

Beltrami County NRM Timber Appraisal

Appraised By: Garret DeChaine	Sale Type: REGULAR AUCTION SALE	Appraisal Number: Erick Lake and Preservation Blocks
Appraisal Date: 04/04/2024	Auction Date: 04/04/2024	Permit Number: 224012
	Access: Public Access	Expiration Date: 11/04/2026

Legal Description

RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd
	6	148	34	31	Liberty	SW
	7	148	34	31	Liberty	NW
	18	148	34	31	Liberty	NW,NE,SW

Block 1 Species	Volume	Units	Unit Price	Value	Comments	Bolt %	Bid
Red Pine bolts	650	Cords	\$40.00	\$26,000.00	20"-22" Average DBH 8+ Sticks		^
Red Pine pulp	70	Cords	\$8.00	\$560.00			^
Aspen pulp	340	Cords	\$24.00	\$8,160.00			^
Basswood Pulp & Bolts	80	Cords	\$8.00	\$640.00			+
Balsam pulp	80	Cords	\$8.00	\$640.00			*
White Spruce Pulp & Bolts	65	Cords	\$20.00	\$1,300.00			^
Mixed Hardwoods	155	Cords	\$8.00	\$1,240.00	Birch 120 cords, Maple 20 cords, Oak 15 cords		+
Jack Pine Pulp & Bolts	15	Cords	\$40.00	\$600.00			^
Ash pulp	15	Cords	\$8.00	\$120.00			*
Dead Jack Pine	5	Cords	\$8.00	\$40.00			*

\$39,300.00 **Subtotal**

Total Cords: 1,475 Total MBF: 0

\$39,300.00 **Total**

\$5,895.00 **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: Aspen pulp, Jack Pine Pulp & Bolts, Red Pine bolts, Red Pine pulp, White Spruce Pulp & Bolts

Species SAE: Ash pulp, Balsam pulp, Basswood Pulp & Bolts, Dead Jack Pine, Mixed Hardwoods

Operability: Firm or Frozen

Soil Type: fine sandy loam, organic

Topography: rolling

Acres: 81

DRAIN

Type:
REGULAR AUCTION SALE

Acres Cut:
81.00

Total: 81.00

Harvest Specifications

Access

Sale consists of two main harvest block areas, with 8 cutting units combined within. Erick Lake Road and Preservation Road are main harvest blocks.

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Harvest and Reserves

Blue paint boundary. Sale has eight cutting units within two main blocks. Erick Lake block has 3 cutting units. Cut only red marked pine; reserve unmarked pine, oak, birch, maple, and ash less than 8" DBH, reserve white spruce clumps less than 3 sticks. Preservation road block has 5 cutting units. Cut red marked pine in small thinning units. Clearcut pure pine stands along Preservation Road (blue & red boundary). Reserve blue flagged birch, & birch under 6", pine, oak, and blue flagged reserve area in north unit along Preservation Rd.

Landings, Access Roads, and Skid Trails

Landing locations and required road improvements discussed at pre-work. If harvest occurs during unfrozen conditions preexisting woods roads will require dozer work and application and spreading of county provided road material to make haulable. Erick Lake Access Road may also need spot graveling. Woods road from Erick Lake Road to northern harvest unit will need material and shaping, large wet hole in woods road on south side of northern unit may require rock to firm up. Woods road from Erick Lake Road to Preservation Road (1.75 miles) will also require material and shaping to make suitable for hauling. NRM will pay for up to 1,000 yards of road material.

Other Remarks

County provided gravel will be tracked by applicator and forester at end of each hauling week. A running gravel tally will be kept and compared with all gravel invoices submitted to NRM.

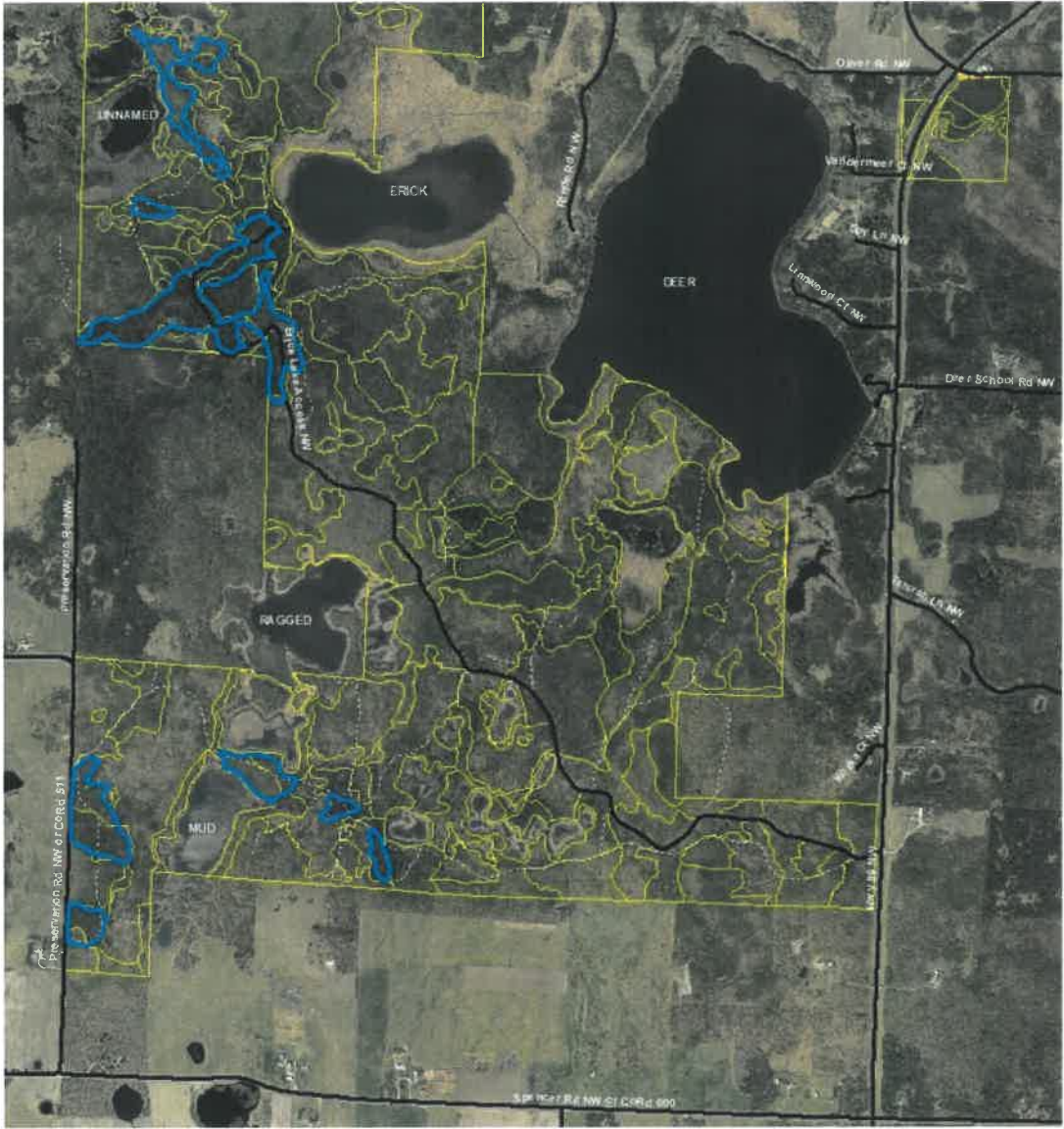
Slash Disposal

Scatter slash. Some pine slash may be tightly piled in landing or at edge of sale for burning, to facilitate future plantation preparation.

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Site Map:



Appraisal examined and approved by

John DeDea

Forester

2/27/24

Date

Appraisal examined and approved by

Richard A. Moore

Land Department

2/27/2024

Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Erick Lake and Preservation Blocks						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
	6	148	34	31	Liberty	SW	
	7	148	34	31	Liberty	NW	
	18	148	34	31	Liberty	NW,NE,SW	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
6	148	34	52	14	110	MHn44	Clear Cut w/Reserves
7	148	34	52	38	110	MHn44	Clear Cut w/Reserves
18	148	34	52	29	110	MHn44	Clear Cut w/Reserves
*NPC	MHn44 - Northern Wet-Mesic Boreal Hardwood-Conifer Forest						
No Basal Data							
Current Site Conditions	Variable.						
Insect/Disease	Follow attached bark beetle restrictions.						
Timber Objectives	Harvest to promote natural regeneration as well as prepare for pine plantation establishment and underplanting.						
Wetlands	All blocks abutting wetlands have a residual tree retention of 60 BA per acre.						
Cultural Resources	Database was checked and no resources found.						
Regeneration	Combination of natural as well as plantings.						
Visual Sensitivity	Low - visual sensitivity is low, minimize slash close to roadway						
Natural Heritage	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)

Prevention Techniques for Bark Beetles

Applies to thinning, road building, or construction operations and blow-down in pine stands and plantations during any time of year:

- Avoid wounding the living, residual pines.
- Slash smaller than 2-3 inches in diameter can be left in the stand if scattered and not piled. Do not lop off the green branches.

Safest and easiest

If cutting occurs from September 1 to November 30:

May leave slash on site

**Risky for bark
beetles and blue
staining of cut
products**

If cutting occurs from December 1 to May 31

All cut pine material > 3 inches and pine logs must be removed or destroyed before ***June 1***.

Very risky

If cutting occurs from June 1 to August 31

All cut pine material > 3 inches and pine logs must be removed or destroyed ***within 3 weeks*** of being created.