

# Beltrami County NRM Timber Appraisal

# 2240 38

<b>Appraised By:</b> Nick Ronning  <b>Appraisal Date:</b> 12/13/2023	<b>Sale Type:</b> SEALED BID-REGULAR  <b>Auction Date:</b> 12/03/2024  <b>Access:</b> Public Access	<b>Appraisal Number:</b> Gilstad Lake Aspen <b>Permit Number:</b> 224038 <b>Expiration Date:</b> 04/02/2026
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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>
060003400	5	148	30	32	Birch	South 1/2

<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	370	Cords	\$25.00	\$9,250.00	Includes 5 cords of balm of gilead.	
Non-Bid	Balsam pulp	100	Cords	\$12.00	\$1,200.00		
Non-Bid	Mixed Hardwoods	65	Cords	\$15.00	\$975.00	59 cords of birch, 1 cord of maple and 5 cords of ash.	
					\$11,425.00	<b>Subtotal</b>	
<b>Total Cords: 535 Total MBF: 0</b>					\$11,425.00	<b>Total</b>	
					\$1,713.75	<b>15% Down Payment</b>	

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:** Aspen pulp, Balsam pulp, Mixed Hardwoods

**Species SAE:**

<b>Operability:</b> Public access is frozen, private access is firm or frozen.	<b>Soil Type:</b> loamy sand
<b>Topography:</b> flat to slightly rolling	
<b>Acres:</b> 17.5	

**DRAIN**

<b>Type:</b> SEALED BID-REGULAR	<b>Acres Cut:</b> 17.50
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Total: 17.50

**Harvest Specifications**

Access
<ul style="list-style-type: none"> <li>• Latitude/Longitude – Primary access location is Lat. 47.6626N, by Long. 94.5138W.</li> <li>Public access is frozen only, private access from the north is firm or frozen.</li> <li>USFS requests for access are that the equipment be clean before and after work and free from noxious weeds. Place slash at the beginning terminus at U1143 after work is complete.</li> </ul>
Cutting and Skidding
<ul style="list-style-type: none"> <li>• Skid trail out of wetland – Locate all skid trails out of wetland areas</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>• Leave Trees: White cedar, white pine, white spruce and red pine.</li> </ul>

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Timber Appraisal**

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<b>Appraised By:</b> Nick Ronning	<b>Sale Type:</b> SEALED BID-REGULAR	<b>Appraisal Number:</b> Gilstad Lake-Aspen
<b>Appraisal Date:</b> 12/13/2023	<b>Auction Date:</b> 12/03/2024	<b>Permit Number:</b> 224038
	<b>Access:</b> Public Access	<b>Expiration Date:</b> 04/02/2026

<b>Other Remarks</b>
• See Supplemental – See supplemental information for further details required by the USFS.

<b>Permits Required</b>
• Other Agency Access – Sale access uses a road across other government agencies. Permission for road use is not required to bid, but must be approved by the other agency 2 weeks before operations begin. Their road use requirement must be followed.

<b>Site, Soil, and Water Protection</b>
• 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. • 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.

<b>Slash Disposal</b>
• Slash Scattered - Lop & scatter.

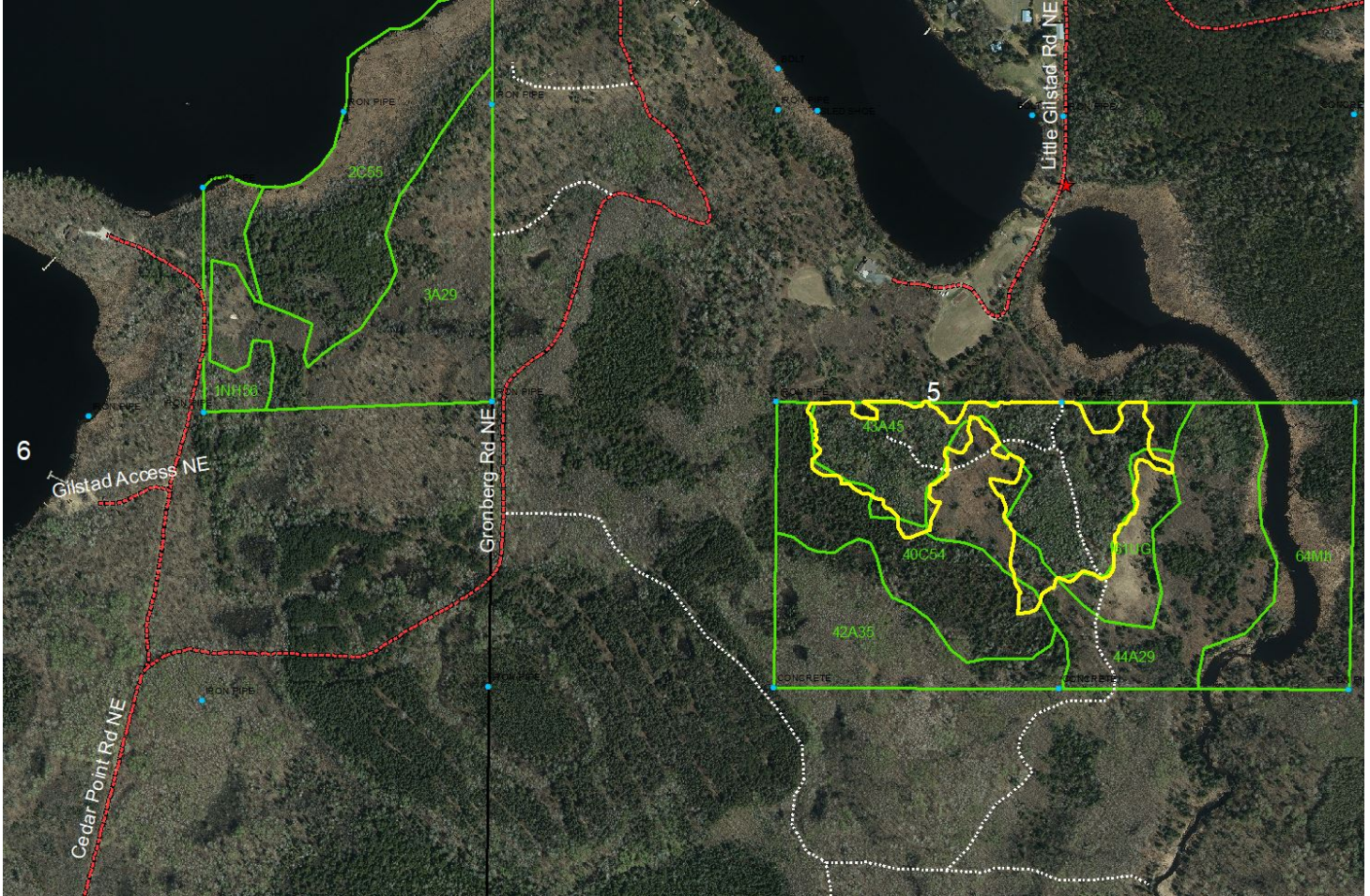
<b>Tree Size, Marketing, and Special Conditions</b>
• 4 inch TDIB – Utilize all material from butt to a 4" top diameter inside bark.

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<b>Appraisal Date:</b> 12/13/2023	<b>Auction Date:</b> 12/03/2024	<b>Permit Number:</b> 224038	<b>Expiration Date:</b> 04/02/2026
	<b>Access:</b> Public Access		

### Site Map:



Appraisal examined and approved by \_\_\_\_\_

Forester

\_\_\_\_\_ Date

Appraisal examined and approved by \_\_\_\_\_

Land Department

\_\_\_\_\_ Date

## STAND HARVEST PRESCRIPTIONS

<b>Timber Sale Name:</b>	Gilstad 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>	
060003400	5	148	30	32	Birch	South 1/2	
<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>
5	148	30	12	17.5	52	FDn33	Clear Cut w/Reserves
<b>*NPC</b>	FDn33 - Northern Dry-Mesic Mixed Woodland						
<b>Basal Area Information</b>							
<b>Species Code</b>	<b>Species Name</b>			<b>BA</b>	<b>Res BA</b>		
52	Aspen, Trembling			99	4		
<b>Total BA: 99</b>		<b>Res BA: 4</b>		<b>% BA: 4.04</b>			
<b>Current Site Conditions</b>	Current CTYPE is Aspen, with SI 65, and overall BA of 99 sq.ft./ac.						
<b>Insect/Disease</b>	EAB - harvest to reduce potential of EAB infestation in Ash. Dwarf Mistletoe - harvest all Balsam fir with witches broom in them to reduce mistletoe in next stand.						
<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 mostly 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>	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.						
<b>Visual Sensitivity</b>	There are no visual concerns for this harvest area						
<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

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## Harvest Methods

### Clear Cut w/Reserves

retain marked or designated trees or clumps (Clear Cut)