

Beltrami County NRM Timber Appraisal

2240 41

Appraised By: Corey Campbell Appraisal Date: 09/25/2024	Sale Type: SEALED BID-REGULAR Auction Date: 12/03/2024 Access: Public Access	Appraisal Number: Thoren Dr Est Thin Page: 1 of 3 Permit Number: 224041 Expiration Date: 12/05/2026
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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>
230011200	12	147	35	31	Lammers	SW 1/4 of SW 1/4
230010000	11	147	35	31	Lammers	SE 1/4 of SE 1/4
230010000	11	147	35	31	Lammers	N 1/2 of SE 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 pulp	200	Cords	\$8.00	\$1,600.00	8" DBH Avg.	30
Bid	Jack Pine pulp	12	Cords	\$8.00	\$96.00		
Non-Bid	Aspen pulp	12	Cords	\$25.00	\$300.00		
AE Non-Bid	Balsam pulp	5	Cords	\$8.00	\$40.00		
AE Non-Bid	Mixed Hardwoods	1	Cords	\$10.00	\$10.00	Oak and birch incidentals	
					\$2,046.00	Subtotal	
Total Cords: 230 Total MBF: 0					\$2,046.00	Total	
					\$306.90	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: Aspen pulp, Jack Pine pulp, Red Pine pulp

Species SAE: Balsam pulp, Mixed Hardwoods

Operability: Firm or frozen	Soil Type: loamy sand
Topography: flat	
Acres: 29.7	

DRAIN

Type: SEALED BID-REGULAR	Acres Cut: 29.70
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Total: 29.70

Harvest Specifications

Access
Sale is public access and located on the north side of Thoren Dr at the intersection with Northwood Rd, in Lammers Township, in sections 11 and 12. Coordinates: -95.077, 47.558
Cutting and Skidding
Sale is a first-entry thinning of red pine, removing approximately 1/3 of the total volume. 3 blocks.
Harvest and Reserves
Blue paint boundary. Reserve all white pine, dead, den trees, and non-hazardous snags.
Landings, Access Roads, and Skid Trails
Forest roads run through or along each block of sale. Use any preexisting skid trails and landings.

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Site, Soil, and Water Protection

No wetlands present within this sale.

Slash Disposal

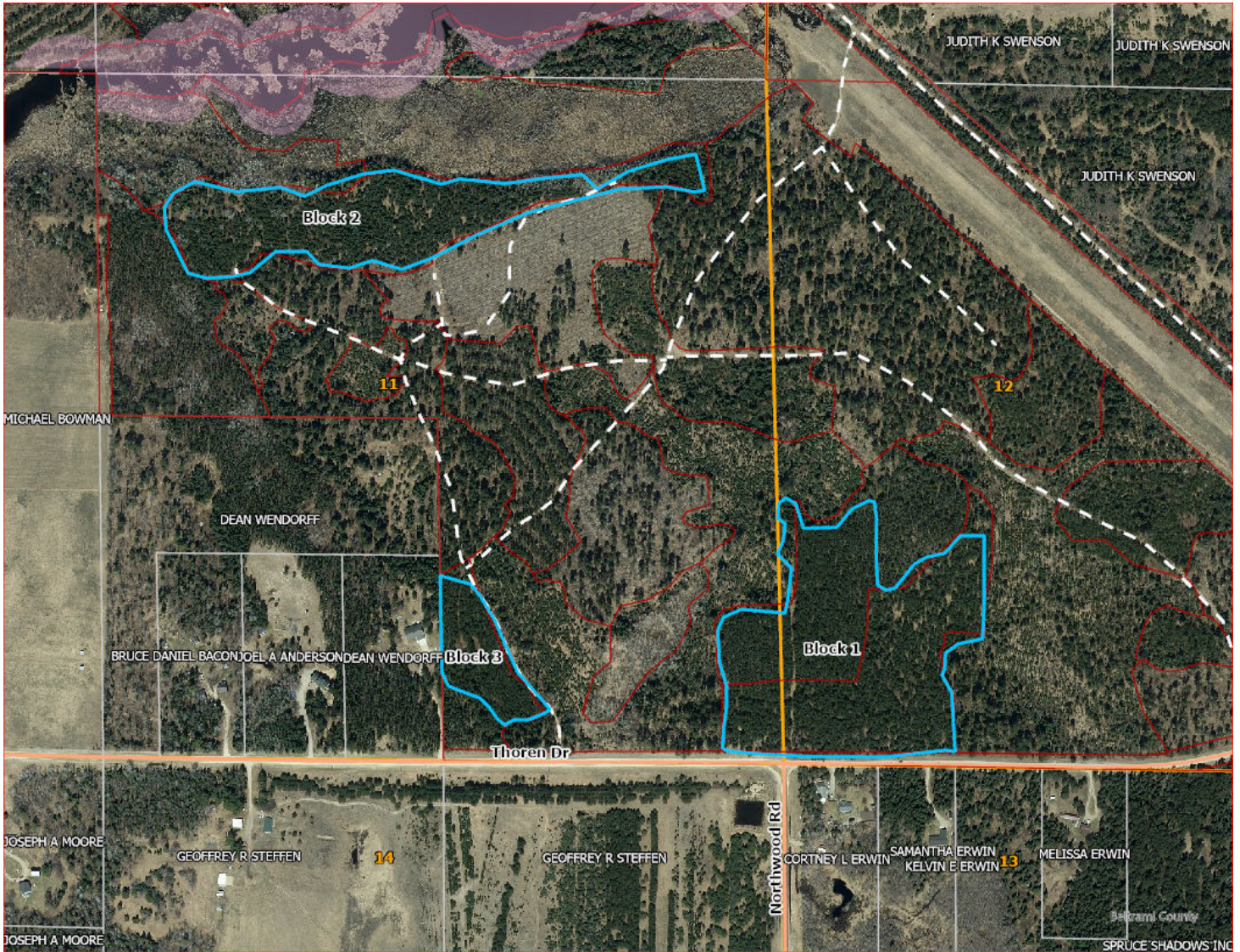
Scatter slash.

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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:	Thoren Dr 1st Thin							
Description:								
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd		
230011200	12	147	35	31	Lammers	SW 1/4 of SW 1/4		
230010000	11	147	35	31	Lammers	SE 1/4 of SE 1/4		
230010000	11	147	35	31	Lammers	N 1/2 of SE 1/4		
Block:	1							
Stand Details								
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc	
12	147	35	52	17	31	FDc24	First Thin	
*NPC	FDc24 - Central Rich Dry Pine Woodland							
No Basal Data								
Current Site Conditions	Current CTYPE is red pine, with SI of 70, and overall BA of 140 sq.ft./ac							
Timber Objectives	Stand is 31 year-old red pine stand with a component of jack pine. Silvicultural objective is a first-entry thinning, removing approximately 1/3 of the total volume.							
Wetlands	No wetlands present within sale.							
Soil Types	Graycalm-Menahga complex, very dark gray loamy sand							
Environmental Impact	Harvest will occur under firm or frozen conditions to minimize impact.							
Visual Sensitivity	Low - visual sensitivity is low, minimize slash close to roadway.							
Natural Heritage	Database was checked and no resources found.							
Cultural Resources	Database was checked and no resources found.							
Block:	2							
Stand Details								
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc	
11	147	35	52	2.7	33	FDc24	First Thin	
*NPC	FDc24 - Central Rich Dry Pine Woodland							
No Basal Data								
Current Site Conditions	Current CTYPE is red pine, with SI of 55, and overall BA of 120 sq.ft./ac							
Timber Objectives	Stand is 29 year-old red pine stand with a component of jack pine. Silvicultural objective is a first-entry thinning, removing approximately 1/3 of the total volume.							
Wetlands	No wetlands present within sale.							
Soil Types	Meehan loamy sand; Graycalm-Menahga complex, very dark gray loamy sand							
Environmental Impact	Harvest will occur under firm or frozen conditions to minimize impact.							
Visual Sensitivity	None							
Natural Heritage	Database was checked and no resources found.							
Cultural Resources	Database was checked and no resources found.							

* Cited from: MNDNR (2003). Field Guide to the Native Plant Communities of Minnesota: the Laurentian Mixed Forest Province. Ecological Land Classification asdfasf

STAND HARVEST PRESCRIPTIONS

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Block:	3						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
11	147	35	52	10	29	FDc24	First Thin
*NPC	FDc24 - Central Rich Dry Pine Woodland						
No Basal Data							
Current Site Conditions	Current CTYPE is red pine, with SI of 53, and overall BA of 120 sq.ft./ac						
Timber Objectives	Stand is 33 year-old red pine stand with a component of jack pine. Silvicultural objective is a first-entry thinning, removing approximately 1/3 of the total volume.						
Soil Types	Graycalm-Menahga complex, very dark gray loamy sand						
Environmental Impact	Harvest will occur under firm or frozen conditions to minimize impact.						
Visual Sensitivity	None						
Natural Heritage	Database was checked and no resources found.						
Cultural Resources	Database was checked and no resources found.						

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Harvest Methods

First Thin

Initial thinning in young Pine (Thinning)