



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7404**

**SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on April 9, 2024.**

**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:

First Time Popple and Pine (52-119-23) / T36N, R01W, SEC. 26, N1/2NW.

T36N, R01W, SEC. 27, SENW,NENE,S1/2NE.

Cheboygan County, Advertised Price \$41,632.05, 55.9 Acres, Hardwood, Red Pine.

SALE NOTE: Primary access for Payment Unit 1 will be the snowmobile trail. Possible alternative access through private to the north. Primary access to Payment Unit 2 will be through private to the west. Alternative route will be the snowmobile trail. Payment Unit 1 has fair quality red pine. Payment Unit 2 has pockets of large DBH/higher volume of aspen and red maple with pockets of low ground, low volume. Recommended summer or winter harvest.

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. Access may be through private land.

## TIMBER SALE INFORMATION

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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		
Red Maple	33.0 MBF	\$ 181.00 / MBF
Pulpwood		
B. T. Aspen	277 Cords	\$ 20.60 / Cord
Balsam Fir	131 Cords	\$ 17.55 / Cord
Paper Birch	14 Cords	\$ 16.30 / Cord
Quaking Aspen	60 Cords	\$ 20.60 / Cord
Red Maple	317 Cords	\$ 23.20 / Cord
Red Pine	384 Cords	\$ 49.05 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 15.83 percent. There are an estimated 1,249 cords on this timber sale, plus or minus 198 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 \$4,163.21 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	45.2%
02	54.8%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

### **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
98,673	1,249	15.83%	1,051	1,447

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
9	68,352	865	20.02%	692	1,038
17	30,321	384	30.05%	268	499
TOTAL:	98,673	1,249		961	1,538

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
9	39.2	2	39.2
17	16.7	1	16.7
TOTAL:	55.9		55.9

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Pulpwood	384	Cords	16.7	\$18,835.20
2	Red Maple	Sawtimber	33.0	MBF	39.2	\$22,796.85
	B. T. Aspen	Pulpwood	277	Cords		
	Balsam Fir		131	Cords		
	Paper Birch		14	Cords		
	Quaking Aspen		60	Cords		
	Red Maple		317	Cords		
TOTAL:			33.0	MBF		
TOTAL:			1,183	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: First Time Popple and Pine**

**Sale Number: 52-119-23 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 blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint.

### **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 any oak or pine species.

##### **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.

### **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)**

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. 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, any private access roads used 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.

#### **4.4 - Access**

##### **4.4.1 - Private property access (3/11)**

Permission for access across private land may be possible. If private access permissions are denied at time of harvest, both Payment Units can be accessed off of the North Eastern State Trail.

### **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 5 days in advance to schedule the conference.

### 5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

## 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.

### 5.2.4 - Dead and Down Creation

#### 5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees, nine (9) inches or larger in diameter on the ground for every two acres. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of 10 feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

### 5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

Timber mats or interlocking composite mats may be needed if accessing Payment Unit 2 from the east via the North Eastern State Trail. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

### 5.2.22 - Operating Caution

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

It is recommended, but not required, that within Payment Unit(s) 2, cutting, skidding, and hauling occur during dry summer or frozen winter conditions with tracked equipment. The reason for the recommendation is due to pockets of wetter ground within and east of the Payment Unit.

### 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.

### 5.2.41 - Snowmobile trail protection (9/11)

The North Eastern State Trail is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used for hauling, it can only be used during winter (frozen) or summer (dry) conditions and must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail.

## 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

### 5.8.3 - Red shoulder hawk or goshawk (1) (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 (NLP). 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

#### 6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the North Eastern State Trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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.

**TIMBER SALE MAP**

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

Sale Number	Year
52 - 119	23

Forest Management Unit	County	Mapped By	Date	Page	of
Gaylord	Cheboygan	TSP	09/19/2023	1	1
Cruised By					
Scheele					

Township	Range	Section(s) and Subdivision(s)	Scale
36N	01W	26: N1/2NW; 27: SENW, NENE, S1/2NE	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	

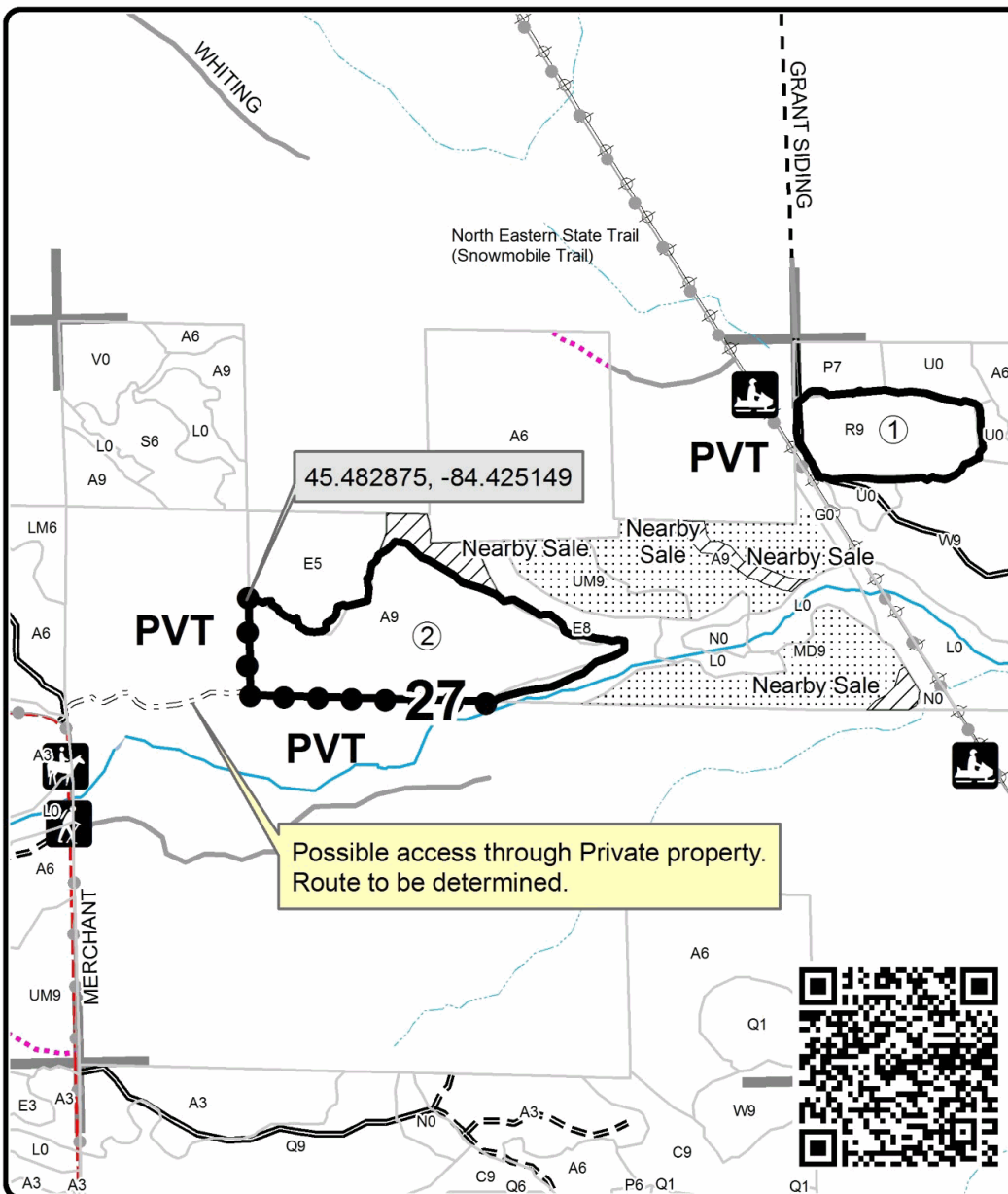
**Density**

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	16.7
2	39.2

## First Time Popple and Pine

Compartment 189  
55.9 Acres

**Legend**

- Against State (Red)
- Private Line (Blue)
- ▨ Retention Area
- ⋯ Nearby Timber Sales
- Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- == Forest Access Route
- - Gravel Road
- - County Road - Seasonal
- Private
- ⋯ Temporary Management Access
- ⋯ Intermittent Stream
- Perennial River
- Lakes and Rivers
- Section Corners

Locator Map  
1:200,000

