP 1 oz/acre				$\bigotimes$	2020 Origin Reger

	$\otimes$
1999 Origin Regeneration Strip, 21 acres	2020 Origin Regeneration Strips, 22-acres.



Fall 2021 - Anchor Chain scarification. 1.5 quarts Accord/acre, 16 ounces Chopper/acre and 1 ounce Oust/acre. broadcast spray application of herbicides using the following chemicals and rates: Additional Remarks: Site Preparation Broadcast Herbicide Application: A ground

target species are Rubus spp., Populus spp., Acer rubrum, and all grass/sedge species. Broadcast spray area defined by pink ribbon line. Do Not spray trails. Herbicide Prescription: Site Preparation for natural Red Oak and Northern Hardwood regeneration.

Strips are primarily sugar maple, but yellow birch is also present. Survival, 2016 observation - NH 0-5^3. Ironwood is present, but will not dominate the stand

