

Beltrami County NRM Timber Appraisal

2240 46

Appraised By: Nick Ronning	Sale Type: REGULAR AUCTION SALE	Appraisal Number: Brooks RPA 224046
Appraisal Date: 02/26/2024	Auction Date: 12/05/2024	Permit Number: 224046
	Access: Public Access	Expiration Date: 03/31/2026

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>
440024500	25	149	30	32	Summit	NW1/4

<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	Ash pulp	30	Cords	\$10.00	\$300.00		
Bid	Aspen pulp	1,250	Cords	\$25.00	\$31,250.00	Includes less than 5% Balm of gilead.	
Bid	Balsam pulp	10	Cords	\$10.00	\$100.00		
Bid	Basswood Pulp & Bolts	50	Cords	\$15.00	\$750.00		
Bid	Birch pulp	100	Cords	\$10.00	\$1,000.00	Includes 5 cords of maple.	
					\$33,400.00	Subtotal	
Total Cords: 1,440 Total MBF: 0					\$33,400.00	Total	
					\$5,010.00	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, Balsam pulp, Basswood Pulp & Bolts, Birch pulp
Species SAE:

Operability:	frozen ground only	Soil Type:	fine sandy loam
Topography:	flat to slightly rolling		
Acres:	43.7		

DRAIN	
Type:	Acres Cut:
REGULAR AUCTION SALE	43.70

Total: 43.70

Harvest Specifications

<u>Access</u>
• Latitude/Longitude – Primary access location is Lat. 47.6959N, by Long. 94.4373W.
• Winter Only – All operations limited to winter, frozen ground or sufficient snow cover to protect soil surface.

<u>Cutting and Skidding</u>
• Skid trail out of wetland – Locate all skid trails out of wetland areas
• Stay within Boundaries - Unless approved in advance by the Forester, all harvest activities shall be confined to within the marked boundary. Access roads, skid trails and landing areas proposed for use outside the harvest boundary must be approved prior to use. Failure to comply with these requirements may be subject to a \$100 penalty per incident.
• Stumps – Average stump heights below 12" and as low as possible.

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**2240
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Page: 2 of 3

Appraised By: Nick Ronning	Sale Type: REGULAR AUCTION SALE	Appraisal Number: Brooks Rd Aspen
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	Access: Public Access	Expiration Date: 03/31/2026

Harvest and Reserves

- Boundary Blue Dot/Red Dot – Blue dot boundary interior, red dots near property lines
- Den Trees – Reserve trees with obvious den and cavity usage, even if not marked to leave.
- Leave Trees: White spruce, Oak and Elm.

Landings, Access Roads, and Skid Trails

- Landings Approved – Landing locations must be approved in advance by the Forester. Sale plan includes 2 landings
- A new road will need to be constructed east of Brooks road for 300 feet to access sale area. The new road will need to be closed with rocks or a large amount of slash.
- Skid Trail Rehab. - All skid trails shall be closed by trampling logging slash on the surface. Special attention shall be given to trails approaching draw bottoms, drainage ways, streams, lakes and wetlands to provide surface drainage and erosion protection.

Site, Soil, and Water Protection

- Rutting - Contractor must be prepared to shut down equipment operations or hauling if thawing or wet conditions create the potential for rutting. Failure to comply with this requirement may be subject to a \$100 penalty per occurrence.

Slash Disposal

- Slash Scattered - Lop & scatter within 2 feet of ground and place 3-5 piles 10'x10'x6' for rabbit habitat..

Tree Size, Marketing, and Special Conditions

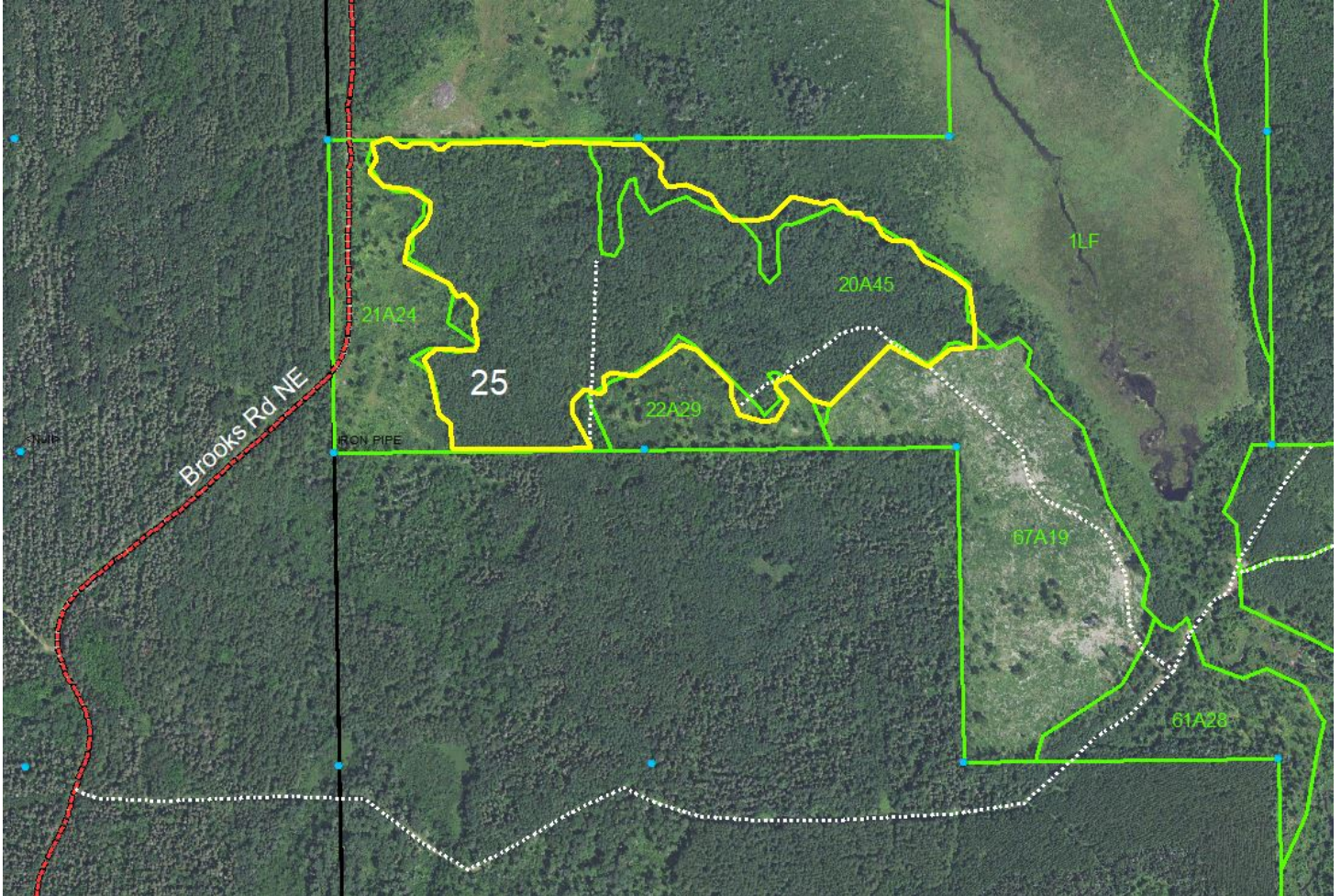
- 4 inch TDIB – Utilize all material from butt to a 4" top diameter inside bark.

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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:	Brooks Rd Aspen						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
440024500	25	149	30	32	Summit	NW1/4	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
25	149	30	12	43.7	54	MHn44	Clear Cut w/Reserves
*NPC	MHn44 - Northern Wet-Mesic Boreal Hardwood-Conifer Forest						
Basal Area Information							
Species Code	Species Name			BA	Res BA		
52	Aspen, Trembling			103	2		
Total BA: 103		Res BA: 2		% BA: 1.94			
Current Site Conditions	Current CTYPE is Aspen, with SI 66, and overall BA of 103 sq.ft./ac.						
Insect/Disease	EAB - harvest to reduce potential of EAB infestation in Ash						
Timber Objectives	Clear Cut with Reserves – Even-aged regeneration with some reserves for stand structure, habitat or natural seeding of some species.						
Regeneration	Aspen regeneration will be primary, with some seeding from reserve species and some stump sprouting to add diversity.						
Riparian	RMZ and Filter Strip excluded from harvest boundary, or protected by sale design.						
Wetlands	type 7 - wooded swamp (hardwood & conifer)						
Soil Types	fine sandy loam						
Environmental Impact	Harvest will occur under frozen conditions to minimize impact.						
Wildlife	All dead and den trees and snags will be reserved unless they pose a safety hazard. Project timing is beneficial to wildlife. The reserved species will serve as a mast production for wildlife.						
Common Animals	Harvest design favors WTD, Grouse, Woodcock and other species which use early successional forest part of the year. The bur oak is being reserved as mast production for wildlife.						
Visual Sensitivity	Low - visual sensitivity is low, minimize slash close to roadway						
Natural Heritage	Species of Concern - from the Natural Heritage Data base are in the area and are protected by project design. All operations limited to the location and timing specified. Goshawk nest have been located on USFS land more then 660 feet from timber sale. Logging activities have been restricted to winter time only to reduce impact.						
Cultural Resources	Database was checked and no resources found.						

STAND HARVEST PRESCRIPTIONS

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Harvest Methods

Clear Cut w/Reserves

retain marked or designated trees or clumps (Clear Cut)