

Beltrami County NRM Timber Appraisal

225011

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Appraised By: Nick Ronning Appraisal Date: 12/19/2024	Sale Type: REGULAR AUCTION SALE Auction Date: 04/03/2025 Access: Public Access	Appraisal Number: Whitetail 2nd Thin Permit Number: 225011 Expiration Date: 04/10/2027
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Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge.</u>	<u>School</u>	<u>City/Twp</u>	<u>Subd</u>
	30	147	32	31	Turtle River	N 1/2 SW 1/4

<u>Bid</u>	<u>Species</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>	<u>Comments</u>	<u>Bolt %</u>
Bid	Red Pine bolts	250	Cords	\$40.00	\$10,000.00		
Bid	Red Pine pulp	100	Cords	\$10.00	\$1,000.00		
Bid	Mixed Hardwoods	1	Cords	\$10.00	\$10.00	Includes anything other than Norway Pine	
					\$11,010.00	Subtotal	
Total Cords: 351 Total MBF: 0					\$11,010.00	Total	
					\$1,651.50	15% Down Payment	

Bid Symbols: Bid = Bid Species; Non-Bid = Non-Bid Species; Area Est. = Sold Area Estimate; AE Non-Bid = Sold Area Estimate & Non-Bid Species
 All species woodsrun unless listed otherwise.

Species Scaled: Mixed Hardwoods, Red Pine bolts, Red Pine pulp
Species SAE:

Operability:	All season operability: Jan 1 - Dec 31	Soil Type:	Loamy Sand, all season operability
Topography:	flat to slightly rolling		
Acres:	35		

DRAIN

Type:	Acres Cut:
REGULAR AUCTION SALE	35.00

Total: 35.00

Harvest Specifications

Access
<ul style="list-style-type: none"> • Firm or Frozen – Operations may be conducted whenever the site is frozen or when dry and firm to prevent site impacts. • Latitude/Longitude – Primary access location is Lat. 47.519N, by Long. 94.792W, on Whitetail Road

Cutting and Skidding
<ul style="list-style-type: none"> • Logging Damage - Logging damage is injury to 30% or more of the crown; or bark damage exposing cambium of 50 sq.in. or more; or damage causing lean of more than 5 degrees from original. Damage to reserve trees, as identified on the Appraisal form, may be subject to a \$25/tree penalty • Marked to Cut – Trees in parts of the sale are marked to cut (MTC) with red paint. Refer to harvest block and silvicultural prescription details elsewhere in the contract. • Skid on existing trails • Stay within Boundaries - Unless approved in advance by the Forester, all harvest activities shall be confined to within the marked boundary. Access roads, skid trails and landing areas proposed for use outside the harvest boundary must be approved prior to use. Failure to comply with these requirements may be subject to a \$100 penalty per incident. • Stumps – Average stump heights below 12" and as low as possible.

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Harvest and Reserves
<ul style="list-style-type: none">• Boundary Blue Paint & Roads.• Cut Trees: Remove 1/3 of BA to a stand average of 100 sq ft BA. Cut Defect first, then small DBH and Overtopped, Then cut for spacing. 99% Norway Pine, so leaving species diversity is fine.• Leave Trees: 2/3 Basal Area including biggest and best Norway Pine and species diversity.

Landings, Access Roads, and Skid Trails
<ul style="list-style-type: none">• General Road/trail BMP - A combination of road drainage BMPs may be applicable, which combined with slash trampling to close the temporary roads to vehicles will provide erosion protection.• Roads stay open - Sale is mostly accessible via existing road system. Roads to remain open and in pre-existing or better condition with BMP drainage after use. Any temporary trail or spur will be closed.• Landings Approved – Landing locations must be approved in advance by the Forester. Sale plan includes roadside landings

Site, Soil, and Water Protection
<ul style="list-style-type: none">• Rutting - Contractor must be prepared to shut down equipment operations or hauling if thawing or wet conditions create the potential for rutting. Failure to comply with this requirement may be subject to a \$100 penalty per occurrence.

Slash Disposal
<ul style="list-style-type: none">• Slash: Lop and Scatter

Tree Size, Marketing, and Special Conditions
<ul style="list-style-type: none">• 4 inch TDIB – Utilize all material from butt to a 4” top diameter inside bark.• Pine thinning guides - to minimize Ips Bark Beetle Damage in residual or nearby pine. A) December 1–May 31: All cut pine material > 3” and pine logs must be removed or destroyed before June 1 ; B) June 1–August 31: All cut pine material > 3” and pine logs must be or destroyed within 3 weeks of cutting; C) September 1–November 30: may leave slash on site

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Site Map:



Appraisal examined and approved by _____

Forester

_____ Date

Appraisal examined and approved by _____

Land Department

_____ Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Whitetail 2nd Thin						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
	30	147	32	31	Turtle River	N 1/2 SW 1/4	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
30	147	32	52	35	41	FDc34	Intermediate Thin
*NPC	FDc34 - Central Dry-Mesic Pine-Hardwood Forest						
No Basal Data							
Current Site Conditions	Current CTYPE is Norway Pine, with SI 55, and overall BA of 130 sq.ft./ac.						
Insect/Disease	Ips - Potential for Ips Beetle in logs & slash, use hauling guides						
Timber Objectives	2nd thin pine: Basal Areas vary widely across stand. Thin BA by 1/3 to achieve a stand average of 100 sq ft BA throughout. Some areas may require little to no thinning. Cut defect first, then small DBH and Overtopped, Then cut for spacing to reach 100 sq ft BA. Species diversity can be maintained as the stand is 99% Norway Pine.						
Soil Types	Sandy Loam						
Wildlife	All dead and den trees and snags will be reserved unless they pose a safety hazard. Project spacing of habitat elements is beneficial to wildlife. Reserve clumps - Reserve clumps are maintained at the edge of the stand for habitat connectivity & to help them be wind firm The reserved species will serve as a mast production for wildlife.						
Visual Sensitivity	Medium - Visual ranking is moderate on this site, Visual quality protected by a combination of buffers, landing placement, harvest design (leave trees or harvest shape), slash disposal limit near roads, etc.						
Natural Heritage	Database was checked and no resources found.						
Cultural Resources	Database was checked and no resources found.						

STAND HARVEST PRESCRIPTIONS

Harvest Methods

Intermediate Thin

Thin as designated (Thinning)