



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7397**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on March 26, 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:

Second Survey Mix (52-109-23) / T33N, R03W, SEC. 10, SESW,S1/2SE.

Cheboygan County, Advertised Price \$45,141.80, 34.2 Acres, Hardwood, Red Pine.

SALE NOTE: 6" stump heights required and there are many large, multi-stemmed red maple scattered throughout the sale that will need to be taken down to or below 6". Slash must be treated for reforestation efforts (see spec 5.2.1.11).

Sale contains trace amounts of bigtooth aspen, basswood, and beech not picked up on cruise.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Paper Birch	5.7 MBF	\$ 40.00 / MBF
Quaking Aspen	24.8 MBF	\$ 49.00 / MBF
Red Maple	13.3 MBF	\$ 146.00 / MBF
Red Pine	96.9 MBF	\$ 105.00 / MBF
Pulpwood		
Balsam Fir	8 Cords	\$ 14.05 / Cord
Mixed Hardwood	323 Cords	\$ 18.70 / Cord
Paper Birch	9 Cords	\$ 13.05 / Cord
Quaking Aspen	71 Cords	\$ 16.65 / Cord
Red Pine	614 Cords	\$ 39.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 24.84 percent. There are an estimated 1,336 cords on this timber sale, plus or minus 332 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 \$2,257.09 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 remainder is due before cutting begins.
 - (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	100.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

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
105,565	1,336	24.84%	1,004	1,668

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
12	17,322	219	66.38%	74	365
18	70,705	895	21.72%	701	1,089
21	17,537	222	60.75%	87	357
TOTAL:	105,565	1,336		861	1,811

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
12	11.2	1	11.2
18	14.7	1	14.7
21	8.3	1	8.3
TOTAL:	34.2		34.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Paper Birch	Sawtimber	5.7	MBF	34.2	\$45,141.80	
	Quaking Aspen		24.8	MBF			
	Red Maple		13.3	MBF			
	Red Pine		96.9	MBF			
	Balsam Fir		Pulpwood	8			Cords
	Mixed Hardwood			323			Cords
	<i>Sugar Maple</i>	<i>Sawtimber</i>		1.7			<i>MBF</i>
	<i>Black Cherry</i>	<i>Pulpwood</i>		16			<i>Cords</i>
	<i>Ironwood</i>	3		<i>Cords</i>			
	<i>Red Maple</i>	286		<i>Cords</i>			
	<i>Sugar Maple</i>	15	<i>Cords</i>				
	Paper Birch	9	Cords				
	Quaking Aspen	71	Cords				
	Red Pine	614	Cords				
TOTAL:			140.7	MBF			
TOTAL:			1,025	Cords			

Sale Specific Conditions & Requirements

Sale Name: Second Survey Mix

Sale Number: 52-109-23 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is 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. 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) 1, cut all trees that are two (2) inches or more at DBH.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

4 - Transportation

4.1 - Construction

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 as designated by the Sale Administrator unless otherwise utilized by the Purchaser. If utilized, trees harvested for road construction or improvements must be paid for at the contract price or, if none, at the current market value. 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.

4.1.8 - Road work (1) (8/07)

The following road work may be required: the forest road crosses onto private property in section 15. Permission must be granted (to be obtained by the Purchaser) to use this portion of the road. If permission is not received, the Purchaser may need to build new road across State Forest Land unless utilizing an alternative access route.

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.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

Within the Sale Area, chipping is encouraged as it is the most effective and efficient way to mitigate slash for

reforestation. Other tactics to mitigate slash for site preparation would need to be approved by the Unit Manager or his/her representative. Liquidated damages may be assessed at \$250 per acre if it is determined that slash mitigation was inadequate and mastication is needed for the DNR to conduct site preparation for planting. Slash treatment may require that all slash be skidded to the perimeter of the Sale Area as directed by the Sale Administrator.

5.2.4 - Dead and Down Creation

5.2.4.6 - Dead and down creation, other (9/09)

Red painted boundary trees are to be cut, felled, and left adjacent to the stump outside of the Sale Area. The intent is to create dead and downed cover along the edge for grouse and snowshoe hare.

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 the hauling route 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 - 109	23

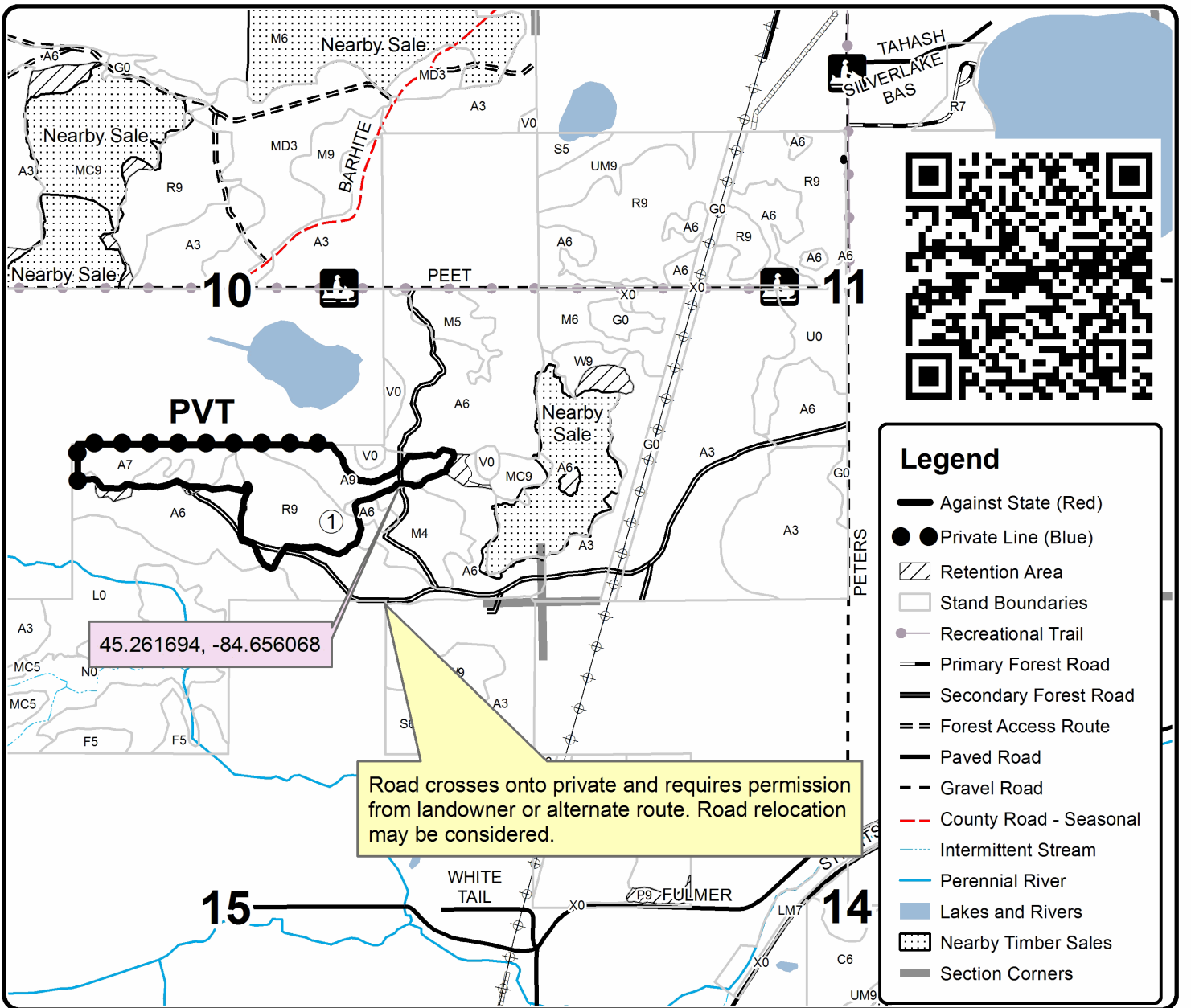
Forest Management Unit Gaylord	County Cheboygan	Mapped By TSP	Date 09/11/2023	Page 1	of 1
Cruised By TSP					

Township 33N	Range 03W	Section(s) and Subdivision(s) 10: SESW, S1/2SE	Scale 1:15,840
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Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU Acres
1 34.2

Second Survey Mix Compartment 156 34.2 Acres



Legend

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

