

# Beltrami County NRM Timber Appraisal

<b>Appraised By:</b> Marshall Graham	<b>Sale Type:</b> REGULAR AUCTION SALE	<b>Appraisal Number:</b> Parkers Lake Aspen
<b>Appraisal Date:</b> 11/15/2023	<b>Auction Date:</b> 04/04/2024	<b>Permit Number:</b> 224013
	<b>Access:</b> Public Access	<b>Expiration Date:</b> 04/04/2026

**Legal Description**

RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd		
480036200	22	147	32	31	Turtle River	N1/2 SE1/4		
Block 1 Species	Volume	Units	Unit Price	Value	Comments	Bolt %	Bid	
Aspen pulp	500	Cords	\$25.00	\$12,500.00				^
Basswood Pulp & Bolts	50	Cords	\$12.00	\$600.00				^
Mixed Hardwoods	100	Cords	\$10.00	\$1,000.00	Includes 50 cords of maple, 25 cords of birch and 25 cords of ash.			^
Jack Pine Pulp & Bolts	1	Cords	\$10.00	\$10.00	Includes dead JP			^
				\$14,110.00	<b>Subtotal</b>			
<b>Total Cords: 651 Total MBF: 0</b>				\$14,110.00	<b>Total</b>			
				\$2,116.50	<b>15% Down Payment</b>			

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, Basswood Pulp & Bolts, Jack Pine Pulp & Bolts, Mixed Hardwoods  
**Species SAE:**

<b>Operability:</b>	Firm or Frozen	<b>Soil Type:</b>	loamy sand
<b>Topography:</b>	rolling		
<b>Acres:</b>	21		

**DRAIN**

<b>Type:</b> REGULAR AUCTION SALE	<b>Acres Cut:</b> 21.00
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Total: 21.00

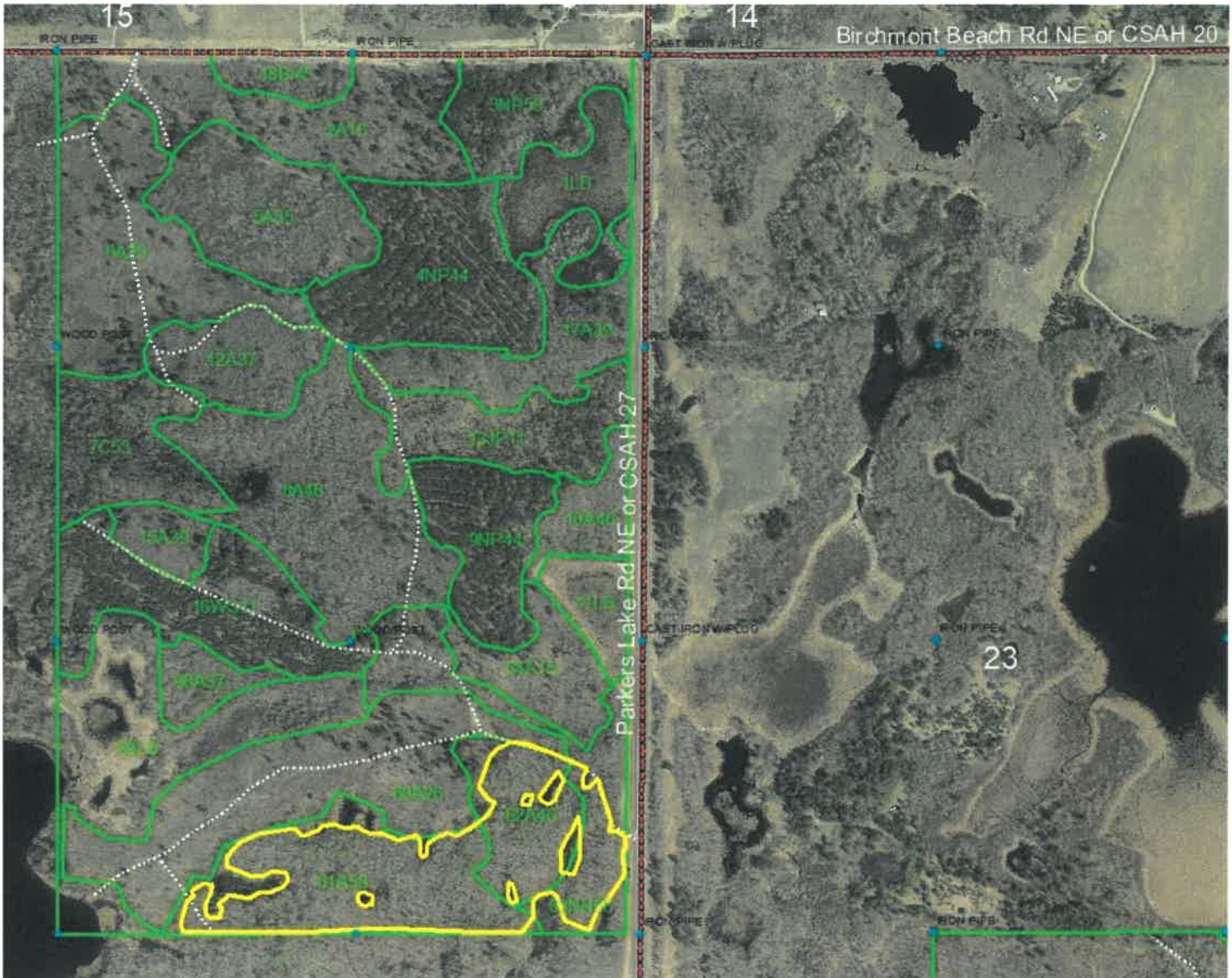
**Harvest Specifications**

Access
<ul style="list-style-type: none"> <li>• Firm or Frozen – Operations may be conducted whenever the site is frozen or when dry and firm to prevent site impacts.</li> <li>• Latitude/Longitude – Primary access location is Lat. 47.53133N, by Long. 94.71483W.</li> </ul>
Cutting and Skidding
<ul style="list-style-type: none"> <li>• Stay within Boundaries - Unless approved in advance by the Forester, all harvest activities shall be confined to within the marked boundary.</li> <li>• Stumps – Average stump heights below 12" and as low as possible.</li> </ul>
Harvest and Reserves
<ul style="list-style-type: none"> <li>• Boundary Blue Dot/Red Dot – Blue dot boundary interior, red dots near property lines</li> <li>• Den Trees – Reserve trees with obvious den and cavity usage, even if not marked to leave.</li> <li>• Leave Trees: Oak, Red &amp; White pine.</li> </ul>

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**Site Map:**



Appraisal examined and approved by	 _____ Forester	11-15-23 _____ Date
Appraisal examined and approved by	 _____ Land Department	1/19/2024 _____ Date

## STAND HARVEST PRESCRIPTIONS

<b>Timber Sale Name:</b>	Parkers Lake Aspen						
<b>Description:</b>							
<b>RE Code</b>	<b>Sec.</b>	<b>Twp.</b>	<b>Rge.</b>	<b>School</b>	<b>City/Twp</b>	<b>Subd</b>	
480036200	22	147	32	31	Turtle River	N1/2 SE1/4	
<b>Block:</b>	1						
<b>Stand Details</b>							
<b>Section</b>	<b>Township</b>	<b>Range</b>	<b>Timber Type</b>	<b>Acres</b>	<b>Stand Age</b>	<b>NPC</b>	<b>Harv Meth Desc</b>
22	147	32	12	21	57	MHn44	Clear Cut w/Reserves
<b>*NPC</b>	MHn44 - Northern Wet-Mesic Boreal Hardwood-Conifer Forest						
<b>Basal Area Information</b>							
<b>Species Code</b>	<b>Species Name</b>			<b>BA</b>	<b>Res BA</b>		
52	Aspen, Trembling			111	11		
<b>Total BA: 111</b>		<b>Res BA: 11</b>		<b>% BA: 9.91</b>			
<b>Current Site Conditions</b>	Current CTYPE is Aspen, with SI 67, and overall BA of 111 sq.ft./ac.						
<b>Timber Objectives</b>	Clear Cut with Reserves – Even-aged regeneration with some reserves for stand structure, habitat or natural seeding of some species.						
<b>Regeneration</b>	Aspen regeneration will be primary, with some seeding from reserve species and some stump sprouting to add diversity						
<b>Riparian</b>	RMZ and Filter Strip excluded from harvest boundary, or protected by sale design.						
<b>Wetlands</b>	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.						
<b>Soil Types</b>	loamy sand						
<b>Wildlife</b>	The reserved species will serve as a mast production for wildlife. All dead and den trees and snags will be reserved unless they pose a safety hazard.						
<b>Common Animals</b>	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.						
<b>Visual Sensitivity</b>	Medium - Visual ranking is moderate on this site, Visual quality protected by a combination of buffers, landing placement, harvest design (leave trees or harvest shape), slash disposal limit near roads, etc.						
<b>Natural Heritage</b>	Database was checked and no resources found.						
<b>Cultural Resources</b>	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)