

Beltrami County NRM Timber Appraisal

225044

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Appraised By: Corey Campbell Appraisal Date: 07/25/2025	Sale Type: REGULAR AUCTION SALE Auction Date: 08/04/2025 Access: Public Access	Appraisal Number: BLOWDOWN - Balsam Ridge 40 Permit Number: 225044 Expiration Date: 08/07/2026
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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>
200012700	12	146	35	31	Jones	SE 1/4 of NE 1/4
150016300	7	146	34	31	Grant Valley	NW 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	300	Cords	\$15.00	\$4,500.00	~10% BAM. 2-6 stick, 5-20" DBH	
AE Non-Bid	Mixed Hardwoods	25	Cords	\$5.00	\$125.00	90% ash, small amount of birch	
AE Non-Bid	Balsam Pulp & Bolts	30	Cords	\$5.00	\$150.00	Inlcudes 1 cord of White Spruce	
AE Non-Bid	Tamarack pulp	1	Cords	\$1.00	\$1.00	Incidentals and access to Block #2	
					\$4,776.00	Subtotal	
Total Cords: 356 Total MBF: 0					\$4,776.00	Total	
					\$716.40	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

Species SAE: Balsam Pulp & Bolts, Mixed Hardwoods, Tamarack pulp

Operability:	Frozen only, winter.	Soil Type:	Organic
Topography:	flat		
Acres:	29		

DRAIN

Type:	Acres Cut:
REGULAR AUCTION SALE	29.00

Total: 29.00

Harvest Specifications

<u>Access</u>
Sale area was heavily affected by 6/21/25 blowdown event, 30% volume reduction from original appraisal. Located in Jones township just south of CSAH 16 and east of Balsam Ridge Road. Can be accessed from Balsam Ridge Road in winter with existing forest roads. Private access through Spruce Shadows Inc. property of the end of Shamrock Ct. and Otter Tail Power ROW would be shortest. Coordinates: - 95.057582 47.479676

<u>Cutting and Skidding</u>
Blowdown salvage sale. Cut all broken, bent, and leaning tree species listed on appraisal; cut all standing trees within sale boundary unless otherwise directed by the forester. Diameter limit on Ash, only cut trees >8", leaving approximately half the ash for hydrology. Reserve clumps of non-merchantable ash, birch, and balsam where possible.

<u>Harvest and Reserves</u>
Blue paint boundary. Reserve all pine, oak species, dead, den trees, and non-hazardous snags.

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Landings, Access Roads, and Skid Trails

County forest roads run through each block but will have to be cleared for access in most cases. Use any preexisting skid trails and landings.

Site, Soil, and Water Protection

RMZ in southwest corner along beaver pond, is flagged in pink. Only harvest aspen within RMZ. Block#2 and small portion of old aspen along west edge may require slash mats to access across low areas.

Slash Disposal

Scatter slash.

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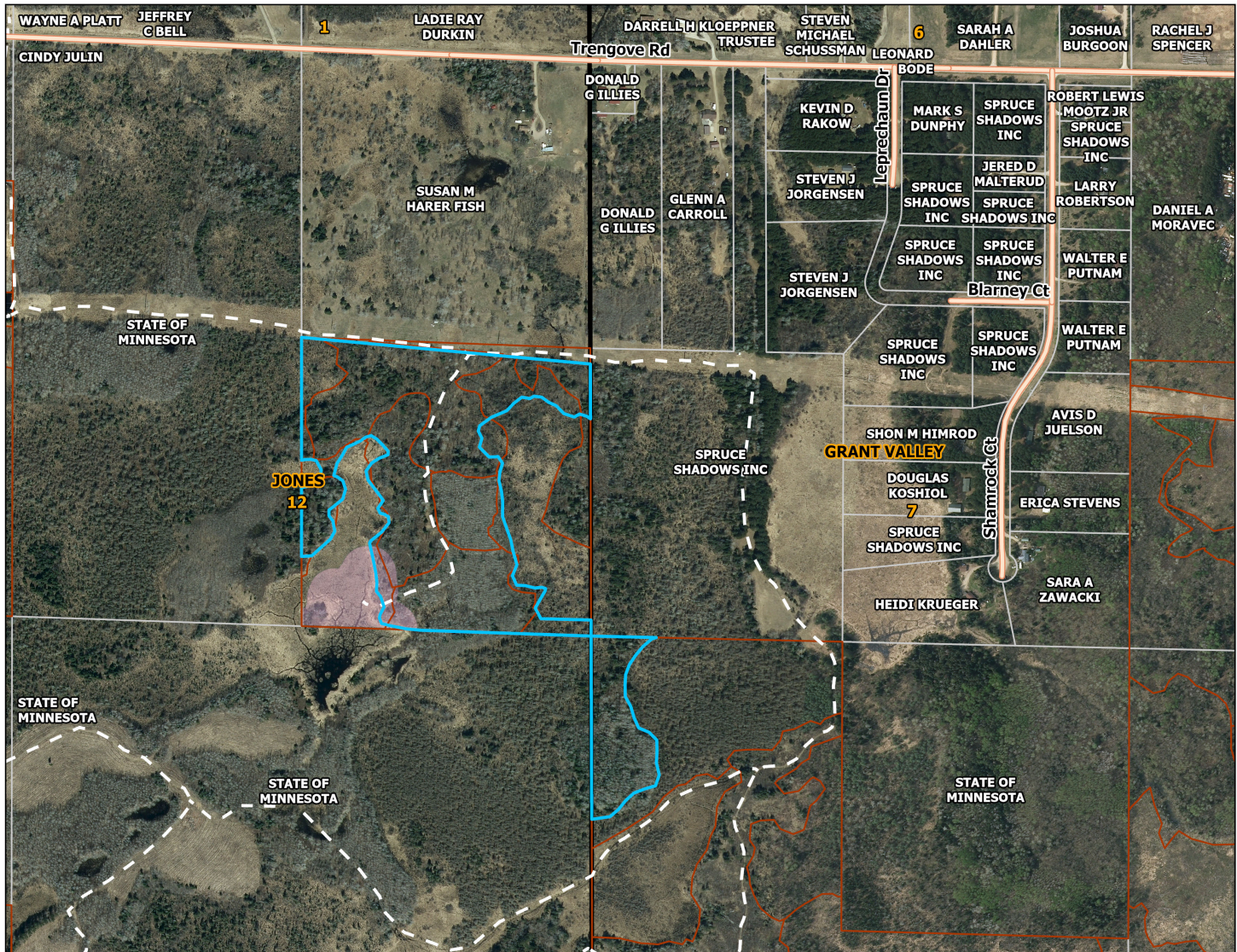
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Site Map:



Appraisal examined and approved by _____

Forester

_____ Date

Appraisal examined and approved by _____

Land Department

_____ Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	BLOWDOWN - Balsam Ridge 40						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
200012700	12	146	35	31	Jones	SE 1/4 of NE 1/4	
150016300	7	146	34	31	Grant Valley	NW 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	25	68	MHn46	Clear Cut w/Reserves
*NPC	MHn46 - Northern Wet-Mesic Hardwood Forest						
No Basal Data							
Current Site Conditions	Severe storm with straight line winds up to 120 mph occurred on 6/21/25 damaging many stands in the area. Approximately half of the stand blew down. Current CTYPE is aspen and balsam poplar, with SI 70, and overall BA of 110 sq.ft./ac. Sale block is composed of smaller stands of aspen and balsam poplar of various age, size, and density with an average age of 64 years. Two large pockets of older aspen have a significant component of balsam fir and consist of large diameter, lower density aspen that has self-thinned or blown down over the years. There is a 6-acre pocket of 49 year-old aspen that is of uniform size and density with some bur oak and ash throughout. Significant amount of elm and ash along the fringe of a wet area containing some older tamarack and black spruce that is mostly dead. Stand does not appear to have been managed recently, other than the small portion of younger aspen, and is suffering from windthrow and natural succession.						
Timber Objectives	Silvicultural objective is a clearcut with reserves. Clearcutting older aspen and balsam fir with reserves of hardwood species should regenerate the site in a more uniform, even-aged manner. Reserving oak species will provide seed source for regeneration and mast for wildlife. Harvest diameter limit on ash and reserving elm will leave residual basal area and prevent swamping or increasing water levels in lower lying area of sale.						
Regeneration	Aspen root suckering will regenerate the stand.						
Riparian	Southwest corner of sale contains and RMZ along beaver flowage is flagged in pink; only harvest aspen within RMZ.						
Wetlands	Sale contains low-lying ash stand that grades west-to east into a wetland, frozen only operations will protect site, blue paint boundary lies at edge of merchantable timber. Small 1-acre stand of old aspen along the extreme western edge of sale is surrounded by low, wet ground. Frozen only conditions should warrant easy access, slash mats should be used to cut and skid adequately.						
Soil Types	Northwood muck, Deerwood muck, Markey muck						
Environmental Impact	Harvest will occur under frozen conditions.						
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

Block:	2						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
7	146	34	12	4	46	WFn64	Clear Cut w/Reserves
*NPC	WFn64 - Northern Very Wet Ash Swamp						
No Basal Data							
Current Site Conditions	Severe storm with straight line winds up to 120 mph occurred on 6/21/25 damaging many stands in the area. Almost all of the entire stand blew down. Current CTYPE is aspen, with SI 80, and overall BA of 110 sq.ft./ac.						
Timber Objectives	Stand is 46 year-old aspen with a component of balsam fir and brich. The silvicultural objective is a clearcut with reserves.						
Regeneration	Aspen root suckering will regenerate the stand.						
Wetlands	No wetlands present within sale boundary but many low-lying wet areas surround the sale.						
Soil Types	Meehan loamy sand, Markey muck						
Environmental Impact	Harvest will occur under frozen conditions.						
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)