

Beltrami County NRM Timber Appraisal

225007

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Appraised By: Corey Campbell Appraisal Date: 01/23/2025	Sale Type: REGULAR AUCTION SALE Auction Date: 04/03/2025 Access: Public Access	Appraisal Number: Hammer Head Permit Number: 225007 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>
200012100	11	146	35	31	Jones	SE 1/4 of SW 1/4
200012400	11	146	35	31	Jones	SE 1/4 of SE 1/4
200012400	11	146	35	31	Jones	SE 1/4 of 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	Aspen pulp	530	Cords	\$25.00	\$13,250.00	11" avg DBH	
AE Non-Bid	Balsam Pulp & Bolts	285	Cords	\$8.00	\$2,280.00	Includes 10 cords white spruce	
Bid	Red Pine pulp	40	Cords	\$8.00	\$320.00	Includes 1 cord of jack pine	
Non-Bid	Birch Pulp & Bolts	15	Cords	\$10.00	\$150.00		
Non-Bid	Ash pulp	10	Cords	\$10.00	\$100.00		
AE Non-Bid	Dead Jack Pine	25	Cords	\$4.00	\$100.00	Includes 1 cord of tamarack	
					\$16,200.00	Subtotal	
Total Cords: 905 Total MBF: 0					\$16,200.00	Total	
					\$2,430.00	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: Ash pulp, Aspen pulp, Birch Pulp & Bolts, Red Pine pulp

Species SAE: Balsam Pulp & Bolts, Dead Jack Pine

Operability: Firm or frozen ground. Pine thin and aspen along ridges could be done dry firm. **Soil Type:** loamy sand
Topography: flat to slightly rolling
Acres: 40

DRAIN

Type: REGULAR AUCTION SALE **Acres Cut:** 40.00

Total: 40.00

Harvest Specifications

Access
Sale is located along the snowmobile trail, east of Jones Town Hall Rd. in Section 11 of Jones Township. Coordinates: -95.090, 47.470
Cutting and Skidding
Small portion of sale is a first-entry thin in red pine (4 acres) removing approximately 1/3 of the total volume. The rest of the sale consists of a clearcut w/reserves in aspen and balsam fir.
Harvest and Reserves
Blue paint boundary. Reserve all white pine, elm, oak species, dead, den trees, and non-hazardous snags.

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Landings, Access Roads, and Skid Trails

Sale is located along the snowmobile trail. Do not plow trail bare. Existing forest roads and old landings are present. Use any preexisting skid trails and landings.

Site, Soil, and Water Protection

There are numerous small wet areas inside, adjacent to and between harvest areas. Frozen operations preferred, dry firm acceptable, especially in the red pine and aspen along ridge tops.

Slash Disposal

Scatter slash.

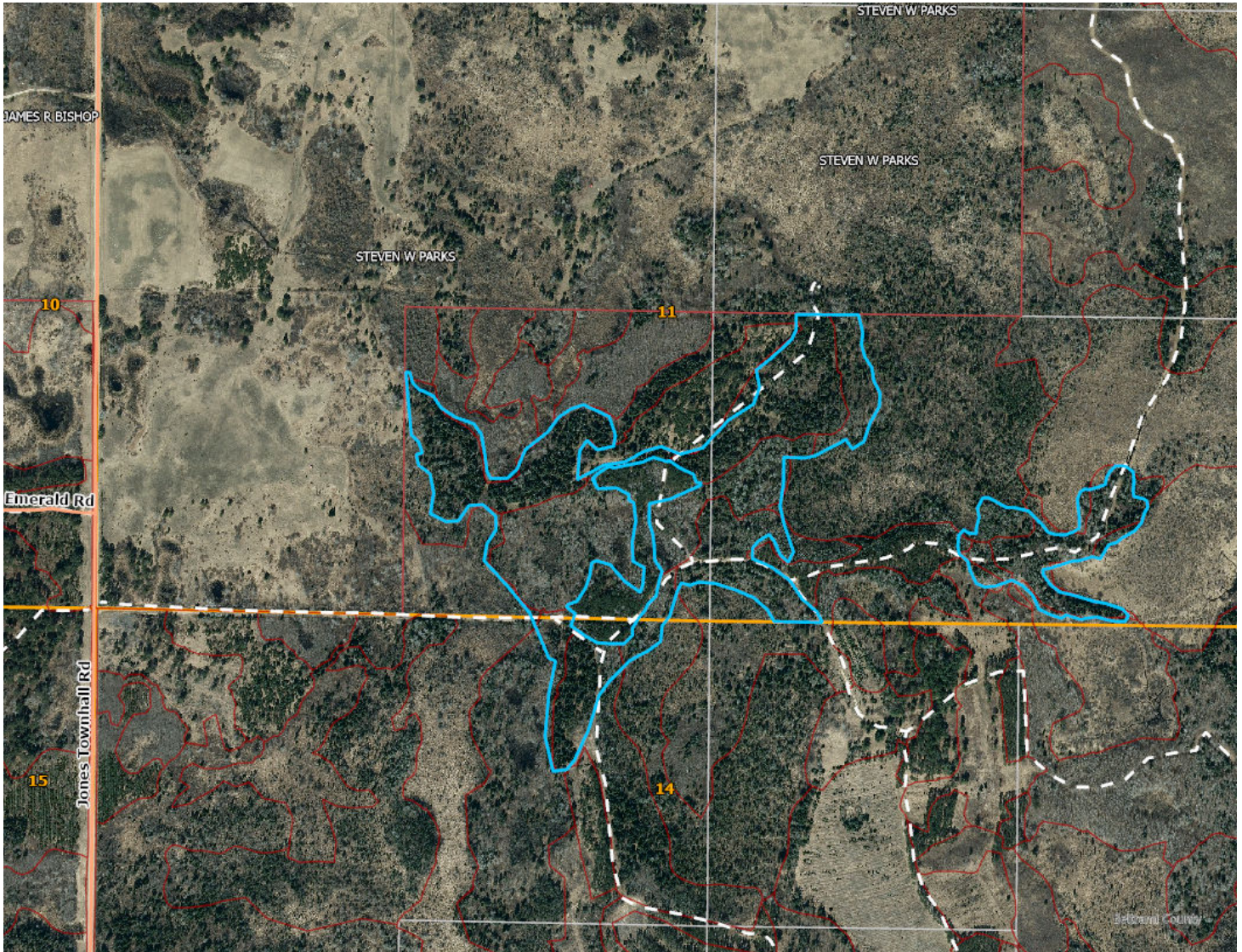
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Site Map:



Appraisal examined and approved by _____

Forester

_____ Date

Appraisal examined and approved by _____

Land Department

_____ Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Hammer Head							
Description:								
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd		
200012100	11	146	35	31	Jones	SE 1/4 of SW 1/4		
200012400	11	146	35	31	Jones	SE 1/4 of SE 1/4		
200012400	11	146	35	31	Jones	SE 1/4 of SW 1/4		
Block:	1							
Stand Details								
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc	
11	146	35	52	4	38	FDc24	First Thin	
*NPC	FDc24 - Central Rich Dry Pine Woodland							
No Basal Data								
Current Site Conditions	Current CTYPE is red pine, with SI 82, and overall BA of 180 sq.ft./ac. with a large component of aspen and balsam fir.							
Timber Objectives	Stand is 39 year-old planted red pine stand. Silvicultural objective is a first-entry thinning, removing approximately 1/3 of the total volume.							
Wetlands	Small, seasonal wetlands around pine thinning are painted out with blue paint. No operations within these areas.							
Soil Types	Epoufette sandy loam							
Environmental Impact	Harvest will occur under firm or frozen conditions to minimize impact.							
Common Animals	The bur oak is being reserved as mast production for wildlife.							
Visual Sensitivity	None							
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	146	35	12	25	69	FDc24	Clear Cut w/Reserves	
*NPC	FDc24 - Central Rich Dry Pine Woodland							
No Basal Data								
Current Site Conditions	Current CTYPE is balsam fir, with SI 55, and overall BA of 125 sq.ft./ac.							
Timber Objectives	Stand is 75 year-old balsam fir with minor components of aspen and ash. This stand is very old and decadent, with a lot of dead and dying balsam fir, and almost all the jack pine present is dead and laying on the ground. Silvicultural objective is to clearcut the site and replant with red or white pine.							
Regeneration	White Pine will be planted to ensure prompt regeneration.							
Wetlands	No wetlands present within block. Stand is on a small ridge, sloping down toward swamp on each side.							
Soil Types	Menahga loamy sand							

STAND HARVEST PRESCRIPTIONS

Environmental Impact	Harvest will occur under firm or frozen conditions to minimize impact.						
Common Animals	The bur oak is being reserved as mast production for wildlife.						
Visual Sensitivity	None						
Natural Heritage	Database was checked and no resources found.						
Cultural Resources	Database was checked and no resources found.						
Block:	3						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
11	146	35	62	11	75	FDc24	Clear Cut w/Reserves
*NPC	FDc24 - Central Rich Dry Pine Woodland						
No Basal Data							
Current Site Conditions	Current CTYPE is aspen, with SI 67, and overall BA of 125 sq.ft./ac.						
Timber Objectives	Stand consists of two very old aspen stands with origin years 1939 and 1946, for a combined average age of approximately 82 years old. Stands are extremely decadent in areas with very large aspen covered in cankers. Stand is low density and many aspen have fallen down, with balsam fir and ash coming up in the understory. Silvicultural objective is to clearcut these, far beyond rotation age, stands and regenerate toward a mixed aspen stand going forward.						
Regeneration	Aspen regeneration will be primary, with some seeding from reserve species and some stump sprouting to add diversity.						
Wetlands	No wetlands present within block. Stand is on a small ridge, sloping down toward swamp on each side. Some portions of aspen stand are in the very low, floodplain type area with mucky soils.						
Soil Types	Menahga loamy sand. Seelyeville muck.						
Environmental Impact	Harvest will occur under firm or frozen conditions to minimize impact.						
Common Animals	The bur oak is being reserved as mast production for wildlife.						
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)