

Beltrami County NRM
Timber Appraisal

225024

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Appraised By: Nick Ronning	Sale Type: REGULAR AUCTION SALE	Appraisal Number: Gull Lake
Appraisal Date: 06/02/2025	Auction Date: 08/07/2025	Permit Number: 225024
	Access: Public Access	Expiration Date: 08/07/2028

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>
	10	148	32	32	Port Hope	SE 1/4 NE 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	390	Cords	\$25.00	\$9,750.00	Includes Balm	
Non-Bid	Ash pulp	100	Cords	\$10.00	\$1,000.00		
Non-Bid	Balsam pulp	5	Cords	\$10.00	\$50.00	Includes incidental Spruce	
Non-Bid	Mixed Hardwoods	25	Cords	\$10.00	\$250.00	Birch, Basswood, Red Maple	
					\$11,050.00	Subtotal	
Total Cords: 520 Total MBF: 0					\$11,050.00	Total	
					\$1,657.50	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, Mixed Hardwoods

Species SAE:

Operability:	Must be frozen, may require tramping trails prior to opening sale: Dec 1 - Spring Breakup	Soil Type:	loam and muck
Topography:	rolling		
Acres:	23		

DRAIN

Type:	Acres Cut:
REGULAR AUCTION SALE	23.00

Total: 23.00

Harvest Specifications

Access
• Winter Only – Sale will require frozen ground for completion. Must cut ash, aspen, balm out of low areas. Must also cross swamp to reach island of high ground.
• Latitude/Longitude – Primary access location is Lat. 47.656N, by Long. 94.717W.

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Cutting and Skidding

- 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
- Reserve tree cutting penalty - Cutting any marked or designated leave tree without pre-approval by the Forester may be subject to a \$50.00/tree penalty. On area estimate sales, reserve trees approved for cutting by the Forester must be measured or field scaled for billing at contract rates.
- Skid Trail percent limits – Keep primary and secondary skid trails to <10-15% of timber harvest.
- 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

- Boundary Blue Paint and Naural. Do not cut painted trees.
- Leave Trees: Reserve and don't damage: all Oak, Cedar, Elm. Reserve Small Birch and Basswood.
- Den Trees – Reserve trees with obvious den and cavity usage, even if not marked to leave.

Landings, Access Roads, and Skid Trails

- Landings Approved – Landing locations must be approved in advance by the Forester. Sale plan includes 2 landings

Other Remarks

DNR will work with the logger to develop access off S. Gull Lake Road. Private access may be easier. DNR will be looking at their land for a timber sale this fall/winter.

Permits Required

- Other Agency Access – Sale access uses a road across MNDNR. Permission for road use is not required to bid, but must be approved by the other agency before operations begin. Their road use requirement must be followed.

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.
- 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.

Slash Disposal

- Slash Scattered - Lop and Scatter all slash to within 2 feet of ground unless making scattered slash piles for wildlife.

Tree Size, Marketing, and Special Conditions

- 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.

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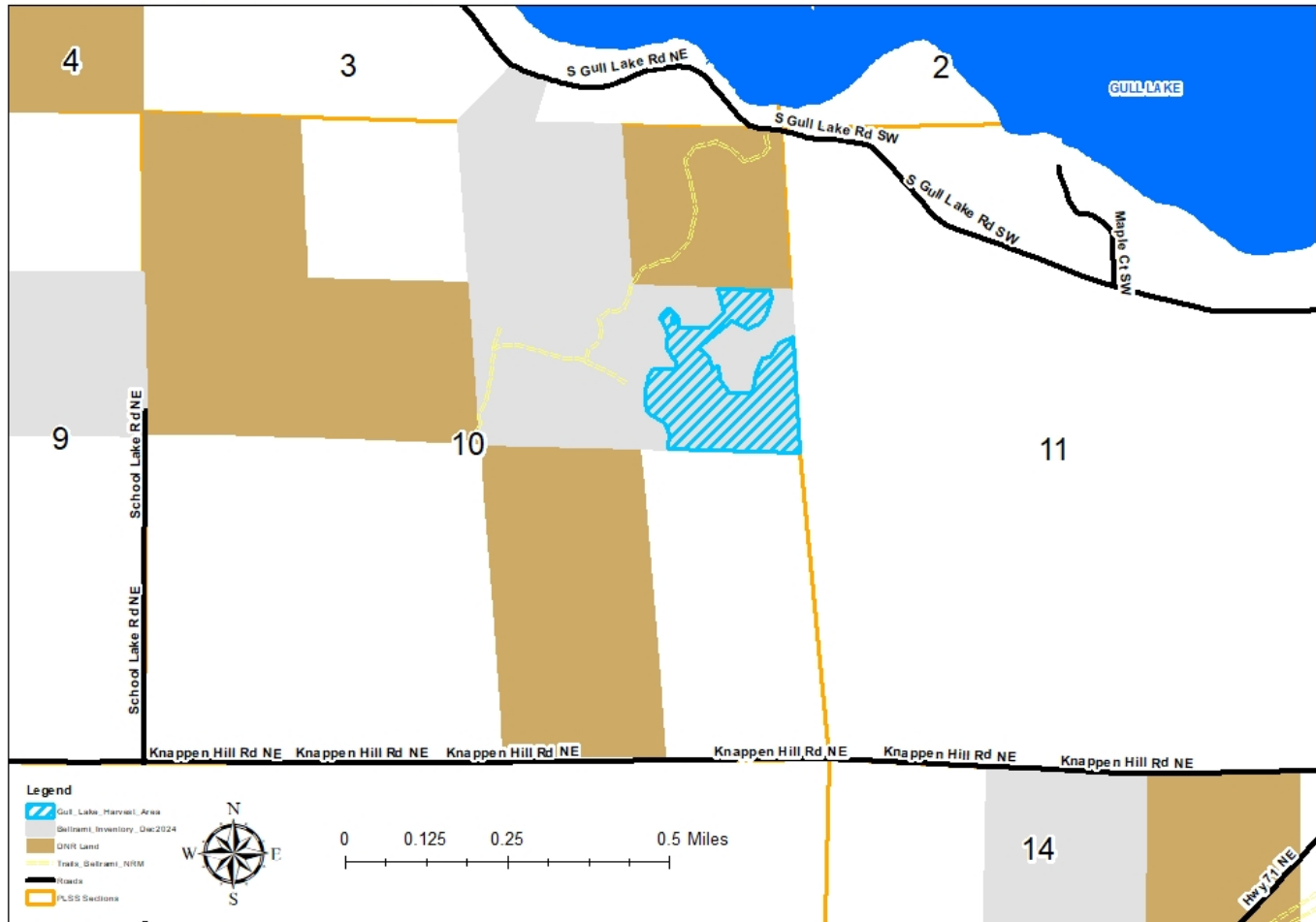
Permit Number: 225024

Expiration Date: 08/07/2028

Site Map:

Gull Lake Aspen Timber Sale

Section 10 T148 R32 Port Hope Twp



Appraisal examined and approved by

Forester

Date

Appraisal examined and approved by

Land Department

Date

STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Gull Lake						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
	10	148	32	32	Port Hope	SE 1/4 NE 1/4	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
10	148	32	12	22	55	MHn44	Clear Cut w/Reserves
10	148	32	1	22	105	FPn63	Clear Cut w/Reserves
*NPC	FPn63 - Northern Cedar Swamp, MHn44 - Northern Wet-Mesic Boreal Hardwood-Conifer Forest						
No Basal Data							
Current Site Conditions	Current CTYPE is Aspen, with SI 55, and overall BA of 100 sq.ft./ac. Harvest area includes rolling hills and low muck swales with ash, cedar, tag alder, muskeg.						
Insect/Disease	EAB - harvest to reduce potential of EAB infestation in Ash						
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	Filter Strips from adjacent wetlands must be protected from scarification						
Wetlands	type 7 - wooded swamp (hardwood & conifer)						
Soil Types	Suomi Loam Lupton Muck						
Environmental Impact	Harvest will occur under frozen conditions to minimize impact.						
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 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 (20'x20'x10') for wildlife 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)