



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7380**

**SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on March 12, 2024.**

**LOCATION: ATLANTA MGMT UNIT, 13501 M 33, ATLANTA, MI 49709.**

**CONTACT NAME: Matt Foster**

**PHONE NUMBER: (989) 619-5921**

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

**Brand O Mix (54-031-23) / T37N, R01E, SEC. 5 , SWSW.**

**T37N, R01E, SEC. 7 , NENE.**

**T37N, R01E, SEC. 8 , NW,W1/2NE,NWSE.**

**Cheboygan County, Advertised Price \$124,835.15, 101.7 Acres, Aspen, Hardwood.**

**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

Brand O Mix (54-031-23)

T37N, R01E, SEC. 5; T37N, R01E, SEC. 7; T37N, R01E, SEC. 8.  
Cheboygan County (Advertised Price \$124,835.15)

**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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	17.5 MBF	\$ 81.00 / MBF
Red Oak	29.9 MBF	\$ 191.00 / MBF
Sugar Maple	15.1 MBF	\$ 314.00 / MBF
Pulpwood		
Balsam Fir	10 Cords	\$ 22.50 / Cord
Mixed Aspen	3,652 Cords	\$ 26.30 / Cord
Mixed Hardwood	527 Cords	\$ 25.10 / Cord
Paper Birch	82 Cords	\$ 17.15 / Cord
Red Oak	61 Cords	\$ 33.75 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 11.72 percent. There are an estimated 4,295 cords on this timber sale, plus or minus 504 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 \$6,241.76 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	32.4%
02	35.0%
03	32.6%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2026.

### **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
339,296	4,295	11.72%	3,791	4,799

**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
10	339,296	4,295	11.73%	3,791	4,799
TOTAL:	339,296	4,295		3,791	4,799

**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
10	101.7	1	32.9
		2	35.6
		3	33.2
TOTAL:	101.7		101.7

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	5.7	MBF	32.9	\$40,385.85
	Red Oak		9.7	MBF		
	Sugar Maple		4.9	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen		1,181	Cords		
	<i>B. T. Aspen</i>		1,098	<i>Cords</i>		
	<i>Quaking Aspen</i>		83	<i>Cords</i>		
	Mixed Hardwood		170	Cords		
	<i>Red Maple</i>		118	<i>Cords</i>		
	<i>Sugar Maple</i>		52	<i>Cords</i>		
	Paper Birch		27	Cords		
	Red Oak		20	Cords		
2	Red Maple	Sawtimber	6.1	MBF	35.6	\$43,704.85
	Red Oak		10.4	MBF		
	Sugar Maple		5.3	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Aspen		1,279	Cords		
	<i>B. T. Aspen</i>		1,188	<i>Cords</i>		
	<i>Quaking Aspen</i>		91	<i>Cords</i>		
	Mixed Hardwood		185	Cords		
	<i>Red Maple</i>		128	<i>Cords</i>		
	<i>Sugar Maple</i>		57	<i>Cords</i>		
	Paper Birch		28	Cords		
	Red Oak		21	Cords		
3	Red Maple	Sawtimber	5.7	MBF	33.2	\$40,744.45
	Red Oak		9.8	MBF		
	Sugar Maple		4.9	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen		1,192	Cords		
	<i>B. T. Aspen</i>		1,108	<i>Cords</i>		
	<i>Quaking Aspen</i>		84	<i>Cords</i>		
	Mixed Hardwood		172	Cords		
	<i>Red Maple</i>		119	<i>Cords</i>		
	<i>Sugar Maple</i>		53	<i>Cords</i>		
	Paper Birch		27	Cords		
	Red Oak		20	Cords		
TOTAL:			62.5	MBF		
TOTAL:			4,332	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Brand O Mix**

**Sale Number: 54-031-23 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 blue paint, along with roads. 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 roads, as the interior Payment Unit boundary between Payment Units 1 & 2 is unpainted and identified by an unnamed forest road and the interior Payment Unit boundary between Payment Units 2 & 3 is unpainted and identified by a Duck Lake Road (see Timber Sale Map). Boundary excluded retention areas are present and shown on the Timber Sale Map. No harvesting activities may occur within these areas. The red and blue 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) 1-3, cut all trees that are two (2) inches or more at DBH, except do not cut any pine or trees marked with green paint.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing payment units (7/14)**

Payment Unit(s) 1-3 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. No damage is acceptable to undesignated live merchantable trees and designated retention areas. 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)**

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)**

Roads that are overgrown and reopened must be blocked to vehicle traffic upon completion of the sale. Some existing roads may also need to be closed, see the Timber Sale Map for locations. 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

##### 4.2.2 - 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. The Unit Manager or his/her representative must approve the type of fill material used prior to placement. In general, suitable fill material includes cobble and/or crushed rock.

##### 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

###### 5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in openings which are indicated by "G0" on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

##### 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.

##### 5.2.4 - Dead and Down Creation

###### 5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

###### 5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over all trees painted with an orange or pink "D" within Payment Units 1-3. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over. If it becomes impractical or impossible to push over a tree, severing or partially severing the tree is acceptable.

##### 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.

#### 5.8 - 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 roads 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.

#### 6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Black Lake ORV Route (located near the northwest boundary of sale) 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.



## TIMBER SALE MAP

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

Sale Number	Year
54 - 031	23

Forest Management Unit		County	Mapped By	Date	Page	of
Atlanta		Cheboygan	J. St. Pierre	8/29/2023	1	1
Township	Range	Section(s) and Subdivision(s)		Scale		
37N	01E	Sec.5: SWSW Sec.7: NENE Sec.8: NW, W1/2NE, NWSE		1:15,840		

## Cover Type

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

## 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
1	32.9
2	35.6
3	33.2

## Brand O Mix

### Compartment 169

101.7 Acres

