



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7629**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on July 31, 2025.**

LOCATION: **BARAGA MGMT UNIT, 427 US 41 NORTH, BARAGA, MI 49908.**

CONTACT NAME: Brad Carlson

PHONE NUMBER: (906) 353-6651

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, BARAGA MANAGEMENT UNIT, for certain timber on the following described lands:

Mustard Creek Aspen (11-008-25) / T50N, R34W, SEC. 30, S1/2NW,SWNE,SW,W1/2SE.
Baraga County, Advertised Price \$106,402.30, 177.8 Acres, Aspen, Hardwood.

SALE NOTE: Access may be through other public land.

TIMBER SALE INFORMATION

Mustard Creek Aspen (11-008-25)

T50N, R34W, SEC. 30.

Baraga County (Advertised Price \$106,402.30)

SALE NOTE: Access may be through other public land.

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		
Paper Birch	10.4 MBF	\$ 47.00 / MBF
Red Maple	49.0 MBF	\$ 138.00 / MBF
Sugar Maple	23.2 MBF	\$ 260.00 / MBF
Pulpwood		
Mixed Aspen	4,308 Cords	\$ 16.55 / Cord
Paper Birch	355 Cords	\$ 2.50 / Cord
Red Maple	1,189 Cords	\$ 13.80 / Cord
Sugar Maple	328 Cords	\$ 13.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.91 percent. There are an estimated 6,374 cords on this timber sale, plus or minus 951 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 \$10,640.23 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	26.0%
02	16.1%
03	26.9%
04	10.6%
05	20.4%
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
503,545	6,374	14.91%	5,423	7,325

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
153	503,545	6,374	14.92%	5,423	7,325
TOTAL:	503,545	6,374		5,423	7,325

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
153	177.8	1	46.3
		2	28.7
		3	47.7
		4	18.8
		5	36.3
TOTAL:	177.8		177.8

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	2.7	MBF	46.3	\$27,703.40
	Red Maple		12.8	MBF		
	Sugar Maple		6.0	MBF		
	Mixed Aspen	Pulpwood	1,122	Cords		
	B. T. Aspen		1,109	Cords		
	Quaking Aspen		13	Cords		
	Paper Birch		92	Cords		
	Red Maple		310	Cords		
	Sugar Maple		85	Cords		
2	Paper Birch	Sawtimber	1.7	MBF	28.7	\$17,157.85
	Red Maple		7.9	MBF		
	Sugar Maple		3.7	MBF		
	Mixed Aspen	Pulpwood	695	Cords		
	B. T. Aspen		687	Cords		
	Quaking Aspen		8	Cords		
	Paper Birch		57	Cords		
	Red Maple		192	Cords		
	Sugar Maple		53	Cords		
3	Paper Birch	Sawtimber	2.8	MBF	47.7	\$28,568.55
	Red Maple		13.1	MBF		
	Sugar Maple		6.3	MBF		
	Mixed Aspen	Pulpwood	1,157	Cords		
	B. T. Aspen		1,142	Cords		
	Quaking Aspen		15	Cords		
	Paper Birch		96	Cords		
	Red Maple		318	Cords		
	Sugar Maple		88	Cords		
4	Paper Birch	Sawtimber	1.1	MBF	18.8	\$11,266.35
	Red Maple		5.2	MBF		
	Sugar Maple		2.5	MBF		
	Mixed Aspen	Pulpwood	455	Cords		
	B. T. Aspen		450	Cords		
	Quaking Aspen		5	Cords		
	Paper Birch		38	Cords		
	Red Maple		126	Cords		
	Sugar Maple		35	Cords		
5	Paper Birch	Sawtimber	2.1	MBF	36.3	\$21,706.15
	Red Maple		10.0	MBF		
	Sugar Maple		4.7	MBF		
	Mixed Aspen	Pulpwood	879	Cords		
	B. T. Aspen		869	Cords		
	Quaking Aspen		10	Cords		
	Paper Birch		72	Cords		
	Red Maple		243	Cords		
	Sugar Maple		67	Cords		
TOTAL:			82.6	MBF		
TOTAL:			6,180	Cords		

Sale Specific Conditions & Requirements

Sale Name: Mustard Creek Aspen

Sale Number: 11-008-25 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. 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 boundary lines are marked with red paint. Red 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

2.1.2 - Clearcut Unit(s) w/o Unmerchantable Trees (8/11)

Within Payment Unit(s) 1-5, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any conifer species (hemlock, white pine, red pine, balsam fir, white spruce, black spruce and cedar) and do not cut yellow birch, black cherry, or red oak. In addition:

- All trees marked with a green "X" are to be left standing for future grouse drumming logs.
- Leave down-and-dead trees that are 12 inches or more at DBH for grouse drumming logs.

2.2 - Utilization

2.2.4 - Skidding Length (12/24)

Skidding of unlimbed tops or lengths over 17 feet is not permissible unless approved by the Unit Manager or his/her representative.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged Timber (12/24)

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.

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

4.1.1 - Stream Crossings, General (1/25)

All stream crossing structures will be temporary and, therefore, shall be provided by the Purchaser and must be removed upon completion of the sale. All permits for stream crossings will be provided by the DNR for crossings located on state land.

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, chipped, utilized or otherwise removed from the sale.

4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the Sale Administrator and they shall be installed prior to hauling. The culverts

shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the Sale Administrator and as specified in the BMP manual.

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. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

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.

4.2.5 - 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.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private landowner must be given to the Unit Manager within 30 days of the bid opening and prior to the beginning of operations if the Purchaser desires to access the sale on roads where the state does not hold easement.

4.4.5 - Federal Property Access (3/11)

Permission for access across federal land is the responsibility of the Purchaser.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale Conference (10/16)

A pre-sale conference between the Purchaser and Sale Administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

5.1.4 - Post-Sale Conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.1 - Slash Within Sale Area (9/16)

No trees are to be felled outside the Sale Area, and all slash is to be kept at least 10 feet back from the blue paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

5.2.1.11 - Slash for Reforestation (3/21)

To facilitate reforestation, the Sale Area 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.

5.2.3 - Operating Restrictions

5.2.3.2 - Operating Restrictions (9/11)

Within Payment Unit(s) 1-5, unless changed by written agreement, all cleanup activities must be completed by June 30 for all areas that were harvested during the previous harvest season. This restriction is to allow the harvest area to revegetate before the dry season.

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

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. 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. Timber mats are available from various field offices. 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 \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

5.2.22 - Operating Caution

5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1-5, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is to prevent soil erosion while skidding on slopes and valleys.

5.2.30 - Landing/Road Topsoil Protection (1/25)

Topsoil must be removed, stockpiled, and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation.

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

5.4.1 - Rutting Restriction, General (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.4.3 - Erosion Control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

5.4.4 - Slope Protection (9/19)

Skid trails and roads on slopes shall be water barred with slash, stumps, and/or clean straw bales native to the area as soon as use is complete to prevent erosion.

5.4.5 - Soil Caution (11/04)

Care must be taken to minimize soil damage due to the sandy soils.

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 onsite evaluation and recommendation can be made, if necessary.

**TIMBER SALE MAP**

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

Sale Number

11-008-25

Date

05/09/2025

Forest Management Unit

Baraga Mgt Unit

County

Baraga

Mapped By: Dorvinen

Cruised By: Hansen/Dorvinen

Scale

1:15,840

Page

1

Of

1

Township

50N

Range

34W

Section(s) and

Subdivision(s) **Sec. 30 S1/2NW,SWNE,SW,W1/2SE;****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

Mustard Creek Aspen**Baraga - Compartment 6**

UNIT	1	2	3	4	5	TOTALS
ACRES	46.3	28.7	47.7	18.8	36.3	177.8
Sawlogs MBF						
Red Maple	12.8	7.9	13.1	5.2	10.0	49.0
Sugar Maple	6.0	3.7	6.3	2.5	4.7	23.2
Paper Birch	2.7	1.7	2.8	1.1	2.1	10.4
TOTAL	21.5	13.3	22.2	8.8	16.8	82.6
Pulpwood CORDS						
Mixed Aspen	1122	695	1157	455	879	4308
Red Maple	310	192	318	126	243	1189
Sugar Maple	85	53	88	35	67	328
Paper Birch	92	57	96	38	72	355
TOTAL	1609	997	1659	654	1261	6180

Locator Map 1:200,000