



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6851**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on June 22, 2021.**

LOCATION: **INDIAN RIVER FIELD OFFICE, 6984 WILSON, INDIAN RIVER, MI 49749.**

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:

Hardwood Hardwood (52-105-20) / T36N, R03W, SEC. 7 , SESE.

T36N, R03W, SEC. 8 , SWSW.

Cheboygan County, Advertised Price \$36,696.30, 38.0 Acres, Hardwood, Sugar Maple.

## TIMBER SALE INFORMATION

Hardwood Hardwood (52-105-20)  
T36N, R03W, SEC. 7; T36N, R03W, SEC. 8.  
Cheboygan County (Advertised Price \$36,696.30)

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 T-Sale computer program and our traditional volume equations. 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		
B. T. Aspen	13.8 MBF	\$ 40.00 / MBF
Basswood	15.3 MBF	\$ 43.00 / MBF
Red Maple	2.5 MBF	\$ 66.00 / MBF
Sugar Maple	119.2 MBF	\$ 259.00 / MBF
Pulpwood		
B. T. Aspen	62 Cords	\$ 15.30 / Cord
Mixed Hardwood	250 Cords	\$ 14.00 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 23.12 percent. There are an estimated 614 cords on this timber sale, plus or minus 142 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:**

- A bond in the amount of \$1,834.82 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
  - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - The 10% down payment will be credited towards the first unit cut.
  - 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	97.0%
02	3.0%
- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 06/30/2024.

### **SALE STATISTICS**

#### **SALE VOLUMES**

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
48,481	614	23.12%	472	756

#### **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
3	43,576	552	18.47%	450	653
103	4,922	62	42.07%	36	89
<b>TOTAL:</b>	<b>48,498</b>	<b>614</b>		<b>486</b>	<b>742</b>

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
3	36.8	1	36.8
103	1.2	2	1.2
TOTAL:	38.0		38.0

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	15.3	MBF	36.8	\$35,608.80
	Red Maple		2.5	MBF		
	Sugar Maple		119.2	MBF		
	B. T. Aspen	Pulpwood	27	Cords		
	Mixed Hardwood		250	Cords		
	Basswood		13	Cords		
	Red Maple		13	Cords		
	Sugar Maple		224	Cords		
2	B. T. Aspen	Sawtimber	13.8	MBF	1.2	\$1,087.50
	B. T. Aspen	Pulpwood	35	Cords		
TOTAL:			150.8	MBF		
TOTAL:			312	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Hardwood Hardwood**

**Sale Number: 52-105-20 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 blue, red, and yellow paint. Exterior sale boundary lines adjacent to private property are marked with blue paint. Exterior sale boundary lines adjacent to state property 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.

### **2 - Timber Specifications**

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

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

Within Payment Unit(s) 1, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Within Payment Unit 2, which is a small 1.2-acre canopy gap area, delineated by red and yellow paint, as shown on the map, cut all trees within this boundary regardless of merchantability. Most of these trees will be big-toothed aspen.

#### **2.2 - Utilization**

##### **2.2.3 - Stump heights (4/07)**

Stump heights within 10 feet of Seneca Road shall not exceed 6 inches for all trees.

##### **2.2.6 - Roundwood operation required (5/07)**

The skidding of whole trees or tree segments with limbs attached is prohibited within the Sale Area. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

### **3 - Payments**

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

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

Payment Unit(s) 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. The supplement needs to be signed and returned before harvest operations can begin. 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. 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, chipped, utilized, or otherwise removed from 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, be chipped, utilized, or otherwise removed from the sale. 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. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth.

### 4.2 - Maintenance

#### 4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Seneca Road must always remain passable and free of slash and ruts. There will be no decking of wood and no log trucks will be allowed to travel on Seneca Road due to the narrow width of the road and the private residences that exist there. Harvest equipment will not be allowed to travel on Seneca Road and must only cross it in designated locations. A landing area for decking wood and loading trucks will be constructed off Indian and/or Hardwood Roads.

## 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 to determine landing and road locations.

### 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 red and 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.

##### 5.2.1.8 - 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) 1 and 2, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

##### 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.

### 5.4 - 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 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

### 5.8.3 - Red shoulder hawk or goshawk (2/16)

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 March 15 to July 15. 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.

### 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 (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Seneca, Hardwood, and Indian Roads 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	Year
52-105-20	2020
Date	Page of
07/29/20	1 1

Forest Management Unit	County	Mapped By	Cruised By
GAYLORD-NORTH	CHEBOYGAN	STACKS	STACKS
Township	Range	Section(s) and Subdivision(s)	
36N	03W	7 SESE; 8 SWSW	
Cover Type		Density	
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		
			0 = Non Stocked
			1 = Seeding Sapling Poor
			2 = Seeding Sapling Medium
			3 = Seeding Sapling Well
			4 = Pole Timber Poor
			5 = Pole Timber Medium
			6 = Pole Timber Well
			7 = Saw Timber Poor
			8 = Saw Timber Medium
			9 = Saw Timber Well

COMPARTMENT 140

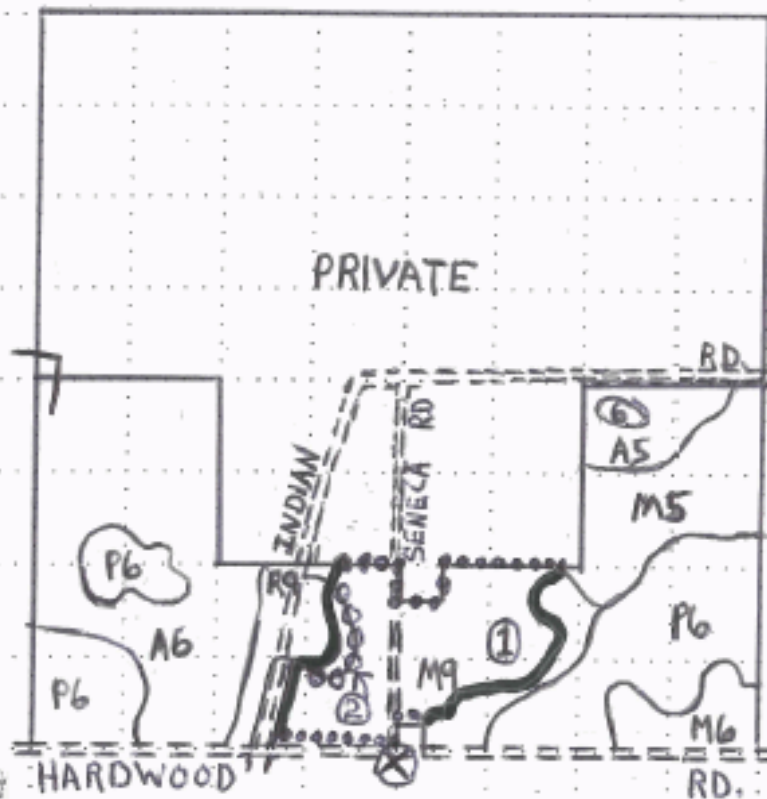
HARDWOOD HARDWOOD

38 ACRES

CHEBOYGAN COUNTY



P.U.	ACRES
1	36.0
2	1.2
	38.0



SALE BOUNDARY  
 PUBLIC (RED) -   
 PRIVATE (BLUE) -   
 PAYMENT UNIT (YELLOW) -   
 P.U. NUMBER - ①  
 COUNTY ROAD -   
 (SEASONAL) -



⊗ - 84.711733°  
 45.521415°

0.5 0.25 0 Miles