



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7436**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on May 13, 2024.

LOCATION: SAULT DNR CUSTOMER SERVICE CENTER, 4131 S. M-129, SAULT STE MARIE, MI 49783.

CONTACT NAME: Kenny Fanelli

PHONE NUMBER: (906) 287-1380

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:

Brian's Blind Aspen (45-003-24) / T45N, R01E, SEC. 25, SESW, SE.

T45N, R01E, SEC. 26, SESE.

T45N, R01E, SEC. 35, NENE.

T45N, R01E, SEC. 36, N1/2NW, NWNE.

T45N, R02E, SEC. 30, NWSW.

Chippewa County, Advertised Price \$33,082.80, 125.0 Acres, Aspen, Hardwood.

SALE NOTE: This sale is an aspen sale with some hardwood and spruce. Some Payment Units will require dry or frozen conditions.

TIMBER SALE INFORMATION

Brian's Blind Aspen (45-003-24)

T45N, R01E, SEC. 25; T45N, R01E, SEC. 26; T45N, R01E, SEC. 35; T45N, R01E, SEC. 36; T45N, R02E, SEC. 30.
Chippewa County (Advertised Price \$33,082.80)

SALE NOTE: This sale is an aspen sale with some hardwood and spruce. Some Payment Units will require dry or frozen conditions.

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	2.9 MBF	\$ 91.00 / MBF
Sugar Maple	2.0 MBF	\$ 240.00 / MBF
Pulpwood		
Balsam Fir	116 Cords	\$ 11.70 / Cord
Mixed Aspen	1,668 Cords	\$ 13.00 / Cord
Mixed Hardwood	414 Cords	\$ 14.55 / Cord
Mixed Spruce	193 Cords	\$ 15.70 / Cord
Paper Birch	12 Cords	\$ 8.30 / Cord
Tamarack	78 Cords	\$ 1.85 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 31.46 percent. There are an estimated 2,494 cords on this timber sale, plus or minus 785 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 \$2,646.62 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	9.1%
02	28.6%
03	26.2%
04	20.1%
05	4.0%
06	1.9%
07	10.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2027.

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
197,061	2,494	31.46%	1,710	3,279

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
2	21,733	275	40.39%	164	386
12	7,637	97	69.82%	29	164
16	146,637	1,856	23.99%	1,411	2,301
25	13,590	172	46.48%	92	252
34	5,204	66	34.82%	43	89
40	2,260	29	57.52%	12	45
TOTAL:	197,061	2,494		1,751	3,238

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
2	17.9	1	17.9
12	6.5	5	6.5
16	85.5	2	32.7
		3	29.9
		4	22.9
		7	9.0
25	9.0	7	9.0
34	2.9	7	2.9
40	3.2	6	3.2
TOTAL:	125.0		125.0

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	16	Cords	17.9	\$3,014.85
	Mixed Aspen		23	Cords		
	<i>Quaking Aspen</i>		23	Cords		
	Mixed Hardwood		25	Cords		
	<i>Red Maple</i>		25	Cords		
	Mixed Spruce		125	Cords		
	<i>Black Spruce</i>		125	Cords		
	Paper Birch		7	Cords		
	Tamarack		78	Cords		
2	Red Maple	Sawtimber	0.7	MBF	32.7	\$9,452.25
	Sugar Maple	Pulpwood	0.4	MBF		
	Balsam Fir		18	Cords		
	Mixed Aspen		599	Cords		
	<i>B. T. Aspen</i>		245	Cords		
	<i>Quaking Aspen</i>		354	Cords		
	Mixed Hardwood		89	Cords		
	<i>Red Maple</i>		76	Cords		
	<i>Sugar Maple</i>		11	Cords		
	<i>White Ash</i>		2	Cords		
3	Red Maple	Sawtimber	0.7	MBF	29.9	\$8,661.15
	Sugar Maple	Pulpwood	0.4	MBF		
	Balsam Fir		17	Cords		
	Mixed Aspen		548	Cords		
	<i>B. T. Aspen</i>		223	Cords		
	<i>Quaking Aspen</i>		325	Cords		
	Mixed Hardwood		81	Cords		
	<i>Red Maple</i>		69	Cords		
	<i>Sugar Maple</i>		10	Cords		
	<i>White Ash</i>		2	Cords		
4	Red Maple	Sawtimber	0.5	MBF	22.9	\$6,646.25
	Sugar Maple	Pulpwood	0.3	MBF		
	Balsam Fir		13	Cords		
	Mixed Aspen		420	Cords		
	<i>B. T. Aspen</i>		171	Cords		
	<i>Quaking Aspen</i>		249	Cords		
	Mixed Hardwood		63	Cords		
	<i>Red Maple</i>		53	Cords		
	<i>Sugar Maple</i>		8	Cords		
	<i>White Ash</i>		2	Cords		
5	Red Maple	Sawtimber	0.6	MBF	6.5	\$1,334.35
	Balsam Fir	Pulpwood	24	Cords		
	Mixed Aspen		22	Cords		
	<i>Balsam Poplar</i>		9	Cords		
	<i>Quaking Aspen</i>		13	Cords		
	Mixed Hardwood		49	Cords		
	<i>Black Ash</i>		2	Cords		
	<i>Red Maple</i>		47	Cords		
6	Red Maple	Sawtimber	0.4	MBF	3.2	\$630.70
	Sugar Maple	Pulpwood	0.9	MBF		
	Mixed Hardwood		26	Cords		
	<i>Red Maple</i>		4	Cords		
	<i>Sugar Maple</i>		22	Cords		
7	Balsam Fir	Pulpwood	28	Cords	11.9	\$3,343.25
	Mixed Aspen		56	Cords		
	<i>Quaking Aspen</i>		56	Cords		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	Mixed Hardwood	Pulpwood	81	Cords		
	<i>Black Ash</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		76	<i>Cords</i>		
	Mixed Spruce		68	Cords		
	<i>Black Spruce</i>		59	<i>Cords</i>		
	<i>White Spruce</i>		9	<i>Cords</i>		
	Paper Birch		5	Cords		
	TOTAL:			4.9		
TOTAL:			2,481	Cords		

Sale Specific Conditions & Requirements

Sale Name: Brian's Blind Aspen

Sale Number: 45-003-24 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 blue and red paint or are unmarked and designated by a road. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries between Payment Units 2 & 3 and 2 & 4 are unpainted and identified by S. Mountain Road. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-5 and 7, cut all trees that are two (2) inches or more at DBH, except do not cut oak, pine, hemlock, cedar, and yellow birch.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 2-4, 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.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the Sale Area, if more than 10% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

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 double earthen berms at strategic locations. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

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

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 6, unless changed by written agreement, cutting and skidding are not permitted during the period of May 1 to June 30. This restriction is because of bark slippage.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1, 3-5 and 7, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of wet ground conditions.

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.

5.4 - Soil Protection

5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the vernal pond areas or drainages. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

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 S. Mountain Road and 18 Mile Road 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.

**TIMBER SALE MAP**

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

Sale Number
45-003-24Date
03/08/2024Forest Management Unit
Sault Ste Marie Mgt UnitCounty
Chippewa

Mapped By: Brinks/Fanelli

Cruised By: Fanelli

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Township 45N Range 01E / 02E Section(s) and Subdivision(s) Sec. 25 SESW,SE; Sec. 26 SESE; Sec. 30 NWSW; Sec. 35 NENE; Sec. 36 N1/2NW,NWNE;

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

Brian's Blind Aspen**125.0 Acres**

PU #	Acres	PU #	Acres
1	17.9	5	6.5
2	32.7	6	3.2
3	29.9	7	11.9
4	22.9		



Road is payment unit line

**Legend**

- Against State (Red)
- Private Line (Blue)
- Stand
- ▨ Retention Areas
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- ◆ Field Grade Corner
- ◆ Survey Grade Corner
- ▲ Berm
- Gate
- MIRIS Section Corner



TIMBER SALE MAP

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

Sale Number
45-003-24

Date
03/08/2024

Forest Management Unit
Sault Ste Marie Mgt Unit

County
Chippewa

Mapped By: Brinks/Fanelli

Cruised By: Fanelli

Scale
1:7,920

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Township 45N Range 01E / 02E Section(s) and Subdivision(s) Sec. 25 SESW,SE; Sec. 26 SESE; Sec. 30 NWSW; Sec. 35 NENE; Sec. 36 N1/2NW,NWNE;

Cover Type

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Brian's Blind Aspen 125.0 Acres

PU #	Acres	PU #	Acres
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2	32.7	6	3.2
3	29.9	7	11.9
4	22.9		



2 Payment Units 2-6 zoomed in for better detail.

Road is payment unit line

25

2

4

4

S MOUNTAIN RD.

Legend

- Against State (Red)
- Private Line (Blue)
- Stand
- ▨ Retention Areas
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- ◆ Field Grade Corner
- ◆ Survey Grade Corner
- ▲ Berm
- MIRIS Section Corner



LM3

0 0.13 0.25 0.5 Miles