

Beltrami County NRM Timber Appraisal

225015

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Appraised By: Nick Ronning Appraisal Date: 01/27/2025	Sale Type: REGULAR AUCTION SALE Auction Date: 04/03/2025 Access: Public Access	Appraisal Number: Peterson LK RD Permit Number: 225015 Expiration Date: 04/10/2027
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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>
	26	148	32	31	Port Hope	NW 1/4 SW 1/4

<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	Aspen pulp	640	Cords	\$25.00	\$16,000.00	Includes incidental Balm	
Non-Bid	Basswood Pulp & Bolts	40	Cords	\$10.00	\$400.00		
Non-Bid	Balsam Pulp & Bolts	40	Cords	\$10.00	\$400.00		
Non-Bid	Birch pulp	50	Cords	\$10.00	\$500.00		
Non-Bid	Ash pulp	5	Cords	\$10.00	\$50.00		
Non-Bid	White Spruce pulp	15	Cords	\$10.00	\$150.00		

	\$17,500.00	Subtotal
Total Cords: 790 Total MBF: 0	\$17,500.00	Total
	\$2,625.00	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 & Bolts, Basswood Pulp & Bolts, Birch pulp, White Spruce pulp
Species SAE:

Operability: Dry and firm or Frozen.: July 15 - Spring Breakup **Soil Type:** fine sandy loam, muck
Topography: flat to slightly rolling
Acres: 33

DRAIN

Type: REGULAR AUCTION SALE **Acres Cut:** 33.00

Total: 33.00

Harvest Specifications

<u>Access</u>
<ul style="list-style-type: none"> • Firm or Frozen – Operations may be conducted whenever the site is frozen or after July 15, when dry and firm to prevent site impacts. • Latitude/Longitude – Primary access location is 1.4 mile up Peterson Lake Road from County Road 22, Lat. 47.602N, by Long. 94.714W.

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Cutting and Skidding
<ul style="list-style-type: none">• Logging Damage - Logging damage is injury to 30% or more of the crown; or bark damage exposing cambium of 50 sq.in. or more; or damage causing lean of more than 5 degrees from original. Damage to reserve trees, as identified on the Appraisal form, may be subject to a \$25/tree penalty• Progressive Skidding Pattern – On summer Aspen harvest, use a progressive skidding pattern across blocks to avoid damage to aspen regeneration which happens when re-skidding through an area.• Stay within Boundaries - Sale is surrounded by Private and DNR land. Failure may be subject to a \$100 penalty per incident.• Stumps – Average stump heights below 12" and as low as possible.

Harvest and Reserves
<ul style="list-style-type: none">• Boundaries in Blue Paint• ERZ – interior wetland areas are marked with horizontal blue paint, no equipment or slash placement in the ERZ• Leave Trees: All Blue Painted Trees, Oak, Cedar, Good Quality Hard Maple between 8-14" DBH, Birch < 8" DBH

Landings, Access Roads, and Skid Trails
<ul style="list-style-type: none">• Landings Approved – Landing locations must be approved in advance by the Forester. Sale plan includes 2 landings• Roads stay open - Sale is mostly accessible via existing road system. Roads to remain open and in pre-existing or better condition with BMP drainage after use. Any temporary trail or spur will be closed.

Other Remarks
Peterson Lake Road is a Minimum Maintenance Township Road. County will provide up to 75 yards of material for road improvements. Township Road must be left as good or better than before Sale.

Site, Soil, and Water Protection
<ul style="list-style-type: none">• Intermittent streams – small intermittent streams less than 3' wide are in the project area. Crossings may be frozen or dry and firm. Slash, mats or corduroy must be approved by Forester. Use must not damage bed, banks or flow cross sections.• 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.• 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 most slash to within 2 feet of ground. Scattered Slash Piles for wildlife are encouraged.

Tree Size, Marketing, and Special Conditions
<ul style="list-style-type: none">• 4 inch TDIB – Utilize all material from butt to a 4" top diameter inside bark.• No excess culling – Cutting long Butts or oversize tops to produce higher quality product must be done to retain marketable lengths of lower value pulp or firewood. Culling which leaves excessive amounts of wood in unmarketable lengths may be subject to a \$10.00 per piece penalty, unless the material is loaded and hauled off site based upon an estimated cord volume.• Private Wood – There is a strip of private wood along part of the sale boundary that is NOT part of this sale. If the landowner sells this wood to you, to comply with Chain of Custody requirements of our certifying organization, the private wood must not be mixed or hauled with the County wood.

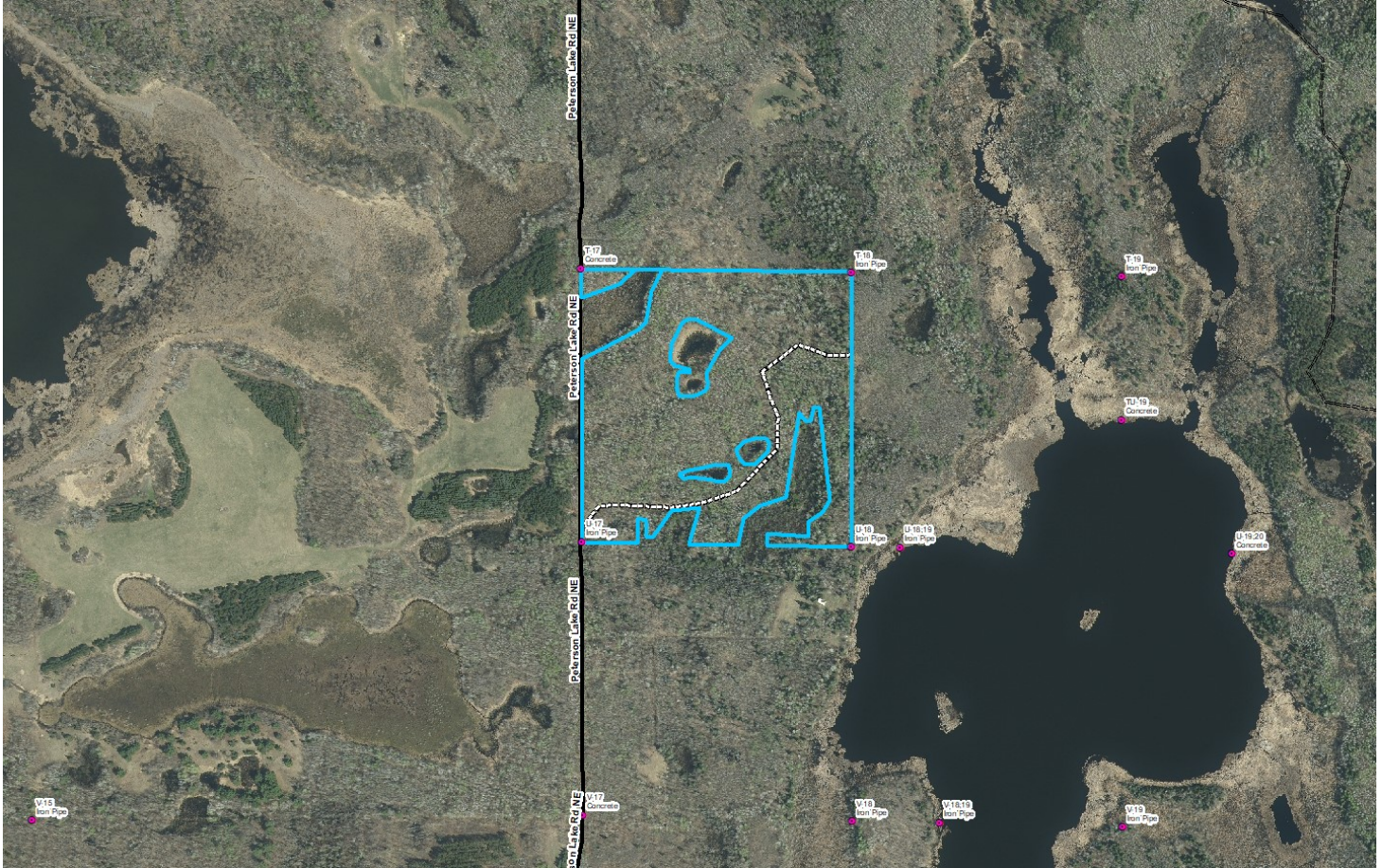
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Site Map:



Appraisal examined and approved by _____

Forester

_____ Date

Appraisal examined and approved by _____

Land Department

_____ Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Peterson LK RD							
Description:								
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd		
	26	148	32	31	Port Hope	NW 1/4 SW 1/4		
Block:	1							
Stand Details								
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc	
26	148	32	12	33	56	MHn35	Clear Cut w/Reserves	
*NPC	MHn35 - Northern Mesic Hardwood Forest							
No Basal Data								
Current Site Conditions	Current CTYPE is Aspen, with SI 62, and overall BA of _____sq.ft./ac. Sale consists of two stands, 56 years old and 49 years old. The older part of the sale has lost some volume to blow down.							
Timber Objectives	Clear Cut with Reserves – Even-aged regeneration with some reserves for stand structure, habitat or natural seeding of some species.							
Regeneration	All cut species should regenerate naturally. Aspen regeneration will be primary, with some seeding from reserve species and some stump sprouting to add diversity							
Riparian	ERZ - no equipment operations, tree cutting or slash disposal allowed in the marked ERZ Filter Strips from adjacent wetlands must be protected from scarification							
Wetlands	type 6 - shrub swamp type 7 - wooded swamp (hardwood & conifer)							
Soil Types	High Ground is Fine Sandy Loam and subject to rutting/compaction/damage when wet. Operations must stop before damage occurs. Low Ground is Muck. Do not operate in wetland soils.							
Wildlife	All dead and den trees and snags will be reserved unless they pose a safety hazard. Project has specific design to favor Early Successional Forest species. Project spacing of habitat elements is beneficial to wildlife. Project timing is beneficial to wildlife Reserve clumps - Reserve clumps are maintained at the edge of the stand for habitat connectivity & to help them be wind firm The balsam fir and other understory conifer are being reserved for cover. The reserved species will serve as a mast production for wildlife. Scattered slash piles for wildlife are beneficial, approx size 20'x20'x10'							
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)