

Beltrami County NRM Timber Appraisal

225014

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Appraised By: Corey Campbell	Sale Type: REGULAR AUCTION SALE	Appraisal Number: Jones Beaver Dam NP
Appraisal Date: 01/13/2025	Auction Date: 04/03/2025	Permit Number: 225014
	Access: Public Access	Expiration Date: 05/01/2028

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>
200013400	12	146	35	31	Jones	SW 1/4 of SW 1/4
200013400	12	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	580	Cords	\$25.00	\$14,500.00		
Bid	Red Pine bolts	200	Cords	\$40.00	\$8,000.00		
Bid	Red Pine pulp	100	Cords	\$8.00	\$800.00		
Bid	Birch Pulp & Bolts	50	Cords	\$10.00	\$500.00		
Non-Bid	Balsam Pulp & Bolts	50	Cords	\$10.00	\$500.00	Includes 5 cords of white spruce	
					\$24,300.00	Subtotal	
Total Cords: 980 Total MBF: 0					\$24,300.00	Total	
					\$3,645.00	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: Aspen pulp, Balsam Pulp & Bolts, Birch Pulp & Bolts, Red Pine bolts, Red Pine pulp

Species SAE:

Operability:	Frozen only winter sale	Soil Type:	Sandy loam
Topography:	flat to slightly rolling		
Acres:	43		

DRAIN

Type:	Acres Cut:
REGULAR AUCTION SALE	43.00

Total: 43.00

Harvest Specifications

<u>Access</u>
Sale is located in section 12 of Jones Township. Access is likely not possible unless frozen. There are three possible access routes. Snowmobile trail running east from Jones Town Hall Rd but would require ¼ mile of road building under well frozen conditions. Beltrami County Easement through Alfred Platt's property off of CSAH 16, also requiring operator to "freeze down" the road, and is only accessible January 1-March 31. Existing forest road network running west and south from Balsam Ridge Rd, starting on the Ottertail Power Easement, and going through MN DNR land in section 12 (permission required). Coordinates: -95.077, 47.473
<u>Cutting and Skidding</u>
Block 1 - cut all red marked trees, harvest all merchantable aspen, balsam fir, and jack pine. Block 2 - harvest all merchantable aspen, balsam fir, and birch. Reserve white pine, oak species, dead, den trees, and non-hazardous snags.

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Harvest and Reserves

Blue paint boundary. Sale consists of two blocks, one red pine and one aspen. Red pine is a marked-to-cut thinning. Aspen is a clearcut with reserves. Reserve white pine, oak species, dead, den trees, and non-hazardous snags.

Landings, Access Roads, and Skid Trails

Existing forest roads and trails run through both blocks. Locate landings on higher ground. Use any preexisting skid trails and landings.

Site, Soil, and Water Protection

Sale is located on small ridges surrounded by many wetlands, beaver ponds, and low lying black spruce/tamarack bog. Small, seasonal wetlands are present in both blocks and painted out (blue), no operations in wetlands. Frozen conditions will protect these features.

Slash Disposal

Scatter slash.

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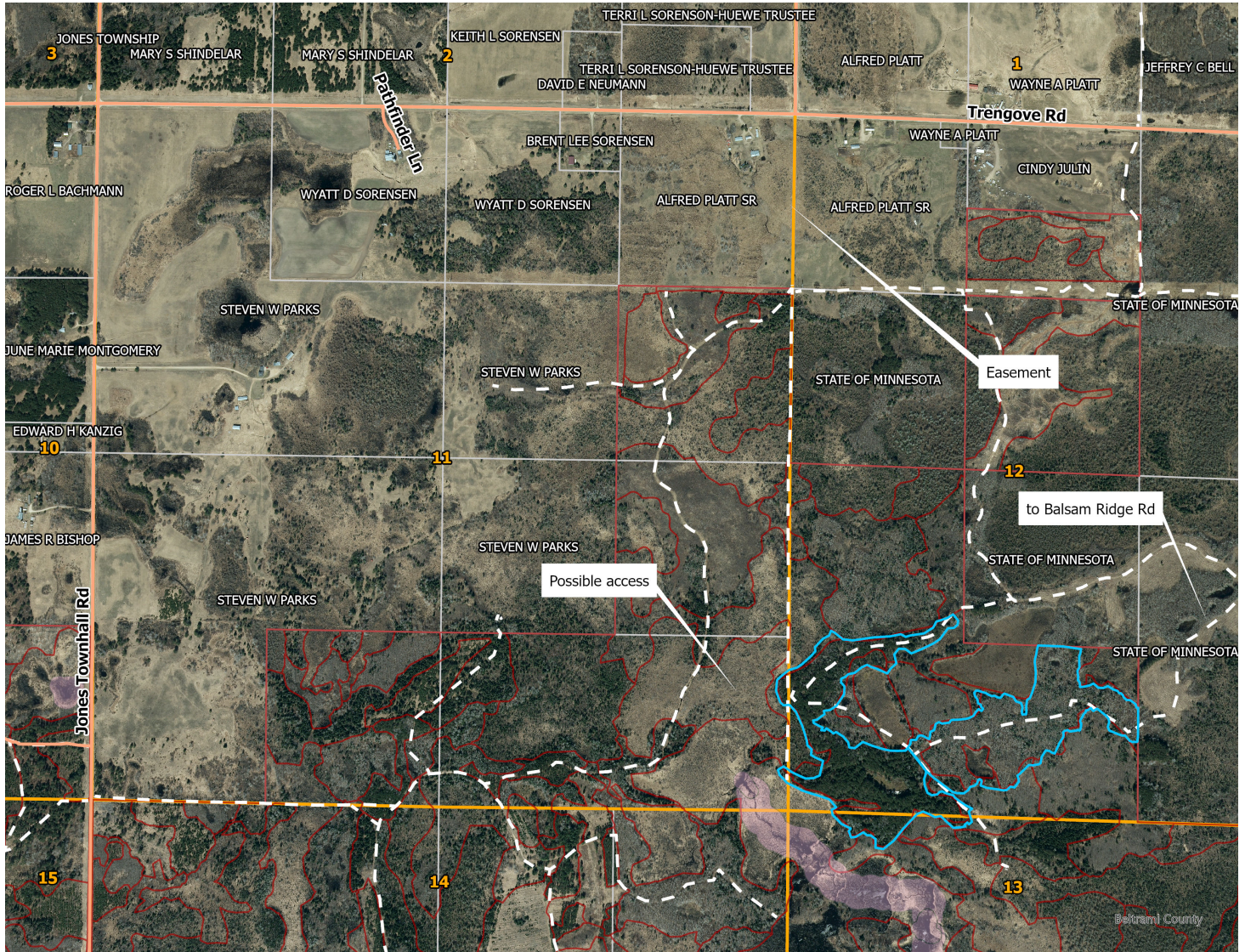
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Site Map:



Appraisal examined and approved by _____

Forester

_____ Date

Appraisal examined and approved by _____

Land Department

_____ Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Jones Beaver Dam NP						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
200013400	12	146	35	31	Jones	SW 1/4 of SW 1/4	
200013400	12	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
12	146	35	12	23	42	MHn35	Clear Cut w/Reserves
12	146	35	52	23	79	FDc24	Intermediate Thin
*NPC	FDc24 - Central Rich Dry Pine Woodland, MHn35 - Northern Mesic Hardwood Forest						

No Basal Data

Current Site Conditions	Current CTYPE is red pine, with SI 65, and overall BA of 140 sq.ft./ac.
Timber Objectives	Stand is 79 year-old red pine with components of aspen and balsam fir. Stand appears to be natural, mature red pine, and was never managed or thinned. Red pine ranges in size from 5" DBH to 30" DBH with many suppressed trees in the understory. Stand is overly dense in some areas, and also seems to be declining in some areas from a combination of bark beetles, drought stress, and old age. Silvicultural objective is to thin the stand down to a 40-50 average basal area, maintaining trees with good live crown ratio.
Wetlands	Wetlands present in and around sale. Winter access will protect wetlands. Smaller wetlands within the sale boundary are painted out, no operations in these areas.
Soil Types	Andrusia loamy sand Balmlake fine sandy loam
Environmental Impact	Harvest will occur under frozen conditions to minimize impact.
Visual Sensitivity	There are no visual concerns for this harvest area.
Natural Heritage	Database was checked and no resources found.
Cultural Resources	Database was checked and no resources found.
Block:	2
Stand Details	
*NPC	

No Basal Data

Current Site Conditions	Current CTYPE is aspen, with SI 75, and overall BA of 120 sq.ft./ac.
Timber Objectives	Stand is 42 year-old aspen with a minor component of balsam fir. Silvicultural objective is to clearcut with reserves of oak species.
Regeneration	Aspen regeneration will be primary, with some seeding from reserve species, and some stump sprouting to add diversity
Wetlands	Small wetland present within the sale and is painted out.
Soil Types	Balmlake fine sandy loam

STAND HARVEST PRESCRIPTIONS

Environmental Impact	Harvest will occur under frozen conditions to minimize impact.
Visual Sensitivity	There are no visual concerns for this harvest area.
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)

Intermediate Thin

Thin as designated (Thinning)