

Beltrami County NRM Timber Appraisal

Appraised By: Nick Ronning Appraisal Date: 12/01/2023	Sale Type: SEALED BID-REGULAR Auction Date: 04/02/2024 Access: Private Access	Appraisal Number: Square Up Permit Number: 224003 Expiration Date: 04/02/2026
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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>	
	7	151	31	36	Cormant	SWNE	
<u>Block 1 Species</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>	<u>Comments</u>	<u>Bolt %</u>	<u>Bid</u>
Aspen pulp	225	Cords	\$20.00	\$4,500.00	Includes all non-reserved timber		+
				\$4,500.00	Subtotal		
Total Cords: 225 Total MBF: 0				\$4,500.00	Total		
				\$675.00	15% Down Payment		

Bid Symbols: ^ = Bid Species; # = Non-Bid Species; + = Sold Area Estimate; * = Sold Area Estimate & Non-Bid Species
All species woodsrun unless listed otherwise.

Species Scaled:

Species SAE: Aspen pulp

Operability: Frozen is best, dry summer might be possible: July 1 - Breakup	Soil Type: loamy Fine Sand
Topography: flat	
Acres: 15	

DRAIN

Type: SEALED BID-REGULAR	Acres Cut: 15.00
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Total: 15.00

Harvest Specifications

Access
Best Access is private. Harvest might be possible late summer/fall if firm and if access is granted. Access was frozen at the time of sale setup, not sure about summer/fall options. Frozen public access is theoretically possible, but it wouldn't be very economical.

Cutting and Skidding
<ul style="list-style-type: none"> • Skid trail out of wetland – Locate all skid trails out of wetland areas, except one crossing where needed to reach timber. Wetland crossings must either be frozen or filled with slash and then slash removed. • 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.

Harvest and Reserves
Blue Paint and natural boundaries. Private Land Adjacent has been cut. Reserve Blue Painted trees, All Oak, Elm, Cedar, + Birch less than 8" DBH. Cut Everything else.

Landings, Access Roads, and Skid Trails
No road building will be needed. Two landings will be permitted.

Permits Required
• Written Permission - Written signed permission from the land owner whose access is being used must be provided prior to auction.

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Appraised By:

Nick Ronning

Appraisal Date:

02/08/2024

Sale Type:

SEALED BID-REGULAR

Auction Date: 04/02/2024

Access: Private Access

Appraisal Number: Square Up

Permit Number:

Expiration Date: 04/02/2026

Site, Soil, and Water Protection

- RMZ General - Wetland and lowland brush areas are excluded from the harvest block. Be sure to minimize scarification in filter strip per BMP guidelines.
- 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.
- Small wetlands –there are numerous small wet areas inside, adjacent to and between harvest areas. Frozen operations preferred, dry firm acceptable, limited use of mats or corduroy must be approved by Forester.
- Soil Protection - Soils are subject to rutting if operated on when wet, stop activity if conditions may lead to rutting, compaction or displacement of soils. Keep BMP applications current to prevent erosion.

Slash Disposal

Lop and scatter slash. Scattered Slash Piles (20'x20'x10') for wildlife are encouraged.

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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	Access: Private Access	Expiration Date: 04/02/2026

Site Map:



Appraisal examined and approved by  Forester 2/13/2024 Date

Appraisal examined and approved by Richard A. Nloou Land Department 2/13/2024 Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Square Up							
Description:								
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd		
	7	151	31	36	Cormant	SWNE		
Block:	1							
Stand Details								
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc	
7	151	31	12	15	48	FDn33	Clear Cut w/Reserves	
*NPC	FDn33 - Northern Dry-Mesic Mixed Woodland							
No Basal Data								
Current Site Conditions	Current CTYPE is Aspen aged 48 years, with SI 53. Sale area has been impacted by wind and a detailed cruise was not feasible. Volume estimate based on recon while running lines, adjacent sales, aerial imagery, and past experience.							
Timber Objectives	Clearcut all non-reserved timber to promote full aspen regeneration.							
Regeneration	Aspen regeneration will be primary, with some seeding from reserve species and some stump sprouting to add diversity							
Riparian	Filter Strips from adjacent wetlands must be protected from scarification. The whole harvest area could be considered a filter strip due to wetlands within and adjacent to harvest area.							
Wetlands	Wetland and lowland brush areas are excluded from the harvest area and skidding. Single track swale crossings will need to be frozen or slashed with slash removed after skidding. Be sure to minimize scarification in filter strip per BMP guidelines.							
Soil Types	loamy fine sand. Dry Summer/Fall after July 1 may be a possibility with private access permission. Frozen best.							
Wildlife	All dead and den trees and snags will be reserved unless they pose a safety hazard. Project spacing of habitat elements is beneficial to wildlife. Project timing is beneficial to wildlife The reserved species will serve as a mast production for wildlife. Slash Piles (20'x20'x10') for small mammals and birds are encouraged.							
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)

Square Up Timber Sale Map

Section 7 - T151 - R31 Cormant Township

