

Beltrami County NRM Timber Appraisal

Appraised By: Marshall Graham Appraisal Date: 12/18/2023	Sale Type: SEALED BID-REGULAR Auction Date: 04/02/2024 Access: Private Access	Appraisal Number: Werner Road Aspen Permit Number: 224001 Expiration Date: 04/02/2026
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Legal Description

RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd		
470054400	30	148	33	31	Turtle Lake	NW of the SE		
Block 1 Species	Volume	Units	Unit Price	Value	Comments	Bolt %	Bid	
Aspen pulp	200	Cords	\$25.00	\$5,000.00			^	
Mixed Hardwoods	13	Cords	\$10.00	\$130.00	Birch = 5 cords, Maple = 3 cords, Red oak = 5 cords.		^	
				\$5,130.00	Subtotal			
Total Cords: 213 Total MBF: 0				\$5,130.00	Total			
				\$769.50	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: Aspen pulp, Mixed Hardwoods

Species SAE:

Operability: firm or frozen	Soil Type: fine sandy loam
Topography: flat to slightly rolling	
Acres: 8.3	

DRAIN

Type: SEALED BID-REGULAR	Acres Cut: 8.30
Total: 8.30	

Harvest Specifications

Access
<ul style="list-style-type: none"> • Firm or Frozen – Operations may be conducted whenever the site is frozen or when dry and firm to prevent site impacts. • Latitude/Longitude – Primary access location is Lat. 47.6035N, by Long. 94.9163W.

Cutting and Skidding
<ul style="list-style-type: none"> • Stumps – Average stump heights below 12" and as low as possible. • 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.

Harvest and Reserves
<ul style="list-style-type: none"> • 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: Burr oak

Landings, Access Roads, and Skid Trails
<ul style="list-style-type: none"> • Landing Approved – Landing location must be approved in advance by the Forester. Sale plan includes 1 landing.

Permits Required
<ul style="list-style-type: none"> • Written Permission to Bid - Written signed permission from a land owner with viable access must be provided to bid on this sale.

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Appraisal Date: 12/18/2023	Auction Date: 04/02/2024	Permit Number:
	Access: Private Access	Expiration Date: 04/02/2026

Site, Soil, and Water Protection

- RMZ General - Wetland and lowland brush areas are either excluded from the harvest block or protected by ERZ within block. Be sure to minimize scarification in filter strip per BMP guidelines.

Slash Disposal

- Slash Scattered - evenly throughout the site.

Tree Size, Marketing, and Special Conditions

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

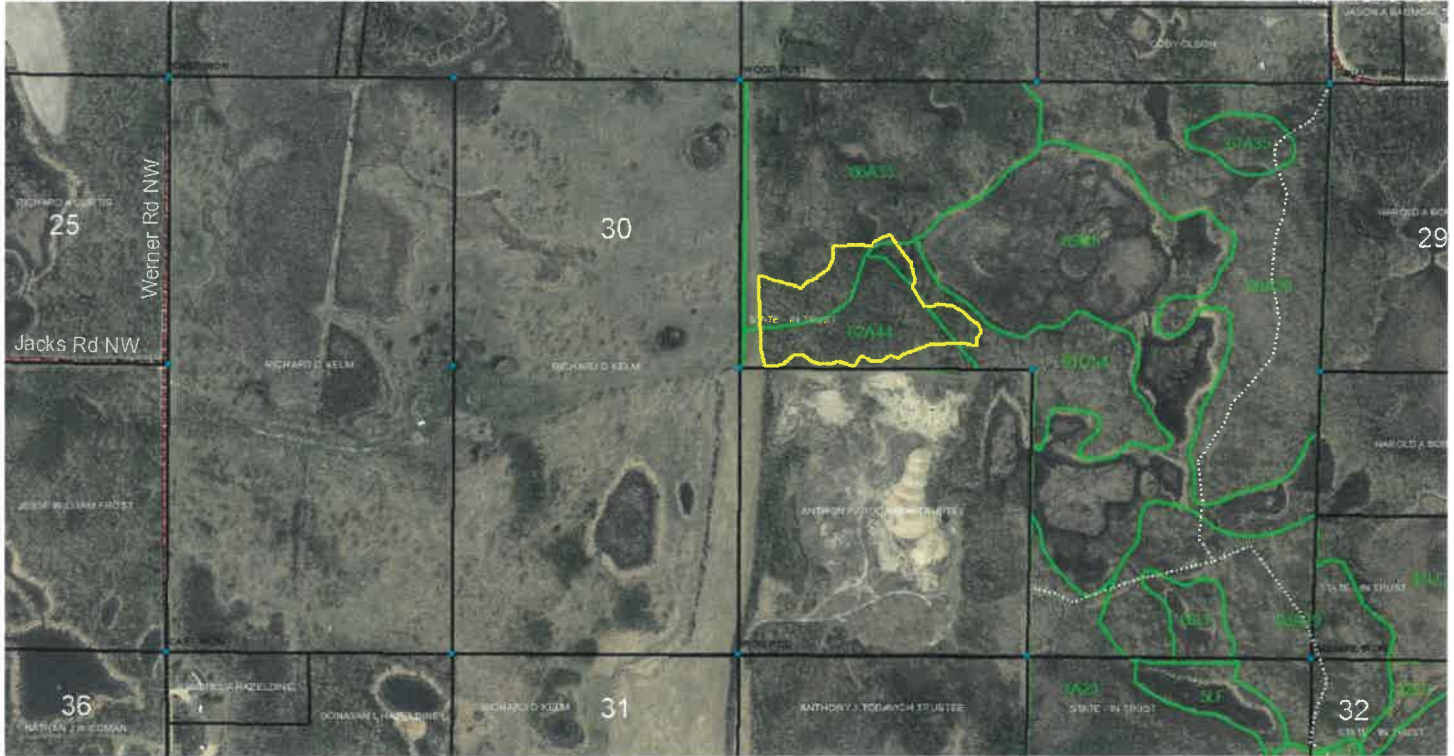
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Marshall Graham
Appraisal Date:
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SEALED BID-REGULAR
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Site Map:



Appraisal examined and approved by

Appraisal examined and approved by

Forester
Richard A. Moore
Land Department

Date
1/19/2024
Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Werner Road Aspen						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
470054400	30	148	33	31	Turtle Lake	NW of the SE	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
30	148	33	12	8.3	49	MHn35	Clear Cut w/Reserves
*NPC	MHn35 - Northern Mesic Hardwood Forest						
Basal Area Information							
Species Code	Species Name		BA	Res BA			
52	Aspen, Trembling		93	7			
Total BA: 93			Res BA: 7		% BA: 7.53		
Current Site Conditions	Current CTYPE is Aspen, with SI 74, and overall BA of 93 sq.ft./ac.						
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.						
Wetlands	Wetland and lowland brush areas are either excluded from the harvest block or protected by ERZ within block. Be sure to minimize scarification in filter strip per BMP guidelines.						
Soil Types	fine sandy loam						
Wildlife	All dead and den trees and snags will be reserved unless they pose a safety hazard. 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	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)