



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #5780**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on April 18, 2017.

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

CONTACT NAME: Joyce Angel

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:

Hawthorn Aspen (52-107-16)

Emmet County, Advertised Price \$8,732.60, 83.4 Acres, Aspen, Hardwood.

# TIMBER SALE INFORMATION

Hawthorn Aspen (52-107-16)

Emmet County (Advertised Price \$8,732.60)

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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Pulpwood		
Mixed Hardwood	195.00 Cords	\$ 10.55 / Cord
Quaking Aspen	583.00 Cords	\$ 11.45 / Cord

## **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$436.63 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2020.

## **Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Hardwood	Pulpwood	90.0	Cords	38.5	\$4,029.55
	<i>American Elm</i>		2.0	<i>Cords</i>		
	<i>Basswood</i>		2.0	<i>Cords</i>		
	<i>Paper Birch</i>		4.0	<i>Cords</i>		
	<i>Red Maple</i>		51.0	<i>Cords</i>		
	<i>Sugar Maple</i>		30.0	<i>Cords</i>		
	<i>Yellow Birch</i>		1.0	<i>Cords</i>		
	Quaking Aspen		269.0	Cords		
2	Mixed Hardwood	Pulpwood	105.0	Cords	44.9	\$4,703.05
	<i>American Elm</i>		2.0	<i>Cords</i>		
	<i>Basswood</i>		3.0	<i>Cords</i>		
	<i>Paper Birch</i>		4.0	<i>Cords</i>		
	<i>Red Maple</i>		59.0	<i>Cords</i>		
	<i>Sugar Maple</i>		36.0	<i>Cords</i>		
	<i>Yellow Birch</i>		1.0	<i>Cords</i>		
	Quaking Aspen		314.0	Cords		
TOTAL:			778.0	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Hawthorn Aspen**

**Sale Number: 52-107-16 Seq#: 1**

### **1 - Sale Area**

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (1/14)

The sale boundary and payment unit boundary are marked and identified by red and yellow paint. Exterior sale boundary lines adjacent to state-owned land are marked with red paint. The interior payment unit boundary line is marked with yellow paint.

### **2 - Timber Specifications**

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH except black cherry and incidental hemlock, white pine, red oak, and balsam fir.

#### 2.2 - Utilization

##### 2.2.8 - Utilization and removal (5/14)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the sale area. Retain on site 1/6 to 1/3 of the slash from harvested trees (tree tops and limbs less than four inches in diameter). This is because of biomass retention guidelines.

### **3 - Payments**

#### 3.3 - Pre-measured Sales

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

Payment Unit(s) 1 and 2 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 Supplement. 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, 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. 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.

### **5 - Operations**

#### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/11)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to discuss contract specifications and to determine landing and road locations.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.1 - Slash within sale area (2/04)

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 paint line.

#### 5.2.2 - Hazard Trees/Snags

##### 5.2.2.1 - Den trees (2/04)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

#### 5.2.29 - Shrub protection (9/07)

Do not cut or damage hawthorn, witch-hazel, dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species. The number of skid roads shall be minimized to help reduce damage to these shrubs. The DNR timber sale administrator will give direction to the equipment operators as to the location of the skid roads and placement of landings.

#### 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. Slash, 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. Stumps will be removed from the landing area and dispersed back into the sale area. Piles of topsoil will need to be spread out evenly.

### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and 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 (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Robinson Rd. 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
52-107-16	2016

Date	Page	of
06/10/2016	1	1

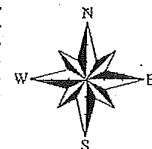
Forest Management Unit <b>GAYLORD - NORTH</b>	County <b>EMMET</b>	Mapped By <b>STACKS</b>	Date <b>06/10/2016</b>	Page <b>1</b>	of <b>1</b>
Township <b>T35N</b>	Range <b>R05W</b>	Section(s) and Subdivision(s) <b>31 E 1/2 NW, SWNE, NESW, N 1/2 SE, SWSE</b>			
Cover Type			Density		
A = Aspen B = Paper Birch C = Cedar D = Treed Bog E = Swamp Hardwoods F = Spruce/Fir G = Grass H = Hemlock	J = Jack Pine K = Rock L = Lowland Brush LM = Lowland Mix Forest M = Maple, Beech, Birch MC = Mixed Conifer MD = Mixed Deciduous N = Marsh	O = Oak P = Lowland Poplar Q = Mixed Swamp Conifer R = Red Pine S = Black Spruce T = Tamarack	U = Upland Brush UM = Upland Mix Forest V = Bog or Marsh W = White Pine X = Non Stocked Y = Sand Z = Water	0 = Non Stocked 1 = Seedling Sapling Poor 2 = Seedling Sapling Medium 3 = Seedling 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 110

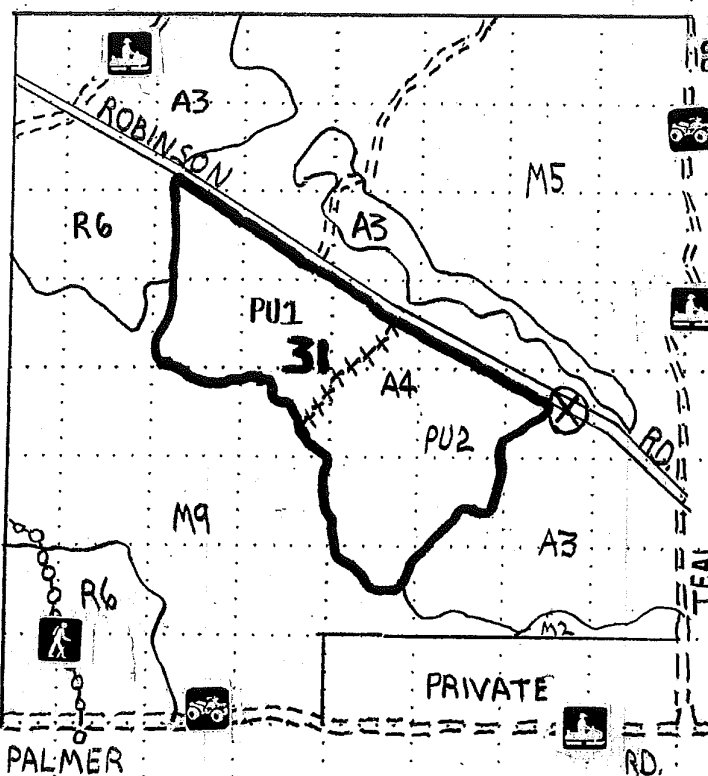
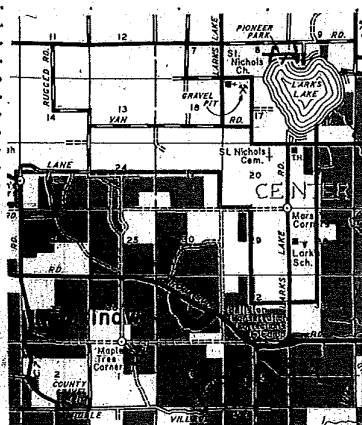
HANTHORN ASPEN

EMMET COUNTY

83.4 ACRES



UNIT	ACRES
1	38.5
2	44.9
	83.4

PUBLIC BOUNDARY  
(RED PAINT) -

PAYMENT UNIT - PU1

P.U. BOUNDARY  
(YELLOW PAINT) - XXXXXX

SNOWMOBILE TRAIL -

ORV ROUTE -

NORTH COUNTRY  
PATHWAY

POOR DIRT ROAD -

X - 84°57'35.01"W  
45°33'27.62"N

0.5 0.25 0 Miles

1:15,840