



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6911**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on September 29, 2021.**

LOCATION: **GAYLORD MGMT UNIT, 1732 WEST M 32, GAYLORD, MI 49735.**

CONTACT NAME: Lucas Merrick

PHONE NUMBER: (989) 732-3541

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

A & M Mix (52-104-21) / T37N, R04W, SEC. 11, NW,NWSW.

Emmet County, Advertised Price \$21,796.15, 43.9 Acres, Aspen, Hardwood.

SALE NOTE: The NE part of the sale may be wet during parts of the year.

All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

## TIMBER SALE INFORMATION

A & M Mix (52-104-21)

T37N, R04W, SEC. 11.

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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		
Black Cherry	5.4 MBF	\$ 138.00 / MBF
Quaking Aspen	79.7 MBF	\$ 43.00 / MBF
Red Maple	10.0 MBF	\$ 68.00 / MBF
Pulpwood		
Balsam Fir	15 Cords	\$ 20.60 / Cord
Mixed Hardwood	353 Cords	\$ 16.90 / Cord
Quaking Aspen	632 Cords	\$ 16.70 / Cord
White Spruce	9 Cords	\$ 12.75 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 11.34 percent. There are an estimated 1,151 cords on this timber sale, plus or minus 131 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 \$1,089.81 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 remainder is due before cutting begins.
  - (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	100.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

### **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
90,933	1,151	11.34%	1,021	1,282

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
15	94,664	1,198	11.34%	1,062	1,334
TOTAL:	94,664	1,198		1,062	1,334

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
15	43.9	1	43.9
TOTAL:	43.9		43.9

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	5.4	MBF	43.9	\$21,796.15
	Quaking Aspen		79.7	MBF		
	Red Maple		10.0	MBF		
	Balsam Fir	Pulpwood	15	Cords		
	Balsam Fir	Sawtimber	1.6	MBF		
	Balsam Fir	Pulpwood	12	Cords		
	Mixed Hardwood		353	Cords		
	Black Cherry		148	Cords		
	Red Maple		201	Cords		
	Sugar Maple		4	Cords		
	Quaking Aspen		632	Cords		
	White Spruce		9	Cords		
TOTAL:			95.1	MBF		
TOTAL:			1,009	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: A & M Mix**

**Sale Number: 52-104-21 Seq#: 1**

### **1 - Sale Area**

#### **1.2 - Boundaries**

##### **1.2.1 - Painted boundaries (9/19)**

The sale boundary is marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH, except white pine over 18" at DBH.

### **3 - Payments**

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

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

Payment Unit(s) 1 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.

##### **4.1.7 - Road closure (10/11)**

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. 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. 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**

##### **4.2.5 - 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**

#### **5.1 - Notification**

##### **5.1.1 - Pre-sale conference (10/16)**

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

#### **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.

#### 5.2.22 - Operating Caution

##### 5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of the potential for some areas of the sale to be seasonally wet.

#### 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.

## TIMBER SALE MAP

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

Forest Management Unit		County	Mapped By	Date	Page	of
GFMU - Indian River Field Office		Emmet County	Harig	5/6/2021	1	1
			Cruised By			
Township	Range	Section(s) and Subdivision(s)		Scale		
37N	04W	Section 11: NW1/4, NWSW		1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

**PU Acres**

1	43.9
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**A & M Mix**  
**Compartment 132**  
**43.9 Acres**

