



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7269**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on July 25, 2023.**

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:

Eskimo Kiss Mix (52-119-22) / T34N, R04W, SEC. 17, SESW.

T34N, R04W, SEC. 20, NENW, S1/2NW.

T34N, R04W, SEC. 21, S1/2SW.

Emmet County, Advertised Price \$124,803.80, 50.7 Acres, Hardwood, Red Pine.

SALE NOTE: Non-negotiable oak wilt restriction.

PU1: Harvest merchantable timber (>4.5" dbh) only.

PU2: 2" dbh spec, 6" stump heights, and slash reduction.

Approx. 12 cords of jack pine have been added to red pine pulp volumes.

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

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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		
Red Pine	538.4 MBF	\$ 179.00 / MBF
Pulpwood		
Mixed Aspen	219 Cords	\$ 30.40 / Cord
Mixed Hardwood	244 Cords	\$ 24.20 / Cord
Red Pine	221 Cords	\$ 71.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 16.13 percent. There are an estimated 1,798 cords on this timber sale, plus or minus 290 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 \$6,240.19 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	35.1%
02	64.9%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 09/30/2026.

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
142,026	1,798	16.13%	1,508	2,088

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
32	49,330	624	21.41%	491	758
51	92,697	1,173	21.08%	926	1,421
TOTAL:	142,026	1,798		1,417	2,179

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
32	22.7	1	22.7
51	28.0	2	28.0
TOTAL:	50.7		50.7

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	188.8	MBF	22.7	\$43,769.60
	Mixed Aspen	Pulpwood	104	Cords		
	B. T. Aspen	Sawtimber	1.0	MBF		
	Quaking Aspen		1.6	MBF		
	B. T. Aspen	Pulpwood	42	Cords		
	Quaking Aspen		57	Cords		
	Mixed Hardwood		59	Cords		
	Red Maple	Sawtimber	0.8	MBF		
	Basswood	Pulpwood	4	Cords		
	Black Cherry		5	Cords		
	Ironwood		2	Cords		
	Red Maple		30	Cords		
	Sugar Maple		16	Cords		
	Red Pine		75	Cords		
	Red Pine		75	Cords		
2	Red Pine	Sawtimber	349.6	MBF	28.0	\$81,034.20
	Mixed Aspen	Pulpwood	115	Cords		
	B. T. Aspen	Sawtimber	2.3	MBF		
	B. T. Aspen	Pulpwood	83	Cords		
	Quaking Aspen		27	Cords		
	Mixed Hardwood		185	Cords		
	Black Cherry	Sawtimber	3.0	MBF		
	Red Maple		16.8	MBF		
	Sugar Maple		9.8	MBF		
	Beech	Pulpwood	25	Cords		
	Black Cherry		9	Cords		
	Ironwood		5	Cords		
	Red Maple		45	Cords		
	Cherry (Juneberry)		6	Cords		
	Sugar Maple		35	Cords		
	Red Pine		146	Cords		
	Jack Pine		12	Cords		
	Red Pine		134	Cords		
	TOTAL:			538.4		
TOTAL:			684	Cords		

Sale Specific Conditions & Requirements

Sale Name: Eskimo Kiss Mix

Sale Number: 52-119-22 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 red 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) 2, cut all trees that are two (2) inches or more at DBH except oak and any trees measuring >24" dbh.

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

Within Payment Unit(s) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization except oak, white pine, and any trees measuring >24" dbh. Submerchantable trees (<4.6" dbh) are NOT to be cut and are to be protected as reasonable to do so within Payment Unit 1.

2.1.11 - Description of timber note (2/04)

Note that trace amounts of yellow birch, paper birch, and jack pine were not picked up on cruise.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit 2 must be chip harvested to facilitate subsequent planting operations. A chipping exemption can be obtained if market conditions limit the practicality of chipping and proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing and will require the treatment of slash as directed by the administering forester. In general, this may require a maximum slash height of two feet and 6-foot segment lengths of limbs measuring >2" in diameter. Alternative slash treatment may be the piling of slash as directed by the administering forester. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit 2 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 and 2 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.

4 - Transportation

4.1 - Construction

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. Overgrown roads that are reopened shall be considered new roads. 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

5.2.3 - Operating Restrictions

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

Within the Sale Area, 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.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 2, cutting, skidding, and hauling occur during frozen winter conditions, providing stump heights <6" can be achieved. The reason for the recommendation is to reduce the potential for sedimentation to enter Minnehaha Creek.

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 Tomahawk Motorcycle Trail - B Loop is shown on the Timber Sale Map. All stumps within 5 feet of the trail must be cut flush with the ground. Do not run equipment down the ORV trail except in locations pre-approved by the administering forester. The ORV trail must be kept free of ruts and debris at the close of business daily.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

Sharp-shinned Hawks were observed during August 2022. 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 Joy Lane 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.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Tomahawk 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. This condition may be verbally waived if the motorcycle trail is temporarily closed or rerouted during harvesting operations.

**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Sale Number	Year
52 119	22

Forest Management Unit Gaylord	County Emmet	Mapped By TSP	Date 08/16/2022	Page 1	of 1
Township 34N	Range 04W	Section(s) and Subdivision(s) 17: SESW; 20: NENW, S1/2NW; 21: S1/2SW	Scale 1:15,840		

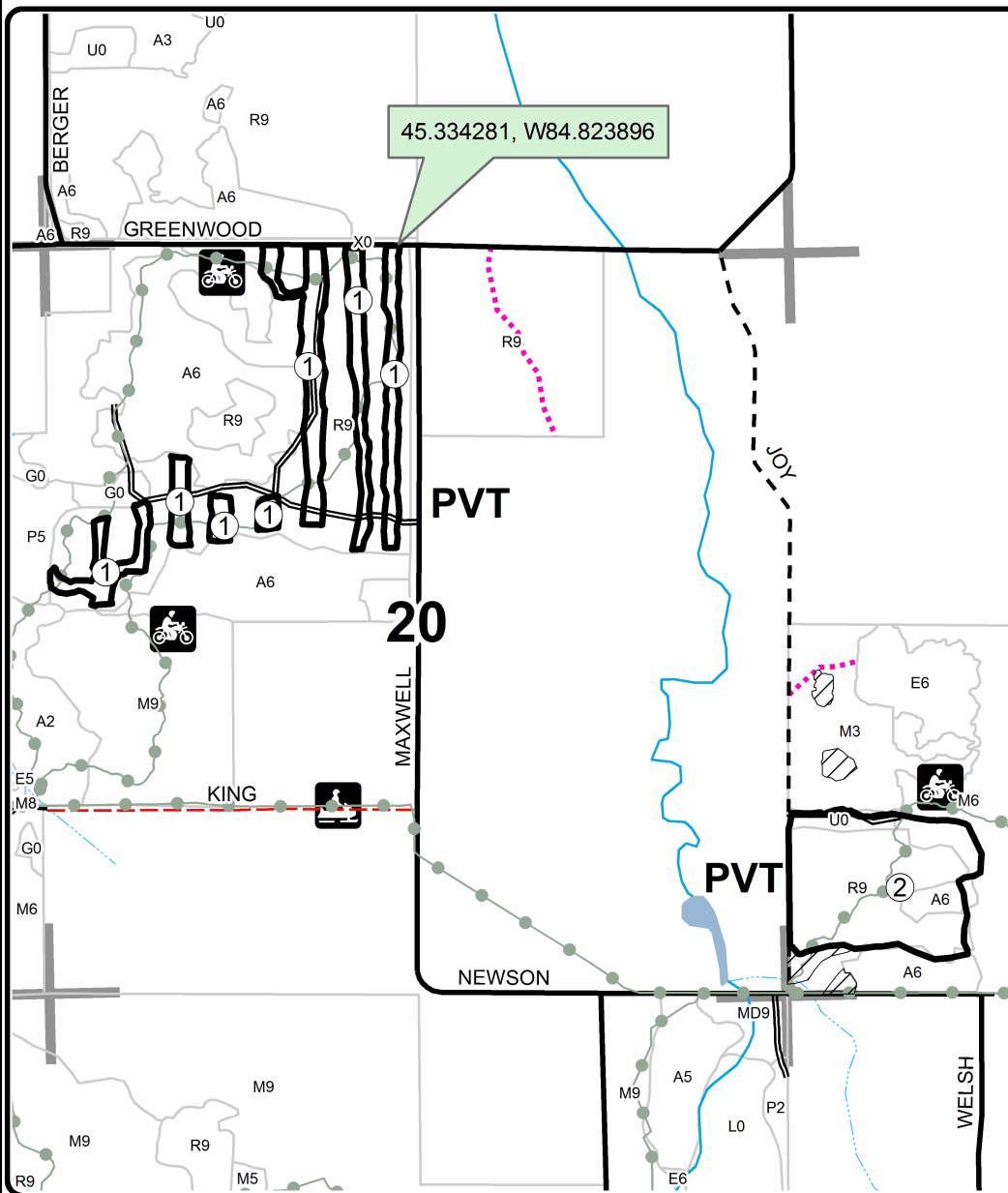
Cover Type

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	

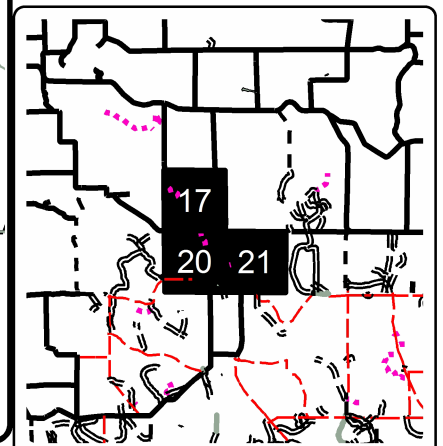
Density

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
1	22.7
2	28

Eskimo Kiss Mix
Compartment 126
50.7 Acres**Legend**

- Against State (Red)
- ▨ Retention Area
- Recreational Trail
- Secondary Forest Road
- Paved Road
- - Gravel Road
- - County Road - Seasonal
- ... Temporary Management Access
- ... Intermittent Stream
- Perennial River
- Lakes and Rivers
- Stand Boundaries
- Section Corners

Locator Map
1:200,000

0 0.125 0.25 0.5 0.75 1 Miles