



**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:

Hydrargyrum Mix (52-111-23) / T34N, R03W, SEC. 3 , NWNW.

T35N, R03W, SEC. 33, E1/2SE.

T35N, R03W, SEC. 34, NW,W1/2SW.

Cheboygan County, Advertised Price \$47,429.15, 72.9 Acres, Aspen, Jack Pine.

SALE NOTE: Oak wilt restrictions (no exceptions) apply.

Snowmobile trail may not be used for operations during the snowmobile season, but alternate access may be considered during this time.

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

### Hydrargyrum Mix (52-111-23)

T34N, R03W, SEC. 3; T35N, R03W, SEC. 33; T35N, R03W, SEC. 34.  
Cheboygan County (Advertised Price \$47,429.15)

SALE NOTE: Oak wilt restrictions (no exceptions) apply.

Snowmobile trail may not be used for operations during the snowmobile season, but alternate access may be considered during this time.

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		
Jack Pine	21.8 MBF	\$ 33.00 / MBF
Mixed Aspen	230.8 MBF	\$ 60.00 / MBF
Red Maple	16.0 MBF	\$ 181.00 / MBF
Pulpwood		
Balsam Fir	2 Cords	\$ 17.55 / Cord
Jack Pine	227 Cords	\$ 18.05 / Cord
Mixed Aspen	818 Cords	\$ 20.60 / Cord
Northern Pin Oak	69 Cords	\$ 39.75 / Cord
Red Maple	138 Cords	\$ 23.20 / Cord
Red Oak	22 Cords	\$ 39.75 / Cord
Red Pine	20 Cords	\$ 49.05 / Cord
White Pine	31 Cords	\$ 38.15 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 26.01 percent. There are an estimated 1,969 cords on this timber sale, plus or minus 512 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 \$2,371.46 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	24.4%
02	29.9%
03	29.7%
04	16.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2026.

### **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
155,548	1,969	26.01%	1,457	2,481

## 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
8	38,716	490	35.15%	318	662
10	91,803	1,162	26.21%	858	1,467
43	25,029	317	38.52%	195	439
<b>TOTAL:</b>	<b>155,548</b>	<b>1,969</b>		<b>1,370</b>	<b>2,568</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
8	15.0	1	15.0
10	40.5	2	20.4
		3	20.1
43	17.4	4	17.4
<b>TOTAL:</b>	<b>72.9</b>		<b>72.9</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Mixed Aspen	Sawtimber	76.5	MBF	15.0	\$11,550.40			
	B. T. Aspen		76.5	MBF					
	Mixed Aspen	Pulpwood	266	Cords					
	B. T. Aspen		266	Cords					
	Northern Pin Oak		10	Cords					
	Northern Pin Oak		10	Cords					
	Red Maple		9	Cords					
	Red Oak		22	Cords					
	Red Oak	Sawtimber	8.1	MBF					
Red Oak	Pulpwood	6	Cords						
2	Jack Pine	Sawtimber	4.6	MBF	20.4	\$14,257.30			
	Mixed Aspen		75.2	MBF					
	B. T. Aspen		72.3	MBF					
	Quaking Aspen		2.9	MBF					
	Red Maple		5.8	MBF					
	Jack Pine	Pulpwood	28	Cords					
	Mixed Aspen		267	Cords					
	B. T. Aspen		221	Cords					
	Quaking Aspen		46	Cords					
	Northern Pin Oak		30	Cords					
	Northern Pin Oak	Sawtimber	3.9	MBF					
	Northern Pin Oak	Pulpwood	22	Cords					
	Red Maple		58	Cords					
	3	Jack Pine	Sawtimber	4.5			MBF	20.1	\$14,084.90
		Mixed Aspen		74.1			MBF		
B. T. Aspen			71.2	MBF					
Quaking Aspen			2.9	MBF					
Red Maple			5.7	MBF					
Jack Pine		Pulpwood	28	Cords					
Mixed Aspen			264	Cords					
B. T. Aspen			218	Cords					
Quaking Aspen			46	Cords					
Northern Pin Oak			30	Cords					
Northern Pin Oak		Sawtimber	3.8	MBF					
Northern Pin Oak		Pulpwood	22	Cords					
Red Maple			57	Cords					
4		Jack Pine	Sawtimber	12.7	MBF	17.4	\$7,576.30		
		Mixed Aspen		5.0	MBF				
	B. T. Aspen		5.0	MBF					
	Red Maple		4.5	MBF					
	Balsam Fir	Pulpwood	2	Cords					
	Jack Pine		171	Cords					
	Mixed Aspen		21	Cords					
	B. T. Aspen		21	Cords					
	Red Maple		14	Cords					
	Red Pine		20	Cords					
	Red Pine	Sawtimber	6.2	MBF					
	Red Pine	Pulpwood	8	Cords					
	White Pine		31	Cords					
	White Pine	Sawtimber	7.9	MBF					
	White Pine	Pulpwood	15	Cords					
TOTAL:			268.6	MBF					
TOTAL:			1,328	Cords					

## **Sale Specific Conditions & Requirements**

**Sale Name: Hydrargyrum Mix**

**Sale Number: 52-111-23 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 paint, along with a snowmobile trail.

Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are unpainted and identified by the snowmobile trail (see Timber Sale Map). The 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) 4, cut all trees that are two (2) inches or more at DBH, except do not cut any red and white pine that are twenty-four (24) inches or more at DBH, oak, or hemlock.

##### **2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)**

Within Payment Unit(s) 1-3, cut all trees which meet minimum piece specifications in 2.2 Utilization, with the following exceptions:

- Within Payment Unit 1, do not cut any oak that are twenty-four (24) inches or more at DBH, red pine, white pine, or white oak.
- Within Payment Units 2 & 3, do not cut any oak that are twenty (20) inches or more at DBH, red pine, white pine, or white oak.

#### **2.2 - Utilization**

##### **2.2.9 - No chipping permitted (12/08)**

Within Payment Unit(s) 1-4, all wood must be removed by roundwood. No chipping is permitted.

### **4 - Transportation**

#### **4.1 - Construction**

##### **4.1.12 - No new roads (1/12)**

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

#### **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**

#### **5.2 - Conduct of Operations**

##### **5.2.3 - Operating Restrictions**

##### **5.2.3.4 - Oak wilt restriction, no exceptions (1/18)**

Within Payment Units 1-4, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

#### 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.

##### 5.2.29 - Shrub protection (1/20)

Do not cut or damage hawthorn, witch-hazel, dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

##### 5.2.39 - ORV trail/route protection (4/18)

The ORV route is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

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

Snowmobile Trail 767 is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. Maintain a 10-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 10 feet of the snowmobile trail must be cut at ground level or with a minimum 4-foot stump.

#### 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

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

The Purchaser is responsible for posting and maintaining caution signs on Snowmobile Trail 767 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. 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 ORV route 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
52 - 111	23

Forest Management Unit		County	Mapped By	Date	Page	of
Gaylord		Cheboygan	TSP	09/28/2023	1	1
Township		Range	Section(s) and Subdivision(s)	Scale		
34N & 35N		03W	34N 03W Sec 3: NWNW; 35N 03W Sec 33: E1/2SE; 34: NW, W1/2SW	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	PU	Acres
1	15.0	4	17.4
2	20.4		
3	20.1		

## Hydrargyrum Mix

Compartment 142 & 151  
72.9 Acres

