



**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:

Some Beech Mix (52-110-23) / T35N, R01W, SEC. 17, N1/2NW,NE,N1/2SW,SESW,NESE.
T35N, R01W, SEC. 8 , SWSW.

Cheboygan County, Advertised Price \$163,378.60, 129.7 Acres, Aspen, Hardwood.

SALE NOTE: Payment Unit 1 requires a 6" stump height and treatment of slash. Payment Units 2 & 3 have oak wilt restrictions for all operations; Payment Unit 1 has oak wilt restrictions for road work only. Note that the beech is deteriorating in Payment Unit 1.

TIMBER SALE INFORMATION

Some Beech Mix (52-110-23)

T35N, R01W, SEC. 17; T35N, R01W, SEC. 8.
Cheboygan County (Advertised Price \$163,378.60)

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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		
Basswood	94.2 MBF	\$ 88.00 / MBF
Beech	23.8 MBF	\$ 45.00 / MBF
Mixed Aspen	661.9 MBF	\$ 60.00 / MBF
Paper Birch	2.7 MBF	\$ 50.00 / MBF
Red Maple	24.3 MBF	\$ 181.00 / MBF
Red Pine	3.0 MBF	\$ 132.00 / MBF
Sugar Maple	150.8 MBF	\$ 313.00 / MBF
Pulpwood		
Basswood	98 Cords	\$ 16.00 / Cord
Mixed Aspen	1,610 Cords	\$ 20.60 / Cord
Mixed Hardwood	1,099 Cords	\$ 23.20 / Cord
Paper Birch	2 Cords	\$ 16.30 / Cord
Red Oak	43 Cords	\$ 39.75 / Cord
Red Pine	1 Cords	\$ 49.05 / Cord
White Pine	4 Cords	\$ 38.15 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.06 percent. There are an estimated 5,087 cords on this timber sale, plus or minus 461 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 \$8,168.93 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	23.2%
02	32.1%
03	44.7%
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
401,911	5,087	9.06%	4,626	5,549

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
7	111,984	1,418	18.12%	1,161	1,674
21	84,557	1,070	18.57%	872	1,269
25	100,725	1,275	17.84%	1,047	1,503
40	104,645	1,325	17.98%	1,086	1,563
TOTAL:	401,911	5,087		4,166	6,009

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
7	34.6	2	34.6
21	23.5	3	23.5
25	42.8	1	42.8
40	28.8	3	28.8
TOTAL:	129.7		129.7

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Basswood	Sawtimber	32.7	MBF	42.8	\$37,857.70			
	Beech		20.7	MBF					
	Mixed Aspen		31.0	MBF					
	<i>B. T. Aspen</i>		31.0	<i>MBF</i>					
	Red Maple		20.4	MBF					
	Red Pine		3.0	MBF					
	Sugar Maple		22.5	MBF					
	Basswood		Pulpwood	47			Cords		
	Mixed Aspen			358			Cords		
	<i>B. T. Aspen</i>			352			<i>Cords</i>		
	<i>Quaking Aspen</i>			6			<i>Cords</i>		
	Mixed Hardwood			475			Cords		
	<i>Beech</i>			224			<i>Cords</i>		
	<i>Ironwood</i>			2			<i>Cords</i>		
	<i>Red Maple</i>	58		<i>Cords</i>					
	<i>Sugar Maple</i>	191		<i>Cords</i>					
	Red Oak	43		Cords					
	<i>Red Oak</i>	<i>Sawtimber</i>	3.9	<i>MBF</i>					
	<i>Red Oak</i>		<i>Pulpwood</i>	35			<i>Cords</i>		
	Red Pine			1			Cords		
	White Pine	4	Cords						
2	Basswood	Sawtimber	36.7	MBF	34.6	\$52,390.80			
	Beech		2.5	MBF					
	Mixed Aspen		221.1	MBF					
	<i>B. T. Aspen</i>		188.0	<i>MBF</i>					
	<i>Balsam Poplar</i>		4.8	<i>MBF</i>					
	<i>Quaking Aspen</i>		28.3	<i>MBF</i>					
	Paper Birch		2.7	MBF					
	Sugar Maple		69.9	MBF					
	Basswood		Pulpwood	32			Cords		
	Mixed Aspen			330			Cords		
	<i>B. T. Aspen</i>			297			<i>Cords</i>		
	<i>Balsam Poplar</i>			6			<i>Cords</i>		
	<i>Quaking Aspen</i>			27			<i>Cords</i>		
	Mixed Hardwood			277			Cords		
	<i>Beech</i>	56		<i>Cords</i>					
	<i>Ironwood</i>	2		<i>Cords</i>					
	<i>Striped Maple</i>	2		<i>Cords</i>					
	<i>Sugar Maple</i>	217		<i>Cords</i>					
	Paper Birch	2	Cords						
	3	Basswood	Sawtimber	24.8			MBF	52.3	\$73,130.10
		Beech		0.6			MBF		
Mixed Aspen		409.8		MBF					
<i>B. T. Aspen</i>		392.2		<i>MBF</i>					
<i>Quaking Aspen</i>		17.6		<i>MBF</i>					
Red Maple		3.9		MBF					
Sugar Maple		58.4		MBF					
Basswood		Pulpwood		19	Cords				
Mixed Aspen				922	Cords				
<i>B. T. Aspen</i>				821	<i>Cords</i>				
<i>Quaking Aspen</i>				101	<i>Cords</i>				
Mixed Hardwood				347	Cords				
<i>Beech</i>				7	<i>Cords</i>				
<i>Black Cherry</i>				7	<i>Cords</i>				
<i>Red Maple</i>			30	<i>Cords</i>					

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
3 con't	<i>Sugar Maple</i>	<i>Pulpwood</i>	278	<i>Cords</i>		
	<i>White Ash</i>		25	<i>Cords</i>		
TOTAL:			960.7	MBF		
TOTAL:			2,857	Cords		

Sale Specific Conditions & Requirements

Sale Name: Some Beech Mix

Sale Number: 52-110-23 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. Retention patches are marked with red paint; no harvesting activities may occur within these areas. 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, except do not cut any trees marked with teal paint.

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

Within Payment Unit(s) 2 & 3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any conifer species or oak.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit 1 must be chip harvested to facilitate subsequent planting operations. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the Sale Administrator. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. Other tactics to mitigate slash for site preparation may include skidding slash onto steeper hillsides and/or the Payment Unit perimeter, as directed by the Timber Sale Administrator. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter does not apply (G. C. & R. 2.2). This is to facilitate future planting operations.

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit 1 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations. An exception may be made on hillsides with 45% slope or greater.

3 - Payments

3.6 - Payment Unit Cutting Schedule

3.6.1 - Order of cutting (1/09)

Payment Units shall be cut in numerical order.

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 if not otherwise utilized by the Producer.

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. Stumps shall be set upright, not left on

edge, and be moved at least 10 feet away from the road edge unless utilized to block new roads upon closure of the sale, or if otherwise directed by the Sale Administrator. Disturbed soil shall be feathered into the woods and not left in berms or windrows. Disturbed soil may alternatively be used to rehabilitate the road upon closure if directed by the Sale Administrator.

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 may require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

5 - Operations

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.

5.2.3 - Operating Restrictions

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

Within Payment Units 2 & 3, 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. Within Payment Unit 1, road work is not permitted during the period of April 15 to July 15.

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 2 & 3, leave one 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species. These will be evenly scattered throughout the Payment Unit.

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 Carter Road and M-33 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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from beech bark disease. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



TIMBER SALE MAP

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

Sale Number	Year
52 - 110	23

Forest Management Unit	County	Mapped By	Date	Page	of
Gaylord	Cheboygan	TSP	09/12/2023	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
35N	01W	8: SWSW; 17: N1/2NW, NE, N1/2SW, SESW, NESE	1:15,840		

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 = Treed 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	42.8
2	34.6
3	52.3

Some Beech Mix

Compartment 181

129.7 Acres

