

# TIMBER APPRAISAL REPORT



Permit Holder	Sale Type	RAN	Permit Number
	Intermediate Auction	253	X019724
	Permit Date	Expiration Date	
	02/07/2025	05/31/2029	

Minnesota DNR is Certified to the Sustainable Forestry Initiative® and/or the Forest Stewardship Council®.  
 For information on our certificates go to [mndnr.gov/forestry/certification/certificates.html](http://mndnr.gov/forestry/certification/certificates.html)

## Appraisal includes one (1) cutting block:

Block #	Legal Description	Sec-Twp-Rng	County
1	NESW,NWSW,SENE,SWNE,SWNW,SWSW	4-58-9W	38: Lake

## Species/Products/Price (all quantities are estimates):

Bid	SOAV	Species	Product	Quantity	UOM	Appraised Price	Appraised Value	Bid %	Bid Price	Bid Value
+		Mixed Spruce	Pulp & Bolts	1,400.00	Cd	12.52	17,528.00		12.52	17,528.00
+		Balsam Fir	Pulp & Bolts	400.00	Cd	9.77	3,908.00		9.77	3,908.00
+		Trembling Aspen	Pulpwood	60.00	Cd	19.95	1,197.00		19.95	1,197.00
		Ash	Pulp & Bolts	20.00	Cd	8.40	168.00		8.40	168.00

Sale Acres	103.1	Advance Payment	3,420.15	Total Appraised Value	22,801.00	Total Bid Value	0.00
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**Top Diameter Utilization:** Unless otherwise specified, each species product must be utilized down to a minimum merchantable top diameter inside bark (dib) as follows: woodsrun cordwood and pulpwood to 4 inches, except spruce to 3 inches; bolts to 6 inches; sawtimber to 10 inches; and veneer to 14 inches.

## Optional Timber (may be purchased with an Added Timber Agreement):

SOAV	Species	Product	Quantity	UOM	Appraised Price	Appraised Value
	Any Listed Species	Biomass	1,072.00	Tons	0.65	696.80

**Total Appraised Cords per Acre: 18.2**

### Mixed Species Description:

Mixed Spruce Pulp & Bolts includes White Spruce 59%; Black Spruce 41%.

### Mixed Product Description:

Ash Pulp & Bolts includes Bolts 77%; Pulpwood 23%.  
 Balsam Fir Pulp & Bolts includes Bolts 59%; Pulpwood 41%.  
 Mixed Spruce Pulp & Bolts includes Pulpwood 43%; Bolts 57%.

## HARVEST SPECIFICATIONS

### Cutting and Felling:

- Harvest Spruce, Balsam Fir, Aspen, and Black Ash 9" DBH and greater.
- Reserve Pine and Cedar.

### Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

### Slash Disposal:

- Tightly pile slash on landings as designated by TSA. Piles should be free of dirt, stumps, root wads, and prohibited materials. Piles should be placed a minimum of 33 away from standing timber.

**TIMBER APPRAISAL REPORT - HARVEST SPECIFICATIONS (continued)**

**Slash Disposal (continued):**

- Biomass harvest is allowed on this permit. An Added Timber Agreement is required.

**Site, Soil, and Water Protection:**

- If site damage becomes apparent, alter or cease operations and contact State.

**Landings, Roads, and Trails:**

- The location and construction of all landings must be pre-approved by the State.

**Sale Conditions:**

- Access is across state land.

**Marketing and Special Conditions:**

Ash Pulp & Bolts: Average 11" DBH and 4 sticks  
Balsam Fir Pulp & Bolts: Average 6" DBH and 4 sticks  
Mixed Spruce Pulp & Bolts: Average 9" DBH and 4 sticks  
Trembling Aspen Pulpwood: Average 8" DBH and 3 sticks

Tree sizes are averages based on field estimates, actual sizes will vary larger or smaller.

Sale is located along the Stony Grade, access is direct. Based on field visit in December 2023 100% is affected by SBW. All standing dead Balsam Fir and Spruce has been appraised as biomass. Shallow soils and slow drainage has relegated operations to frozen conditions only, and the Black Ash is only accessible by freezing a swamp.

Price Adjustments apply to aspen and NP. All other species have -35% Lake County discount applied.

**Price Adjustments:**

Road Construction Costs: +10%  
Haul Distance to Nearest Mill: 0%  
Stand Density: -5%  
Operational Constraints: 0%  
Other Price Factor: -35% (Lake County discount)

**Permits Required:**

(None)

**Forestry Area Office:**

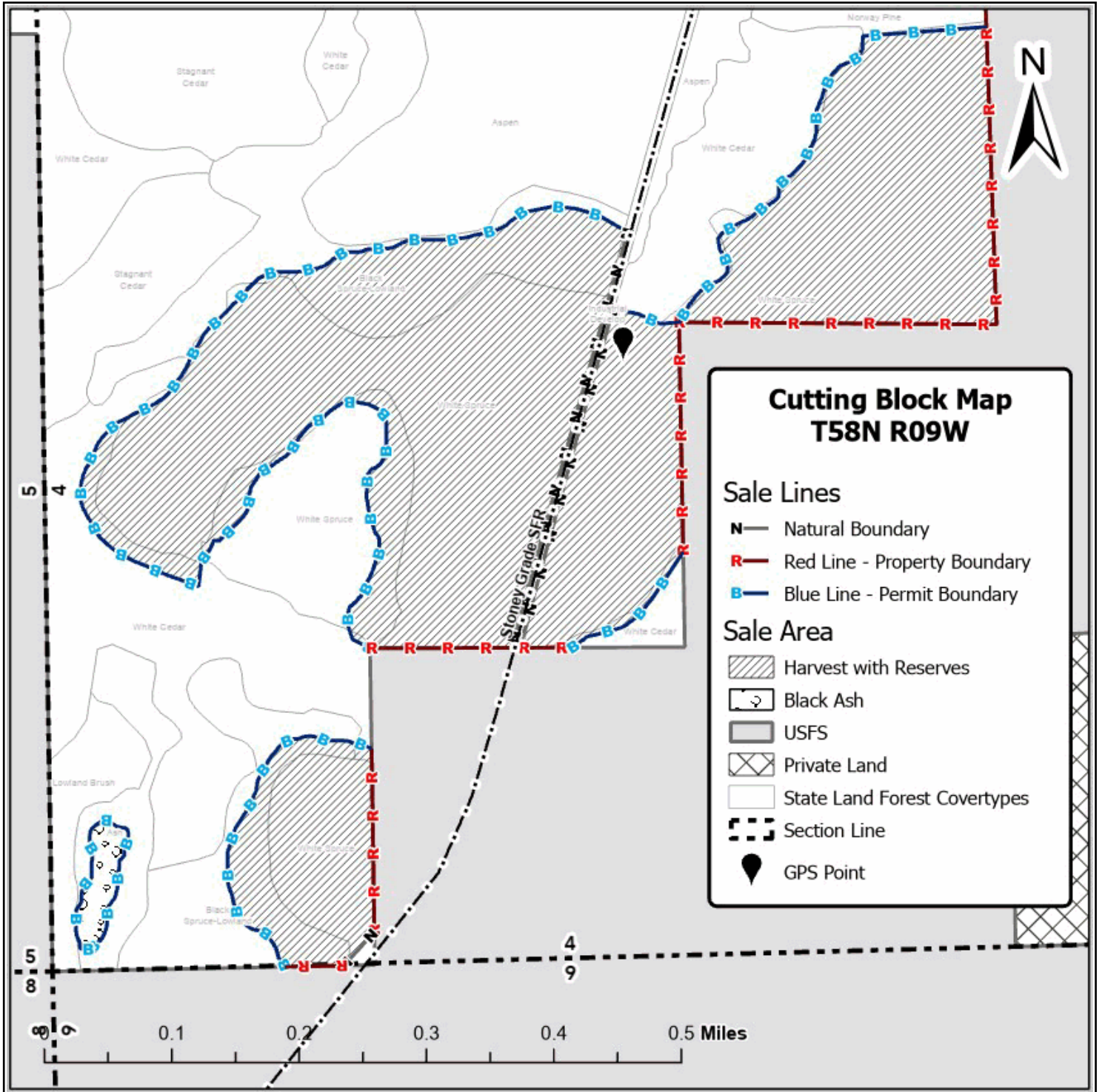
Two Harbors Area Forestry Office  
1568 Highway 2  
Two Harbors, MN 55616  
Telephone: 218-834-1420

<b>Appraiser Signature</b>	<b>Appraiser (Printed name)</b> Glenn Ristow	<b>Appraiser ID #</b> 01194235	<b>Signature Date</b> 12/05/2024
<b>Approved By Signature</b>	<b>Approved By (Printed name)</b> Jason Bushmaker	<b>Approver ID #</b> 01118506	<b>Approval Date</b> 12/05/2024



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	Sec-Twp-Rng	County	
	4-58-9W	38: Lake	

GPS Location: Latitude 47 32 16, Longitude -91 28 53



(Cutting Block 19411, Snapshot Sequence Number 0)

Cutting Block Map (may not print to scale)

SOAV Eligible: No

Stand Management Information - Appraisal only includes one (1) cutting block:

Site	Harvest Prescription						
t05809wI040061	Regen Harvest-Even-Aged-Clearcut-w/Rsrv						
Stand	Cover Type	Plan Status	Planned	Examined	Appraised	Deferred	Altered
t05809wI040061	WS	Adopted	34.2	38.3	38.3	0.0	0.0
t05809wI040070	WS	Adopted	33.1	52.5	52.5	0.0	0.0
t05809wI040082	WS	Adopted	7.6	10.8	10.8	0.0	0.0

Site	Harvest Prescription						
t05809wI040083	Regen Harvest-Uneven-Aged-Uneven Age Regen Harvest						
Stand	Cover Type	Plan Status	Planned	Examined	Appraised	Deferred	Altered
t05809wI040083	Ash	Adopted	6.6	6.6	1.5	0.0	5.1

<b>Totals</b>	<b>81.5</b>	<b>108.2</b>	<b>103.1</b>	<b>0.0</b>	<b>5.1</b>
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Forty/Lot Information:

Twp - Range	Sec	Forty / Lot	Land Status	Acres	% Total Value
58-9W	4	NESW	09: School	37.2	35
		NWSW	09: School	15.2	15
		SENW	09: School	9.9	10
		SWNE	09: School	24.4	24
		SWNW	09: School	4.1	4
		SWSW	09: School	12.3	12

<b>Totals</b>	<b>103.1</b>	<b>100</b>
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Specifications included in Notice Of Sale:

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across state land.