

# Beltrami County NRM Timber Appraisal

# 225032

Page: 1 of 3

<b>Appraised By:</b> Clayton Marcott	<b>Sale Type:</b> REGULAR AUCTION SALE	<b>Appraisal Number:</b> Blueberry Pine
<b>Appraisal Date:</b> 06/18/2025	<b>Auction Date:</b> 08/07/2025	<b>Permit Number:</b> 225032
	<b>Access:</b> Public Access	<b>Expiration Date:</b> 08/07/2027

## 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>
330009900	20	150	32	32	O'Brien	SW 1/4 SE 1/4, SE 1/4 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	218	Cords	\$40.00	\$8,720.00	141 trees total. Average height 75'. Average DBH 21"	
Bid	Aspen pulp	64	Cords	\$25.00	\$1,600.00		
					\$10,320.00	<b>Subtotal</b>	
<b>Total Cords: 282 Total MBF: 0</b>					\$10,320.00	<b>Total</b>	
					\$1,548.00	<b>15% Down Payment</b>	

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:** Aspen pulp, Red Pine bolts

**Species SAE:**

<b>Operability:</b>	Summer Chance	<b>Soil Type:</b>	fine sandy loam
<b>Topography:</b>	flat to slightly rolling		
<b>Acres:</b>	10.7		

## DRAIN

<b>Type:</b>	<b>Acres Cut:</b>
REGULAR AUCTION SALE	10.70

Total: 10.70

## Harvest Specifications

<u>Access</u>
Primary access is off Harvest Rd NE. Lat/Long - 47.802 N, 94.783 W.

<u>Cutting and Skidding</u>
<ul style="list-style-type: none"><li>• 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</li><li>• Reserve tree cutting penalty - Cutting any marked or designated leave tree without pre-approval by the Forester may be subject to a \$50.00/tree penalty. On area estimate sales, reserve trees approved for cutting by the Forester must be measured or field scaled for billing at contract rates.</li><li>• 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.</li><li>• Stumps – Average stump heights below 12" and as low as possible.</li><li>• 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.</li></ul> <p>Whole tree skidding may be utilized to promote scarification if logging activities occur during the spring or summer months. *Unless doing so damages reserve trees.</p>

# Beltrami County NRM Timber Appraisal

# 225032

Page: 2 of 3

<b>Appraised By:</b> Clayton Marcott	<b>Sale Type:</b> REGULAR AUCTION SALE	<b>Appraisal Number:</b> Blueberry Pine
<b>Appraisal Date:</b> 06/18/2025	<b>Auction Date:</b> 08/07/2025	<b>Permit Number:</b> 225032
	<b>Access:</b> Public Access	<b>Expiration Date:</b> 08/07/2027

## Harvest and Reserves

- Den Trees – Reserve trees with obvious den and cavity usage, even if not marked to leave.  
Blue paint boundary. All Red Pine is marked to cut with red paint. Aspen clear cut. Reserve all other species.

## Landings, Access Roads, and Skid Trails

- Landings Approved – Landing locations must be approved in advance by the Forester. Sale plan includes 1 landing
- 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.
- Snowmobile Trail Use – Access use on the snowmobile trail is allowed in the winter. Do not plow the trail bare. Maintain a snow cushion on the trail for that use. Sign the trail 500' on each side of the use area with caution signs. Do not block the trail with equipment, slash or logs. Operators will give right-of-way to snowmobilers.

## Site, Soil, and Water Protection

- 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.
- Soil Protection - Soils are subject to rutting if operated on when wet, stop activity if conditions may lead to rutting, compaction or displacement of soils. Keep BMP applications current to prevent erosion.

## Slash Disposal

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 removed or destroyed within 3 weeks of cutting; C) September 1–November 30: may leave slash on site in small piles for burning. Slash piles should be clean and free of dirt.

## Tree Size, Marketing, and Special Conditions

- 4 inch TDIB – Utilize all material from butt to a 4" top diameter inside bark.
- No excess culling – Cutting long Butts or oversize tops to produce higher quality product must be done to retain marketable lengths of lower value pulp or firewood. Culling which leaves excessive amounts of wood in unmarketable lengths may be subject to a \$10.00 per piece penalty, unless the material is loaded and hauled off site based upon an estimated cord volume.
- 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 removed or destroyed within 3 weeks of cutting; C) September 1–November 30: may leave slash on site in small piles for burning.

**225032**

**Expiration Date:** 08/07/2027

## Date \_\_\_\_\_

## STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Blueberry Pine						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
330009900	20	150	32	32	O'Brien	SW 1/4 SE 1/4, SE 1/4 SW 1/4	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
20	150	32	52	10.7	98	FDn43	Marked to Cut
*NPC	FDn43 - Northern Mesic Mixed Forest						

No Basal Data

<b>Timber Objectives</b>	Harvest removes most of the trees in an area while retaining seed trees singly or in groups for the purpose of furnishing seed to restock the harvested area. Seed trees may be removed after adequate regeneration is established. Pine Thin Marked to Cut – remove only those trees marked to cut with red paint. Seed trees may be removed after adequate regeneration is established. Aspen clearcut.
<b>Regeneration</b>	Norway Pine may be planted to ensure prompt regeneration. If logging activity occurs during summer months, whole tree skidding may be used for scarification of the topsoil to promote Red Pine seedling germination.
<b>Soil Types</b>	loamy fine sand
<b>Environmental Impact</b>	Logs, slash, and woody debris larger than 3" will be removed within three weeks. If harvest occurs between September 1st and November 30th, slash piles will utilized to be burned during the winter months.
<b>Wildlife</b>	All dead and den trees and snags will be reserved unless they pose a safety hazard. Reserve trees will provide cover and future breeding sights for species within the harvest area.
<b>Visual Sensitivity</b>	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.
<b>Natural Heritage</b>	Species of Concern - from the Natural Heritage Data base are in the area and are protected by project design. All operations limited to the location and timing specified.
<b>Cultural Resources</b>	Database was checked and no resources found.
<b>Current Site Conditions</b>	Current CTYPE is 52, with SI 66, and overall BA of 120 sq. ft/ac.
<b>Block:</b>	2
<b>Stand Details</b>	
<b>*NPC</b>	

No Basal Data

<b>Current Site Conditions</b>	Current CTYPE is 52, with SI 66, and overall BA of 120 sq. ft./ac.
<b>Timber Objectives</b>	Harvest removes most of the trees in an area while retaining seed trees singly or in groups for the purpose of furnishing seed to restock the harvested area. Seed trees may be removed after adequate regeneration is established. Pine Thin Marked to Cut – remove only those trees marked to cut with red paint

## STAND HARVEST PRESCRIPTIONS

<b>Regeneration</b>	Norway Pine will be planted to ensure prompt regeneration along with seed trees left to encourage some natural regeneration. If logging activity occurs during the summer months, scarification of ground should expose some of the mineral layer to promote Red Pine seedling germination.
<b>Soil Types</b>	loamy fine sand
<b>Environmental Impact</b>	Logs, slash, and woody debris larger than 3" will be removed within 3 weeks, or by June 1st if a summer harvest, to limit the chance of bark beetle infestation.
<b>Wildlife</b>	All dead and den trees and snags will be reserved unless they pose a safety hazard.
<b>Visual Sensitivity</b>	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.
<b>Cultural Resources</b>	Database was checked and no resources found.
<b>Natural Heritage</b>	Database was checked and no resources found.

# STAND HARVEST PRESCRIPTIONS

## Harvest Methods

### **Marked to Cut**

Trees to be harvested are marked to cut (Thinning)