

# DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

# TIMBER SALE PROSPECTUS #7051

<u>SCHEDULED SALE DATE AND TIME:</u> 9:00 a.m. (local time) on May 3, 2022. <u>LOCATION:</u> 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:

Stutsmanville Hardwood (52-112-21) / T36N, R05W, SEC. 19, SESW,S1/2SE.

T36N, R05W, SEC. 20, N1/2NW,SWNW,NESW,S1/2SW.

T36N, R05W, SEC. 29, NWNW.

T36N, R05W, SEC. 30, NENW, NWNE, SWSW.

Emmet County, Advertised Price \$180,493.10, 127.7 Acres, Hardwood, Sugar Maple. SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

See sale spec 5.2.40, 5.2.41, and 6.2.3 for information on recreational trail requirements.

In addition, the private landowner adjacent to Payment Unit 6 is interested in a selection harvest on his property. Please contact Lucas Merrick, Tricia St. Pierre, or Shannon Harrig for the landowner's contact information.

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

Stutsmanville Hardwood (52-112-21)

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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:

PRODUCTS & SPECIES	<u>ESTIMATE</u>	<u>D UNITS*</u>	ADVE	ERTISED PRICE
Sawtimber				
Basswood	102.9	MBF	\$	47.00 / MBF
Beech	36.9	MBF	\$	48.00 / MBF
Black Cherry	1.7	MBF	\$	86.00 / MBF
Mixed Aspen	69.5	MBF	\$	46.00 / MBF
Red Maple	18.7	MBF	\$	77.00 / MBF
Sugar Maple	370.7	MBF	\$	376.00 / MBF
White Ash	12.2	MBF	\$	63.00 / MBF
Yellow Birch	1.8	MBF	\$	36.00 / MBF
Pulpwood				
Basswood	198	Cords	\$	9.00 / Cord
Mixed Aspen	82	Cords	\$	17.70 / Cord
Mixed Hardwood	1,550	Cords	\$	16.55 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.14 percent. There are an estimated 3,345 cords on this timber sale, plus or minus 206 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 \$9,024.66 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

	5 5 5
IT NUMBER	PERCENT OF TOTAL SALE VALUE
01	20.6%
02	11.1%
03	21.7%
04	24.2%
05	5.9%
06	16.5%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 06/30/2025.

# 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.

VOL	UME		STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
264,223	3,345	6.14%	3,139	3,550

#### 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	
14	43,041	545	13.19%	473	617
36	42,251	535	14.79%	456	614
37	95,470	1,208	10.34%	1,083	1,333
38	48,515	614	13.85%	529	699
39	12,436	157	20.98%	124	190
TOTAL:	241,713	3,060		2,666	3,454

# 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
14	25.9	6	25.9
36	22.4	4	22.4
37	45.5	1	29.6
		2	15.9
38	24.6	3	24.6
39	9.3	5	9.3
TOTAL:	127.7		127.7

# DESCRIPTION OF TIMBER BY PU (PU)

1 Basswood Beech Mixed Aspen Quaking Aspen Sugar Maple Sawtimber 38.4 MBF 29.6 \$37,21   Mixed Aspen Quaking Aspen Quaking Aspen Quaking Aspen Quaking Aspen Quaking Aspen Quaking Aspen 28.0 MBF 90   Quaking Aspen Quaking Aspen Quaking Aspen Quaking Aspen Quaking Aspen 90 Cords 0   Quaking Aspen Quaking Aspen Quaking Aspen 20 Cords 0   3 Basswood Beech 76 Cords 0   3 Basswood Beech 15.0 MBF 15.9 \$19,95   4 Basswood Beech 20 Cords 0 \$10,00 10   9 Beech 76 Cords 0 \$19,95   9 Beech 15.0 MBF 15.9 \$19,95   9 Beech 11 Cords 0   9 Quaking Aspen Mixed Aspen 11 Cords 0   9 Quaking Aspen Mixed Aspen 11 Cords 0   9 Basswood 20 Cords 0 36 Cords   11 Cords 0 Cords 0 0 0   11 Cords 0 Cords 0 0   11 Cords 0 Cor	PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
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Sugar Maple 208 Cords		-		208			
White Ash 1 Cords							
	5		Sawtimber	7.7		9.3	\$10,721.75
Sugar Maple 23.5 MBF							,
White Ash 2.2 MBF							
Basswood Pulpwood 16 Cords			Pulpwood				
Mixed Hardwood 75 Cords							
		Beech		9	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Sugar Maple	Pulpwood	63	Cords		
	White Ash	-	3	Cords		
6	Basswood	Sawtimber	1.6	MBF	25.9	\$29,863.25
	Beech		11.9	MBF		
	Mixed Aspen		23.9	MBF		
	Quaking Aspen		23.9	MBF		
	Red Maple		18.7	MBF		
	Sugar Maple		56.8	MBF		
	Yellow Birch		1.8	MBF		
	Basswood	Pulpwood	4	Cords		
	Mixed Aspen		49	Cords		
	Quaking Aspen		49	Cords		
	Mixed Hardwood		263	Cords		
	Beech		47	Cords		
	Red Maple		38	Cords		
	Sugar Maple		175	Cords		
	Yellow Birch		3	Cords		
		TOTAL:	614.4	MBF		
		TOTAL:	1,830	Cords		

# Sale Specific Conditions & Requirements

#### Sale Name: Stutsmanville Hardwood

Sale Number: 52-112-21 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, 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. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

#### 2 - Timber Specifications

- 2.1 Included Timber
  - 2.1.3 Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1-6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. All beech and ash are designated for cutting unless marked with green paint. In Payment Unit 6, also cut all aspen. Within the patches marked with teal paint, cut all trees 2" at DBH and greater.

#### 2.2 - Utilization

#### 2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length. Trees must be harvested with in-woods processor (feller bunching harvester will not be allow) to retain existing understory.

#### 3 - Payments

#### 3.3 - Pre-measured Sales

# 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-4 and 6 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.

#### 3.4 - Damaged Timber

# 3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

#### 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.

#### 4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

# 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

#### 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

#### 5.1 - 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 3 days in advance to schedule the conference.

# 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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-6, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

# 5.2.40 - Pathway protection (10/10)

The North Country Trail is a biking, hiking, horse trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Within Payment Units 3-5 there are user created biking trails which will need to be identified and protected. Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathways as the centerline. Do not run equipment down the pathways. Skidding across the trails may only occur in locations approved by the sale administrator.

# 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. 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. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. 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. All stumps within 10 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

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the North Country Trail 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.



