



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7808**

SCHEDULED SALE DATE AND TIME: **2:00 p.m. (local time) on June 24, 2026.**

LOCATION: **SHINGLETON MGMT UNIT, PO BOX 67, M 28 WEST, SHINGLETON, MI 49884.**

CONTACT NAME: Robert Burnham

PHONE NUMBER: (906) 420-1645

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

Munchie Mix (41-006-25) / T47N, R16W, SEC. 16, NW,N1/2SW.

T47N, R16W, SEC. 17, E1/2NE.

T47N, R16W, SEC. 21, NENE,S1/2NE,NESE.

T47N, R16W, SEC. 22, NWNW,S1/2NW,SWNE,NWSW,N1/2SE.

T47N, R16W, SEC. 9, SWSW.

Schoolcraft County, Advertised Price \$32,568.05, 146.2 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Within Payment Unit(s) 2, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen or very dry ground conditions. This restriction is because of the low/wet soils of the unit.

TIMBER SALE INFORMATION

Munchie Mix (41-006-25)

T47N, R16W, SEC. 16; T47N, R16W, SEC. 17; T47N, R16W, SEC. 21; T47N, R16W, SEC. 22; T47N, R16W, SEC. 9.
Schoolcraft County (Advertised Price \$32,568.05)

SALE NOTE: Within Payment Unit(s) 2, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen or very dry ground conditions. This restriction is because of the low/wet soils of the unit.

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	6.5 MBF	\$ 115.00 / MBF
Sugar Maple	33.5 MBF	\$ 336.00 / MBF
Pulpwood		
Balsam Fir	45 Cords	\$ 14.45 / Cord
Mixed Hardwood	663 Cords	\$ 22.65 / Cord
Mixed Spruce	374 Cords	\$ 11.85 / Cord
Paper Birch	11 Cords	\$ 4.20 / Cord
Tamarack	129 Cords	\$ 3.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 16.25 percent. There are an estimated 1,313 cords on this timber sale, plus or minus 214 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 \$1,628.40 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	15.2%
02	17.4%
03	2.3%
04	27.6%
05	27.0%
06	10.5%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2029.

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
103,759	1,313	16.25%	1,100	1,527

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
11	15,130	192	46.47%	103	281
12	2,829	36	79.78%	7	64
28	30,131	381	27.86%	275	488
47	12,231	155	40.30%	92	217
62	43,439	550	27.97%	396	704
TOTAL:	103,759	1,313		873	1,753

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
TOTAL:			

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Sugar Maple	Sawtimber	2.2	MBF	21.5	\$4,964.60
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Hardwood		184	Cords		
	<i>Black Cherry</i>		117	Cords		
	<i>Red Maple</i>		15	Cords		
	<i>Sugar Maple</i>		52	Cords		
2	Balsam Fir	Pulpwood	29	Cords	30.3	\$5,681.20
	Mixed Hardwood		25	Cords		
	<i>Red Maple</i>		25	Cords		
	Mixed Spruce		357	Cords		
	<i>Black Spruce</i>		357	Cords		
	Paper Birch		11	Cords		
	Tamarack		129	Cords		
3	Balsam Fir	Pulpwood	2	Cords	16.4	\$733.15
	Mixed Hardwood		29	Cords		
	<i>American Elm</i>		9	Cords		
	<i>Black Cherry</i>		13	Cords		
	<i>Red Maple</i>		2	Cords		
	<i>Sugar Maple</i>		5	Cords		
	Mixed Spruce		4	Cords		
	<i>White Spruce</i>		4	Cords		
4	Red Maple	Sawtimber	2.4	MBF	28.8	\$8,971.50
	Sugar Maple		15.8	MBF		
	Mixed Hardwood	Pulpwood	149	Cords		
	<i>American Elm</i>		12	Cords		
	<i>Beech</i>		19	Cords		
	<i>Black Cherry</i>		3	Cords		
	<i>Red Maple</i>		12	Cords		
	<i>Sugar Maple</i>		103	Cords		
	Mixed Spruce		1	Cords		
	<i>White Spruce</i>		1	Cords		
	5	Red Maple	Sawtimber	2.4		
Sugar Maple			15.5	MBF		
Mixed Hardwood		Pulpwood	146	Cords		
<i>American Elm</i>			12	Cords		
<i>Beech</i>			19	Cords		
<i>Black Cherry</i>			2	Cords		
<i>Red Maple</i>			12	Cords		
<i>Sugar Maple</i>			101	Cords		
Mixed Spruce			1	Cords		
<i>White Spruce</i>			1	Cords		
6	Red Maple	Sawtimber	1.7	MBF	20.8	\$3,414.85
	Balsam Fir	Pulpwood	10	Cords		
	Mixed Hardwood		130	Cords		
	<i>Beech</i>		21	Cords		
	<i>Black Cherry</i>		2	Cords		
	<i>Red Maple</i>		107	Cords		
	Mixed Spruce		11	Cords		
	<i>White Spruce</i>		11	Cords		
TOTAL:			40.0	MBF		
TOTAL:			1,222	Cords		

Sale Specific Conditions & Requirements

Sale Name: Munchie Mix

Sale Number: 41-006-25 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, red and yellow 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 boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow 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) 2, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut cedar, hemlock or white pine.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1, 3-6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Also cut all merchantable Balsam fir.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) that are \$20,000 or greater in value 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.

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 (4/24)

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

4.2 - Maintenance

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.

4.3 - Public Right-of-Way

4.3.2 - County R-O-W (12/06)

The County must be contacted prior to crossing or harvesting in the County Road R-O-W. This applies to Payment Units 1, 2, 4, 6 along Co Rd 450 and the Wolf Lake Rd.

5 - Operations

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) 2 and 3, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1 to March 31. This restriction is because of soft 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.

5.8 - Protection of Endangered Species

5.8.3 - Red-shouldered Hawk or Goshawk (1) (1/25)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

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 Wolf Lake Road and County road 450 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 41-006-25	Date 08/27/2025	
Scale 1:20,000	Page 1	Of 1

Forest Management Unit Shingleton Mgt Unit	County Schoolcraft	Mapped By: S Kentner
		Cruised By: S Kentner

Township 47N	Range 16W	Section(s) and Subdivision(s) NWNW,S1/2NW,SWNE,NWSW,N1/2SE; Sec. 9 SWSW; Sec. 16 NW,N1/2SW; Sec. 17 E1/2NE; Sec. 21 NENE,S1/2NE,NESE; Sec. 22
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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

Munchie Mix 146.2 Acres

