

Beltrami County NRM Timber Appraisal

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Appraised By: Corey Campbell	Sale Type: SEALED BID-REGULAR	Appraisal Number: Rising Loon 1st Thin
Appraisal Date: 04/29/2025	Auction Date: 12/02/2025	Permit Number: 125050
	Access: Public Access	Expiration Date: 12/04/2027

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>
230002800	4	147	35	31	Lammers	NE 1/4 of SE 1/4
230002000	4	147	35	31	Lammers	SW 1/4 of NE 1/4
230001900	3	147	35	31	Lammers	SW 1/4 of SW 1/4
230001900	3	147	35	31	Lammers	NW 1/4 of SE 1/4
230002800	4	147	35	31	Lammers	SE 1/4 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	300	Cords	\$8.00	\$2,400.00	2-5 stick, Avg DBH 9"	40
Bid	Jack Pine pulp	125	Cords	\$8.00	\$1,000.00		
Bid	Aspen pulp	35	Cords	\$25.00	\$875.00		
Non-Bid	Birch pulp	15	Cords	\$10.00	\$150.00		
Non-Bid	Balsam pulp	12	Cords	\$10.00	\$120.00		
AE Non-Bid	Dead Jack Pine	12	Cords	\$4.00	\$48.00		
AE Non-Bid	Mixed Hardwoods	1	Cords	\$10.00	\$10.00	Oak, ash, maple incidentals	
					\$4,603.00	Subtotal	
Total Cords: 500 Total MBF: 0					\$4,603.00	Total	
					\$690.45	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, Balsam pulp, Birch pulp, Jack Pine pulp, Red Pine pulp

Species SAE: Dead Jack Pine, Mixed Hardwoods

Operability:	Firm or frozen ground.	Soil Type:	loamy sand
Topography:	flat		
Acres:	46		

DRAIN

Type:	Acres Cut:
SEALED BID-REGULAR	46.00

Total: 46.00

Harvest Specifications

Access

Sale is located in Sections 3 and 4 of Lammers Township, near Centerline/CSAH 5 and the Fosston Trail SFR. Coordinates: -95.125, 47.580

Cutting and Skidding

First-entry thin in red pine removing 1/3 of the total volume. Block #4 has a small area of jack pine clearcut.

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Harvest and Reserves

Blue paint boundary. Reserve all white pine, small oak species, dead and den trees, and non-hazardous snags.

Landings, Access Roads, and Skid Trails

County forest roads run along/through all sale blocks. Use any preexisting skid trails and landings.

Site, Soil, and Water Protection

Firm or frozen ground operations. RMZ in small portion of Block #4 near Jack Pine Lake.

Slash Disposal

Scatter slash.

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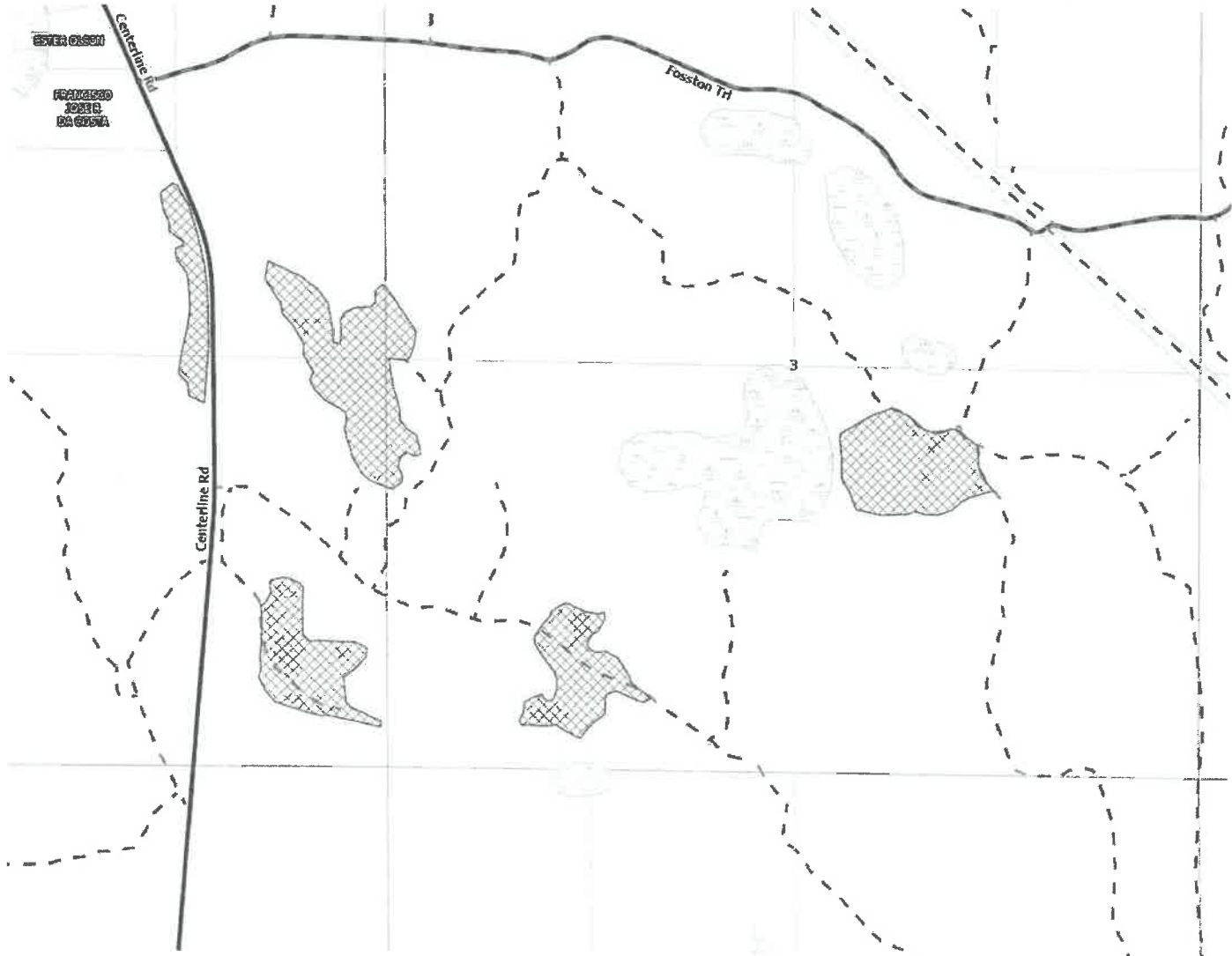
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Site Map:



Appraisal examined and approved by

Corey Campbell
Forester

10/31/25
Date

Appraisal examined and approved by

[Signature]

Land Department

10/31/25
Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Rising Loon 1st Thin						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
230002800	4	147	35	31	Lammers	NE 1/4 of SE 1/4	
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230002800	4	147	35	31	Lammers	SE 1/4 of SE 1/4	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
4	147	35	52	15	32	FDc24	First Thin
*NPC	FDc24 - Central Rich Dry Pine Woodland						
No Basal Data							
Current Site Conditions	Block #1 - Current CTYPE is red pine, with SI of 53, and overall BA of 150 sq.ft./ac Block #2 - Current CTYPE is white spruce, with SI of 53, and overall BA of 150 sq.ft./ac Block #3 - Current CTYPE is red pine, with SI of 60, and overall BA of 150 sq.ft./ac Block #4 - Current CTYPE is jack pine, with SI of 47, and overall BA of 180 sq.ft./ac Block #5 - Current CTYPE is red pine, with SI of 47, and overall BA of 130 sq.ft./ac						
Insect/Disease	Jack pine portion in Block #4 has probably persisted through jack pine budworm outbreaks over the years. There are patches of dead jack pine or small openings where trees have died in the past.						
Timber Objectives	Block #1 - Stand is 32 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. Block #2 - Stand is 32 year-old white spruce stand with a component of balsam fir and quaking aspen. Silvicultural objective is a first-entry thinning, removing approximately 1/3 of the total volume. Block #3 - Stand is 38 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. Block #4 - Stand is 51 year-old jack pine stand with a component of planted red pine in the south end. Silvicultural objective is a clearcut in the patchy, low-density jack pine portion; in the planted red pine silvicultural objective is a first-entry thinning, removing approximately 1/3 of the total volume. Block #5 - Stand is 42 year-old red pine stand. Silvicultural objective is a first-entry thinning, removing approximately 1/3 of the total volume.						
Regeneration	Jack pine portion of stand will be trenched and replanted with a mix of pine species to diversify this historically pure jack pine area.						
Riparian	Small portion of RMZ in Block #4, thinning in red pines will not effect residual basal area requirements.						

STAND HARVEST PRESCRIPTIONS

Wetlands	No wetlands present within sale boundaries.
Environmental Impact	Harvest will occur under firm or frozen conditions to minimize impact.
Soil Types	Graycalm-Menahga Complex - gray loamy sand. Andrusia loamy sand.
Visual Sensitivity	None.
Natural Heritage	Database was checked and no resources found.
Cultural Resources	Database was checked and no resources found.

STAND HARVEST PRESCRIPTIONS

Harvest Methods

Clear Cut w/Reserves

retain marked or designated trees or clumps (Clear Cut)

First Thin

Initial thinning in young Pine (Thinning)