



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7100**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on August 16, 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:

Ringy Dingy Hardwood (52-113-21) / T33N, R03W, SEC. 23, SESE.

T33N, R03W, SEC. 26, NW,NENE,SWNE,N1/2SW,SESW,NWSE.

T33N, R03W, SEC. 27, SENE,NESE.

Cheboygan County, Advertised Price \$119,798.60, 130.2 Acres, Aspen, Hardwood.

SALE NOTE: Stump height restrictions in unit 3. Multiple recreational trails in and adjacent to this sale.

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

Ringy Dingy Hardwood (52-113-21)

T33N, R03W, SEC. 23; T33N, R03W, SEC. 26; T33N, R03W, SEC. 27.

Cheboygan County (Advertised Price \$119,798.60)

SALE NOTE: Stump height restrictions in unit 3. Multiple recreational trails in and adjacent to this sale.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	127.3 MBF	\$ 52.00 / MBF
Beech	47.5 MBF	\$ 46.00 / MBF
Mixed Aspen	180.9 MBF	\$ 49.00 / MBF
Red Maple	42.3 MBF	\$ 88.00 / MBF
Sugar Maple	154.7 MBF	\$ 362.00 / MBF
Pulpwood		
Basswood	417 Cords	\$ 11.30 / Cord
Mixed Aspen	164 Cords	\$ 18.10 / Cord
Mixed Hardwood	2,184 Cords	\$ 15.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 4.56 percent. There are an estimated 4,184 cords on this timber sale, plus or minus 191 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 \$5,989.93 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	11.8%
02	11.7%
03	21.5%
04	28.7%
05	26.3%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

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.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
330,575	4,184	4.56%	3,993	4,376

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
63	38,713	490	10.28%	440	540
69	52,851	669	5.48%	632	706
71	160,678	2,034	6.77%	1,896	2,172
94	78,334	992	11.78%	875	1,108
TOTAL:	330,575	4,184		3,843	4,526

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
63	19.2	1	19.2
69	36.0	2	36.0
71	55.8	4	29.1
		5	26.7
94	19.2	3	19.2
TOTAL:	130.2		130.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	13.9	MBF	19.2	\$14,181.20
	Beech		1.0	MBF		
	Red Maple		42.3	MBF		
	Sugar Maple		14.2	MBF		
	Basswood	Pulpwood	41	Cords		
	Mixed Hardwood		257	Cords		
	<i>Beech</i>		2	<i>Cords</i>		
	<i>Ironwood</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		94	<i>Cords</i>		
	<i>Sugar Maple</i>		158	<i>Cords</i>		
2	Basswood	Sawtimber	37.1	MBF	36.0	\$14,067.00
	Beech		8.1	MBF		
	Mixed Aspen		1.3	MBF		
	<i>Quaking Aspen</i>		1.3	<i>MBF</i>		
	Sugar Maple	Pulpwood	12.9	MBF		
	Basswood		169	Cords		
	Mixed Aspen		1	Cords		
	<i>Quaking Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		321	Cords		
	<i>Beech</i>		61	<i>Cords</i>		
	<i>Ironwood</i>		35	<i>Cords</i>		
	<i>Sugar Maple</i>		225	<i>Cords</i>		
3	Beech	Sawtimber	38.4	MBF	19.2	\$25,811.20
	Mixed Aspen		74.1	MBF		
	<i>B. T. Aspen</i>		74.1	<i>MBF</i>		
	Sugar Maple	Pulpwood	27.8	MBF		
	Basswood		10	Cords		
	Mixed Aspen		64	Cords		
	<i>B. T. Aspen</i>		64	<i>Cords</i>		
	Mixed Hardwood		571	Cords		
	<i>Beech</i>		303	<i>Cords</i>		
	<i>Ironwood</i>		9	<i>Cords</i>		
	<i>Red Maple</i>		31	<i>Cords</i>		
	<i>Sugar Maple</i>		228	<i>Cords</i>		
4	Basswood	Sawtimber	39.8	MBF	29.1	\$34,279.70
	Mixed Aspen		55.0	MBF		
	<i>B. T. Aspen</i>		50.5	<i>MBF</i>		
	<i>Quaking Aspen</i>		4.5	<i>MBF</i>		
	Sugar Maple	Pulpwood	52.0	MBF		
	Basswood		103	Cords		
	Mixed Aspen		52	Cords		
	<i>B. T. Aspen</i>		50	<i>Cords</i>		
	<i>Quaking Aspen</i>		2	<i>Cords</i>		
	Mixed Hardwood		540	Cords		
	<i>Beech</i>		42	<i>Cords</i>		
	<i>Ironwood</i>		35	<i>Cords</i>		
	<i>Striped Maple</i>		2	<i>Cords</i>		
	<i>Sugar Maple</i>		461	<i>Cords</i>		
5	Basswood	Sawtimber	36.5	MBF	26.7	\$31,459.50
	Mixed Aspen		50.5	MBF		
	<i>B. T. Aspen</i>		46.3	<i>MBF</i>		
	<i>Quaking Aspen</i>		4.2	<i>MBF</i>		
	Sugar Maple	Pulpwood	47.8	MBF		
	Basswood		94	Cords		
	Mixed Aspen		47	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	<i>B. T. Aspen</i>	<i>Pulpwood</i>	45	<i>Cords</i>		
	<i>Quaking Aspen</i>		2	<i>Cords</i>		
	Mixed Hardwood		495	Cords		
	<i>Beech</i>		39	<i>Cords</i>		
	<i>Ironwood</i>		32	<i>Cords</i>		
	<i>Striped Maple</i>		1	<i>Cords</i>		
	<i>Sugar Maple</i>		423	<i>Cords</i>		
TOTAL:			552.7	MBF		
TOTAL:			2,765	Cords		

Sale Specific Conditions & Requirements

Sale Name: Ringy Dingy Hardwood

Sale Number: 52-113-21 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 red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint between Payment Units 4 and 5, while the boundary between Payment Units 2 and 3 are painted red. 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 unless marked with orange paint. 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) 3-5, cut all trees that are two (2) inches or more at DBH, except yellow birch and apple trees in Payment Unit 3.

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

Within Payment Unit(s) 1 and 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit 3 shall not exceed 6 inches for all trees. This is to facilitate planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 1 and 2. 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) 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.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. 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

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1 and 2, 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.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of Straits Highway.

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

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

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

The motorcycle trail is shown on the Timber Sale Map. Do not cut trees or damage posts with orange or yellow ORV markers. Trees with orange or yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground or at least 5 feet above ground level. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route 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 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. No decking of forest products will be permitted along the snowmobile trail.

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 Perry 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 trail (Perry Road) 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 motorcycle 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.

**TIMBER SALE MAP**

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

Sale Number	Year
52-113	21

Forest Management Unit	County	Mapped By	Date	Page	of
GFMU/Indian River Field Office	Cheboygan	Harig	7/1/2021	1	1
Cruised By		TSP and contractor			

Township	Range	Section(s) and Subdivision(s)	Scale
33N	03W	23: SESE 26: NW 1/4, NENE, SWNE, N1/2SW, SESW, NWSE 27: SENE, NESE	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 Hardwoods	M = Mpl. Ech. Birch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Cress	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	19.2	4	29.1
2	36.0	5	26.7
3	19.2		

Ringy Dingy Hardwood

Compartment 158

130.2 Acres

