



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7101**

**SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on August 30, 2022.**

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

**CONTACT NAME: Lucas Merrick**

**PHONE NUMBER: (989) 732-3541**

**PROSPECTUS NOTE:** All bid openings for the Gaylord Management Unit (Gaylord Field Office and Indian River Field Office) will be held at the Gaylord Field Office regardless of sale location within the unit. All payments and contract executions will now be handled through the Gaylord Field Office. The Indian River Field Office will no longer accept payments or hard paper copies of timber sale bids. Payments for all contracts, use permits, bonds, etc. should be sent to the Gaylord Field Office.

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:

Matty Mix (52-004-22) / T29N, R04W, SEC. 35, SESE.

T29N, R04W, SEC. 36, E1/2NW, W1/2NE, SW.

Otsego County, Advertised Price \$76,454.50, 101.6 Acres, Hardwood, White Pine.

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

Good access, dry site

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

Matty Mix (52-004-22)

T29N, R04W, SEC. 35; T29N, R04W, SEC. 36.

Otsego County (Advertised Price \$76,454.50)

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Good access, dry site

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		
Basswood	3.8 MBF	\$ 66.00 / MBF
Beech	6.9 MBF	\$ 59.00 / MBF
Mixed Aspen	38.0 MBF	\$ 63.00 / MBF
Red Maple	86.9 MBF	\$ 112.00 / MBF
Red Oak	18.1 MBF	\$ 99.00 / MBF
Sugar Maple	38.8 MBF	\$ 460.00 / MBF
White Pine	149.9 MBF	\$ 54.00 / MBF
Pulpwood		
Basswood	5 Cords	\$ 14.40 / Cord
Mixed Aspen	435 Cords	\$ 23.05 / Cord
Mixed Hardwood	527 Cords	\$ 20.20 / Cord
Red Oak	91 Cords	\$ 34.25 / Cord
White Pine	516 Cords	\$ 23.40 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.99 percent. There are an estimated 2,471 cords on this timber sale, plus or minus 173 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 \$3,822.73 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	17.3%
02	41.1%
03	24.6%
04	17.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2024.

### **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
195,199	2,471	6.99%	2,298	2,644

## 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
107	58,292	738	24.29%	559	917
109	72,131	913	21.75%	714	1,112
120	51,579	653	38.20%	403	902
125	13,196	167	42.60%	96	238
<b>TOTAL:</b>	<b>195,199</b>	<b>2,471</b>		<b>1,772</b>	<b>3,169</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
107	47.8	1	24.0
		3	23.6
		4	0.2
109	29.7	2	29.7
120	16.3	3	6.4
		4	9.9
125	7.8	4	7.8
<b>TOTAL:</b>	<b>101.6</b>		<b>101.6</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	1.9	MBF	24.0	\$13,245.10
	Mixed Aspen		9.6	MBF		
	<i>B. T. Aspen</i>		3.3	<i>MBF</i>		
	<i>Quaking Aspen</i>		6.3	<i>MBF</i>		
	Red Maple		23.1	MBF		
	Red Oak		2.4	MBF		
	Sugar Maple		9.8	MBF		
	White Pine		10.9	MBF		
	Basswood	Pulpwood	3	Cords		
	Mixed Aspen		69	Cords		
	<i>B. T. Aspen</i>		9	<i>Cords</i>		
	<i>Quaking Aspen</i>		60	<i>Cords</i>		
	Mixed Hardwood		122	Cords		
	<i>Beech</i>		15	<i>Cords</i>		
	<i>Ironwood</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		88	<i>Cords</i>		
	<i>Sugar Maple</i>		14	<i>Cords</i>		
	Red Oak		9	Cords		
	White Pine		8	Cords		
2	Beech	Sawtimber	6.9	MBF	29.7	\$31,383.25
	Mixed Aspen		3.7	MBF		
	<i>Quaking Aspen</i>		3.7	<i>MBF</i>		
	Red Maple		40.9	MBF		
	Red Oak		13.3	MBF		
	Sugar Maple		19.3	MBF		
	White Pine		64.7	MBF		
	Mixed Aspen	Pulpwood	54	Cords		
	<i>Quaking Aspen</i>		54	<i>Cords</i>		
	Mixed Hardwood		285	Cords		
	<i>Beech</i>		69	<i>Cords</i>		
	<i>Red Maple</i>		139	<i>Cords</i>		
	<i>Sugar Maple</i>		77	<i>Cords</i>		
	Red Oak		73	Cords		
	White Pine		127	Cords		
3	Basswood	Sawtimber	1.9	MBF	30.0	\$18,824.70
	Mixed Aspen		11.4	MBF		
	<i>B. T. Aspen</i>		3.3	<i>MBF</i>		
	<i>Quaking Aspen</i>		8.1	<i>MBF</i>		
	Red Maple		22.7	MBF		
	Red Oak		2.4	MBF		
	Sugar Maple		9.6	MBF		
	White Pine		34.0	MBF		
	Basswood	Pulpwood	2	Cords		
	Mixed Aspen		113	Cords		
	<i>B. T. Aspen</i>		8	<i>Cords</i>		
	<i>Quaking Aspen</i>		105	<i>Cords</i>		
	Mixed Hardwood		119	Cords		
	<i>Beech</i>		15	<i>Cords</i>		
	<i>Ironwood</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		87	<i>Cords</i>		
	<i>Sugar Maple</i>		13	<i>Cords</i>		
	Red Oak		9	Cords		
	White Pine		154	Cords		
4	Mixed Aspen	Sawtimber	13.3	MBF	17.9	\$13,001.45
	<i>Quaking Aspen</i>		13.3	<i>MBF</i>		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Red Maple	Sawtimber	0.2	MBF		
	Sugar Maple		0.1	MBF		
	White Pine		40.3	MBF		
	Mixed Aspen	Pulpwood	199	Cords		
	<i>Quaking Aspen</i>		199	<i>Cords</i>		
	Mixed Hardwood		1	Cords		
	<i>Red Maple</i>		1	<i>Cords</i>		
	White Pine		227	Cords		
TOTAL:			342.4	MBF		
TOTAL:			1,574	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Matty Mix**

**Sale Number: 52-004-22 Seq#: 1**

### **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 against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### **2 - Timber Specifications**

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1-4, cut all trees that are two (2) inches or more at DBH, except white pine that are over 18 inches at DBH within Payment Unit 2.

### **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. 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.

##### 4.1.12 - 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

##### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads 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.

##### 4.2.5 - 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

### 5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the MISS DIG call line 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

## 5.2 - Conduct of Operations

### 5.2.1 - Slash

#### 5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 36 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

#### 5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) unless changed by written agreement, 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. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

#### 5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit to minimize damage to the new regeneration. Any post-harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

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

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

### 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 snowmobile trail 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, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it 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. The snowmobile trail may only be crossed at right angles. Maintain a 20-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 20 feet of the snowmobile trail must be cut at ground level.

## 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

#### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Lynn Lake Road 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.

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

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile 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.



**TIMBER SALE MAP**

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

Sale Number	Year
52 - 004	22

Forest Management Unit Gaylord	County Otsego	Mapped By Crew	Date 06/06/2022	Page 1	of 1
Township 29N	Range 04W	Section(s) and Subdivision(s) 35 - SE/SE; 36 - E1/2NW,W1/2NE,SW	Cruised By Crew	Scale 1:15,840	

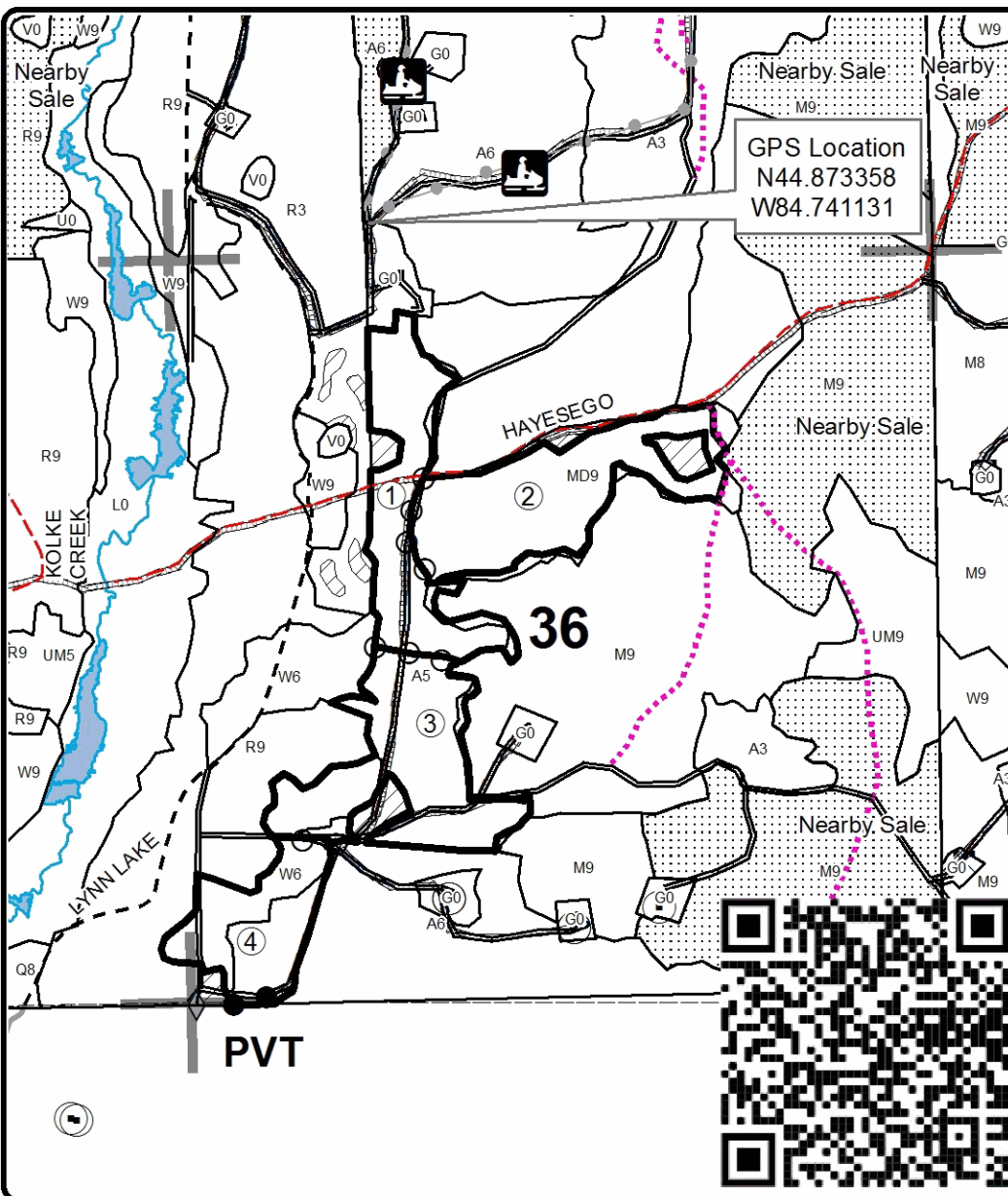
**Cover Type**

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	24	4	17.9
2	29.7		
3	30		

**Matty Mix**  
Compartment 021  
101.6 Acres**Legend**

- Stand Boundaries
- Recreational Trail
- Oil & Gas Well Surface Locations
- Secondary Forest Road
- Gravel Road
- County Road - Seasonal
- Private
- Temporary Management Access
- Perennial River
- Lakes and Rivers
- Retention Area
- Payment Unit (Yellow)
- Private Line (Blue)
- Nearby Timber Sales
- Section Corners
- Against State (Red)

Locator Map  
1:200,000