



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7507**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on October 22, 2024.**

LOCATION: **NAUBINWAY DNR FIELD OFFICE, PO BOX 287, US 2 W11569, NAUBINWAY, MI 49762.**

CONTACT NAME: Josh Brinks

PHONE NUMBER: (906) 203-0210

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, SAULT STE MARIE MANAGEMENT UNIT, for certain timber on the following described lands:

Move Along Mix (45-112-23) / T43N, R07W, SEC. 30, SWNW,W1/2SW.

T43N, R08W, SEC. 25, SENE,SE.

T43N, R08W, SEC. 36, NE.

Mackinac County, Advertised Price \$23,808.85, 95.5 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

TIMBER SALE INFORMATION

Move Along Mix (45-112-23)

T43N, R07W, SEC. 30; T43N, R08W, SEC. 25; T43N, R08W, SEC. 36.
Mackinac County (Advertised Price \$23,808.85)

SALE NOTE: A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Pulpwood		
Balsam Fir	210 Cords	\$ 10.40 / Cord
Mixed Hardwood	395 Cords	\$ 12.55 / Cord
Mixed Spruce	969 Cords	\$ 11.80 / Cord
N. White Cedar	44 Cords	\$ 4.90 / Cord
Paper Birch	297 Cords	\$ 7.55 / Cord
Quaking Aspen	11 Cords	\$ 27.85 / Cord
Tamarack	17 Cords	\$ 9.45 / Cord
White Pine	137 Cords	\$ 16.85 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 23.67 percent. There are an estimated 2,081 cords on this timber sale, plus or minus 493 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,380.89 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	6.3%
02	17.1%
03	42.8%
04	16.6%
05	17.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
164,410	2,081	23.67%	1,588	2,574

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
6	11,426	145	50.93%	71	218
17	77,386	980	18.31%	800	1,159
66	4,974	63	55.18%	28	98
69	12,900	163	39.19%	99	227
78	57,725	731	17.90%	600	861
TOTAL:	164,410	2,081		1,599	2,564

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
6	6.0	1	6.0
17	36.5	2	4.7
		3	31.7
		4	0.1
		5	0.0
66	6.3	2	6.3
69	14.2	2	14.2
78	32.5	3	2.2
		4	14.8
		5	15.5
TOTAL:	95.5		95.5

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	10	Cords	6.0	\$1,492.05
	Mixed Hardwood		22	Cords		
	<i>Red Maple</i>		22	<i>Cords</i>		
	Mixed Spruce		36	Cords		
	<i>Black Spruce</i>		36	<i>Cords</i>		
	N. White Cedar		44	Cords		
	Paper Birch		15	Cords		
	Quaking Aspen		5	Cords		
	White Pine		13	Cords		
2	Balsam Fir	Pulpwood	30	Cords	25.2	\$4,060.00
	Mixed Hardwood		61	Cords		
	<i>Red Maple</i>		58	<i>Cords</i>		
	<i>Yellow Birch</i>		3	<i>Cords</i>		
	Mixed Spruce		182	Cords		
	<i>Black Spruce</i>		163	<i>Cords</i>		
	<i>White Spruce</i>		19	<i>Cords</i>		
	Paper Birch		47	Cords		
	Tamarack		8	Cords		
	White Pine		24	Cords		
3	Balsam Fir	Pulpwood	159	Cords	33.9	\$10,215.60
	Mixed Hardwood		237	Cords		
	<i>Red Maple</i>		237	<i>Cords</i>		
	Mixed Spruce		243	Cords		
	<i>Black Spruce</i>		233	<i>Cords</i>		
	<i>White Spruce</i>		10	<i>Cords</i>		
	Paper Birch		178	Cords		
	Tamarack		3	Cords		
	White Pine		80	Cords		
4	Balsam Fir	Pulpwood	6	Cords	14.9	\$3,944.95
	Mixed Hardwood		37	Cords		
	<i>Red Maple</i>		37	<i>Cords</i>		
	Mixed Spruce		248	Cords		
	<i>Black Spruce</i>		248	<i>Cords</i>		
	Paper Birch		28	Cords		
	Quaking Aspen		3	Cords		
	Tamarack		3	Cords		
	White Pine		10	Cords		
5	Balsam Fir	Pulpwood	5	Cords	15.5	\$4,096.25
	Mixed Hardwood		38	Cords		
	<i>Red Maple</i>		38	<i>Cords</i>		
	Mixed Spruce		260	Cords		
	<i>Black Spruce</i>		260	<i>Cords</i>		
	Paper Birch		29	Cords		
	Quaking Aspen		3	Cords		
	Tamarack		3	Cords		
	White Pine		10	Cords		
TOTAL:			2,080	Cords		

Sale Specific Conditions & Requirements

Sale Name: Move Along Mix

Sale Number: 45-112-23 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and purple paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with purple paint. The painted boundary line trees are not Included Timber and are to be protected. Purple painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH except those marked with green paint. Within Payment Units 2-5, cut all deciduous trees that are two (2) inches or more at DBH and all conifer trees that are four (4) inches or more at DBH, EXCEPT do not cut any cedar trees and do not cut any white pine trees that are 14 inches or more at DBH.

2.2 - Utilization

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1-5, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 2-5 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.1 - Hauling restriction (12/08)

Hauling is restricted on Hog Island Road. The restriction is a permanent weight restriction. Hauling will be restricted unless permission is granted from Mackinac County Road Commission.

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.1 - Notification

5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line and pipeline R.O.W. for operations. Contact Enbridge (pipeline) and American Transmission Company (power line).

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-5, unless changed by written agreement, cutting and skidding are limited to the period of December 1 to April 1. This restriction is because of sensitive soils and for winter deer browse.

5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

Some roads or skid trails require extra protection such as that afforded by interlocking composite mats or another approved system. Extra protection may be needed at locations shown on the Timber Sale Map. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the composite mats is defined as cracked or broken mats.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.41 - Snowmobile trail protection (9/11)

Sand Lake Road (Trail # 473) is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1st. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products

will be permitted along the snowmobile trail.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Sand Lake Road and Hog Island Road (if used for hauling) prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Sand Lake Road (Trail # 473) prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number
45-112-23

Date
11/20/2023

Forest Management Unit
Sault Ste Marie Mgt Unit

County
Mackinac

Mapped By: C. Flatt
Cruised By: Naubinway DNR Staff

Scale
1:20,000

Page
1

Of
1

Township
43N

Range
07W/08W

Section(s) and
Subdivision(s) Sec. 25 SENE,SE; Sec. 30 SWNW,W1/2SW; Sec. 36 NE;

Cover Type

A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous	Z = Water	
H = Hemlock	N = Marsh		

Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

Locator Map (1:200,000)

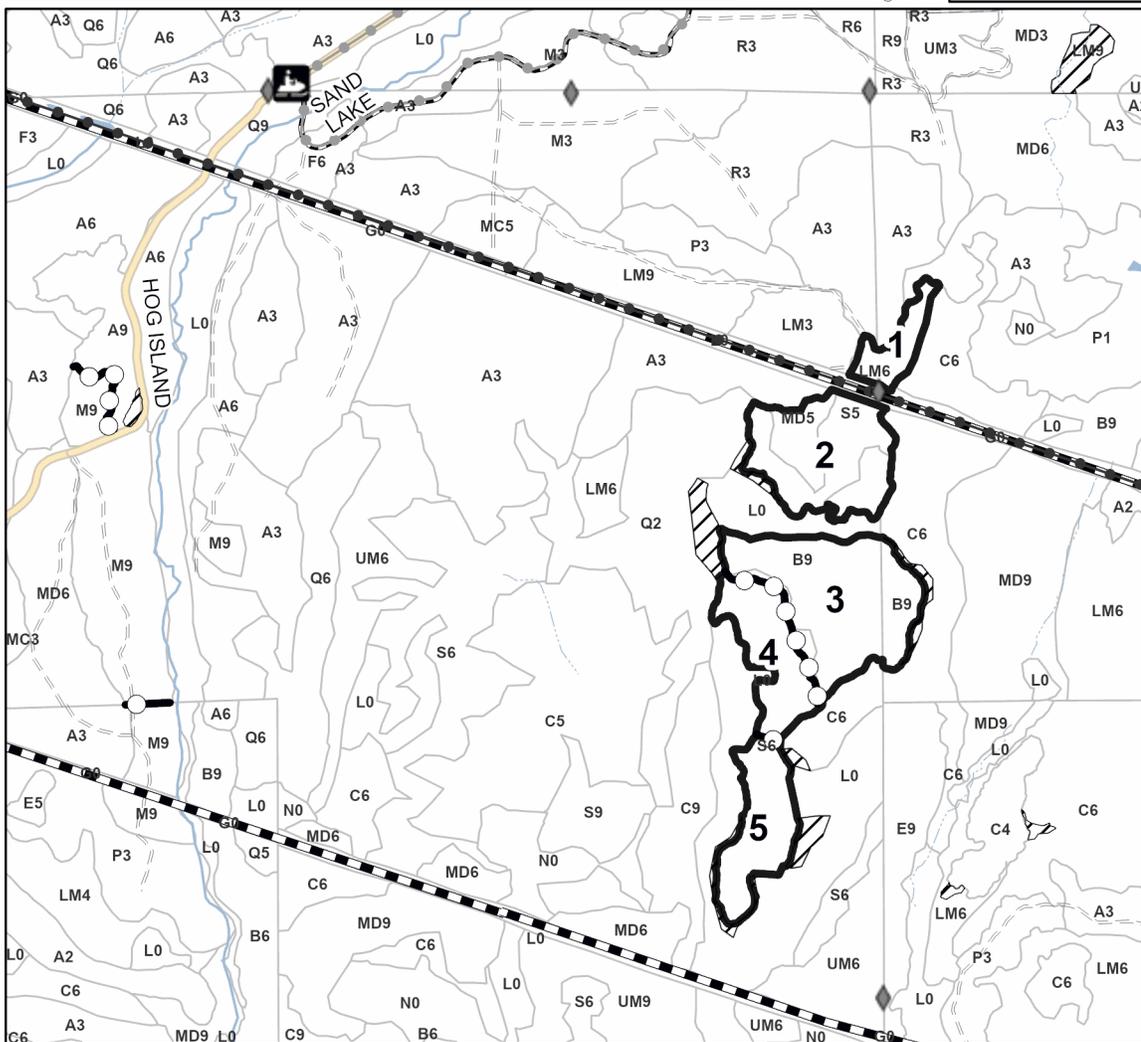


PU #	Acres
1	6
2	25.2
3	33.9
4	14.9
5	15.5

Move Along Mix

Compartment 140 & 144

95.5 Acres



Legend

- Against State (Red)
- Payment Unit (Purple)
- Stand
- Retention Areas
- Recreational Trail
- Primary Forest Road
- Forest Access Route
- Non-DNR Road
- Pipeline
- Powerline
- Snowmobile
- Field Grade Corner

Use QR Code to open Map in App

