



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7494**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on September 17, 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:

Mega Pint Mix (45-107-24) / T43N, R06W, SEC. 10, E1/2NE, NESE.

T43N, R06W, SEC. 11, N1/2SW, NWSE.

T43N, R06W, SEC. 11, NENW, S1/2NW, N1/2NE, SWNE.

T43N, R06W, SEC. 2, SWSE.

Mackinac County, Advertised Price \$37,519.45, 78.4 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

Mega Pint Mix (45-107-24)

T43N, R06W, SEC. 10; T43N, R06W, SEC. 11; T43N, R06W, SEC. 2.
Mackinac County (Advertised Price \$37,519.45)

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>
Sawtimber		
Red Maple	12.5 MBF	\$ 90.00 / MBF
Pulpwood		
Balsam Fir	303 Cords	\$ 10.30 / Cord
Jack Pine	65 Cords	\$ 31.80 / Cord
Misc. Species 1	2.4 Acres	\$ 15.00 / Acre
Mixed Aspen	259 Cords	\$ 25.05 / Cord
Mixed Hardwood	544 Cords	\$ 13.35 / Cord
Mixed Spruce	501 Cords	\$ 11.55 / Cord
N. White Cedar	259 Cords	\$ 5.00 / Cord
Paper Birch	177 Cords	\$ 7.60 / Cord
Red Pine	49 Cords	\$ 56.55 / Cord
Tamarack	76 Cords	\$ 9.40 / Cord
White Pine	247 Cords	\$ 22.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 26.72 percent. There are an estimated 2,511 cords on this timber sale, plus or minus 671 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 \$3,751.95 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	0.1%
02	23.1%
03	42.0%
04	11.5%
05	18.5%
06	4.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

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
198,385	2,511	26.72%	1,840	3,182
2.40 acres are being sold by the acre and do not have cubic foot or cord volumes.				

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.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
14	27,640	350	31.88%	238	461
21	36,282	459	25.34%	343	576
28	82,714	1,047	20.57%	832	1,262
29	27,333	346	32.13%	235	457
30 *			N/A		
57	24,217	307	40.99%	181	432
TOTAL:	198,187	2,509		1,829	3,189

* This VDU is being sold by the acre. There are no cruise statistics available.

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
14	10.3	4	10.3
21	12.8	5	12.8
28	32.4	3	32.4
29	14.6	2	14.6
30	2.4	1	2.4
57	5.9	6	5.9
TOTAL:	78.4		78.4

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Misc. Species 1	Pulpwood	2.4	Acres	2.4	\$36.00
2	Balsam Fir Jack Pine Mixed Aspen <i>B. T. Aspen</i> <i>Quaking Aspen</i> Mixed Hardwood <i>Red Maple</i> <i>Sugar Maple</i> Mixed Spruce <i>White Spruce</i> Red Pine White Pine	Pulpwood	11 65 75 4 71 11 9 2 37 37 22 125	Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords	14.6	\$8,664.85
3	Balsam Fir Mixed Aspen <i>Balsam Poplar</i> <i>Quaking Aspen</i> Mixed Hardwood <i>Red Maple</i> <i>Sugar Maple</i> Mixed Spruce <i>Black Spruce</i> <i>White Spruce</i> Paper Birch Red Pine Tamarack White Pine	Pulpwood	181 135 9 126 259 256 3 181 42 139 144 27 25 95	Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords	32.4	\$15,769.00
4	Balsam Fir Mixed Aspen <i>B. T. Aspen</i> Mixed Spruce <i>Black Spruce</i> Paper Birch Tamarack White Pine	Pulpwood	3 13 13 238 238 18 51 27	Cords Cords Cords Cords Cords Cords Cords Cords	10.3	\$4,323.75
5	Red Maple Balsam Fir Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Red Maple</i> Mixed Spruce <i>White Spruce</i> Paper Birch	Sawtimber Pulpwood	12.5 83 36 36 266 266 40 40 6	MBF Cords Cords Cords Cords Cords Cords Cords Cords	12.8	\$6,940.40
6	Balsam Fir Mixed Hardwood <i>Red Maple</i> Mixed Spruce <i>Black Spruce</i> N. White Cedar Paper Birch	Pulpwood	25 8 8 5 5 259 9	Cords Cords Cords Cords Cords Cords Cords	5.9	\$1,785.45
TOTAL:			12.5	MBF		
TOTAL:			2,480	Cords		

TOTAL: 2.4 Acres

Sale Specific Conditions & Requirements

Sale Name: Mega Pint Mix

Sale Number: 45-107-24 Seq#: 1

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. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber. 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, 2 & 4, cut all trees that are two (2) inches or more at DBH.

Within Payment Unit(s) 3, cut all deciduous trees that are two (2) inches or more at DBH, and all conifers over four (4) inches DBH. In addition, do not cut any white pine or hemlock greater than 18 inches at DBH, any cedar 8 inches at DBH or less, or any trees marked with green paint.

Within Payment Unit(s) 5, cut all trees that are four (4) inches or more at DBH, except do not cut any hemlock or trees marked with green paint.

Within Payment Unit(s) 6, cut all trees that are two (2) inches or more at DBH, except do not cut any cedar 8 inches at DBH or less.

2.1.11 - Description of timber note (2/04)

Note that Misc. Species 1 for Payment Unit 1 is sold by the acre.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 1 & 2 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. In addition, brush or chips may not be stored or stockpiled on-site for more than 60 days.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-6 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.

4.1.4 - Timber removed for construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at contract prices or average prices, if not on the contract.

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 the southern portion of Schoolhouse Road that is maintained by Mackinac County Road Commission. The restriction may occur during spring breakup.

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: 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.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

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

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Unit(s) 1 & 2 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

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.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 3, 4 & 6, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of wet, sensitive soils.

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.

5.2.39 - ORV trail/route protection (4/18)

The motorcycle trail is shown on the Timber Sale Map. Do not damage posts with motorcycle trail markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the motorcycle trail as the centerline. Do not run equipment down the motorcycle trail. Skidding across the trail may only occur in locations approved by the Sale Administrator.

5.2.41 - Snowmobile trail protection (9/11)

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. No decking of forest products will be permitted within 50 feet of 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

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on 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.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the motorcycle trail prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

8 - Performance and Settlement

8.3 - Uncompleted or Terminated Contracts

8.3.1 - Completion of contract, chipping (1/16)

In addition to cutting, all chipping must be completed by the contract expiration date. If chipping has not been completed, an extension fee or damages may be charged per General Condition & Requirement 7.2 and 8.3.



TIMBER SALE MAP

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

Sale Number
45-107-24

Date
01/30/2024

Forest Management Unit
Sault Ste Marie Mgt Unit

County
Mackinac

Mapped By: Plato
Cruised By: Plato

Scale
1:15,840

Page
1

Of
1

Township
43N

Range
06W

Section(s) and Subdivision(s)
Sec. 10 E1/2NE,NESE; Sec. 11 N1/2SW,NWSE; Sec. 11 NENW,S1/2NW,N1/2NE,SWNE; Sec. 2 SWSE;

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

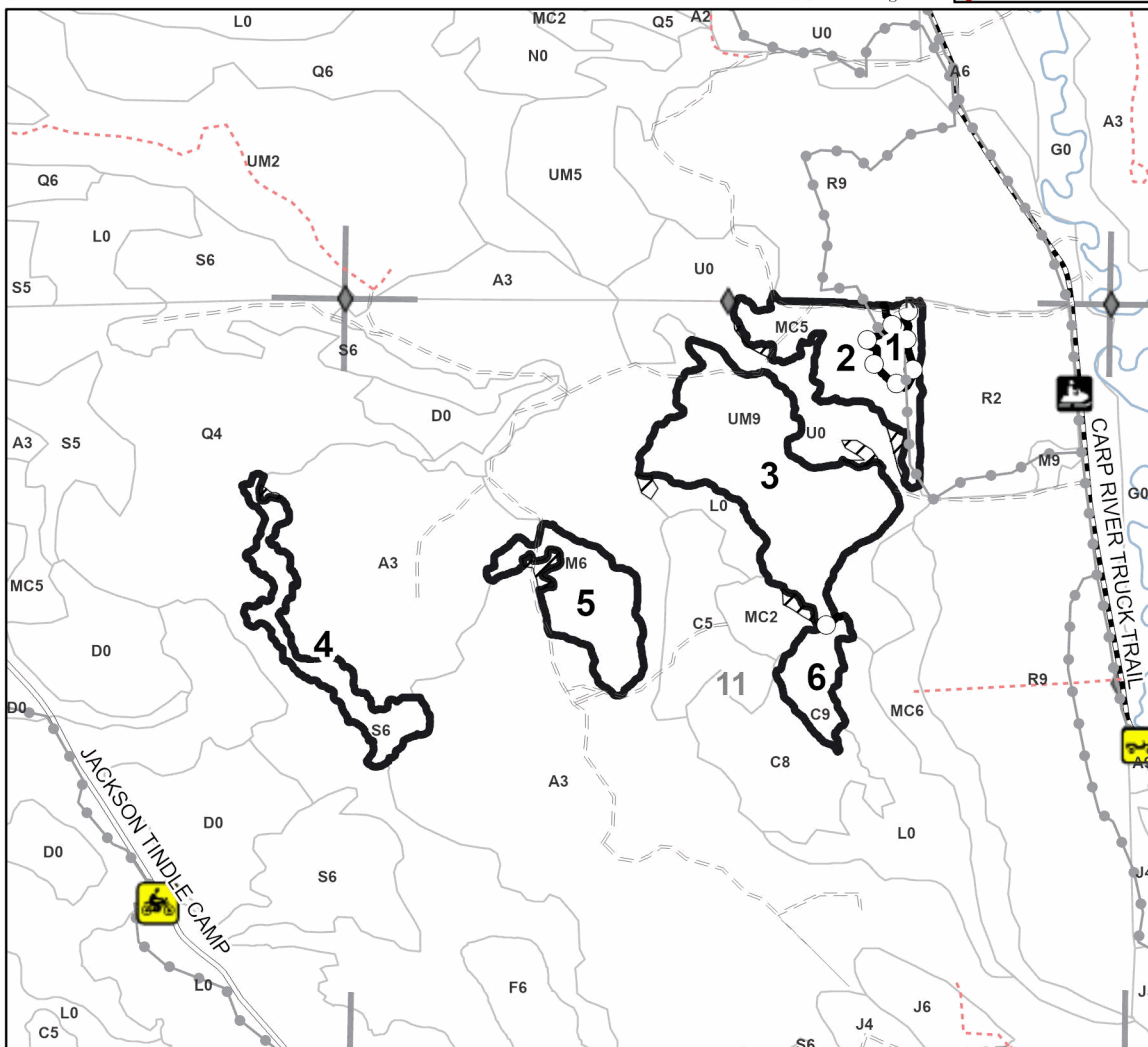
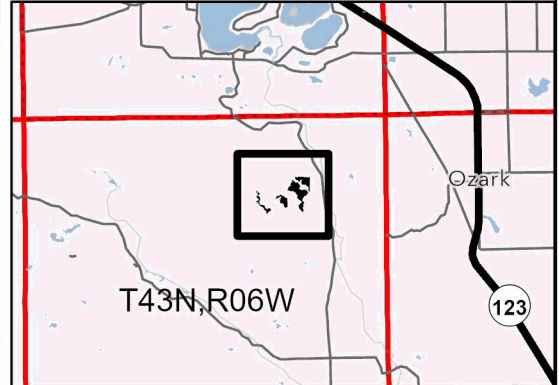
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres	PU #	Acres
1	2.4	4	10.3
2	14.6	5	12.8
3	32.4	6	5.9

Mega Pint Mix

78.4 Acres

Locator Map (1:200,000)



Legend

- Sale Boundary - Red
- Stand
- Sections
- Payment Unit (Purple)
- Recreational Trail
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private Road
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Field Grade Corner
- MIRIS Section Corner
- Retention Areas - Red

Use QR Code to open Map in App

