



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7187**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on February 7, 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:

Kolke Creek Red Pine (52-027-22) / T29N, R04W, SEC. 23, SW.

T29N, R04W, SEC. 25, SWNW.

T29N, R04W, SEC. 26, S1/2NE, SE.

T29N, R04W, SEC. 35, NENW, S1/2NW, NWNE, SW.

Otsego County, Advertised Price \$206,816.85, 180.4 Acres, Hardwood, Red Pine.

SALE NOTE: Large acreage, high volume

TIMBER SALE INFORMATION

Kolke Creek Red Pine (52-027-22)

T29N, R04W, SEC. 23; T29N, R04W, SEC. 25; T29N, R04W, SEC. 26; T29N, R04W, SEC. 35.

Otsego County (Advertised Price \$206,816.85)

SALE NOTE: Large acreage, high volume

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	18.7 MBF	\$ 65.00 / MBF
Quaking Aspen	19.9 MBF	\$ 60.00 / MBF
Red Pine	328.3 MBF	\$ 151.00 / MBF
Pulpwood		
Basswood	61 Cords	\$ 14.10 / Cord
Mixed Aspen	69 Cords	\$ 21.50 / Cord
Mixed Hardwood	51 Cords	\$ 17.85 / Cord
Red Pine	2,751 Cords	\$ 55.10 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 8.83 percent. There are an estimated 3,700 cords on this timber sale, plus or minus 327 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 \$10,340.84 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	14.3%
02	5.0%
03	52.5%
04	18.0%
05	10.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2026.

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
292,290	3,700	8.83%	3,373	4,027

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
25	40,732	516	27.93%	372	660
46	10,050	127	39.82%	77	178
55	148,985	1,886	11.44%	1,670	2,102
57	4,729	60	100.87%	1	120
94	56,010	709	21.19%	559	859
110	31,784	402	35.18%	261	544
TOTAL:	292,290	3,700		2,937	4,463

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
25	24.4	1	24.4
46	7.7	2	7.7
55	84.6	3	84.6
57	4.0	2	4.0
94	35.9	4	35.9
110	23.8	5	23.8
TOTAL:	180.4		180.4

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Basswood	Sawtimber	12.8	MBF	24.4	\$29,526.60	
	Quaking Aspen		1.1	MBF			
	Red Pine		38.2	MBF			
	Basswood	Pulpwood	12	Cords			
	Mixed Aspen		3	Cords			
	<i>Quaking Aspen</i>		3	<i>Cords</i>			
	Mixed Hardwood		2	Cords			
	<i>Sugar Maple</i>		2	<i>Cords</i>			
	Red Pine		410	Cords			
2	Red Pine	Sawtimber	17.6	MBF	11.7	\$10,244.45	
	Mixed Aspen	Pulpwood	13	Cords			
	<i>B. T. Aspen</i>		11	<i>Cords</i>			
	<i>Quaking Aspen</i>		2	<i>Cords</i>			
	Mixed Hardwood		5	Cords			
	<i>Red Maple</i>		5	<i>Cords</i>			
	Red Pine		131	Cords			
3	Quaking Aspen	Sawtimber	11.1	MBF	84.6	\$108,720.25	
	Red Pine	Pulpwood	152.7	MBF			
	Mixed Aspen		18	Cords			
	<i>Quaking Aspen</i>		18	<i>Cords</i>			
	Mixed Hardwood		11	Cords			
	<i>Red Maple</i>		11	<i>Cords</i>			
	Red Pine		1,532	Cords			
4	Basswood	Sawtimber	5.9	MBF	35.9	\$37,256.05	
	Quaking Aspen		1.5	MBF			
	Red Pine		77.8	MBF			
	Basswood	Pulpwood	49	Cords			
	Mixed Aspen		8	Cords			
	<i>Quaking Aspen</i>		8	<i>Cords</i>			
	Mixed Hardwood		33	Cords			
	<i>Red Maple</i>		<i>Sawtimber</i>	5.3			<i>MBF</i>
	<i>Red Maple</i>			<i>Pulpwood</i>			20
	<i>Sugar Maple</i>	2					<i>Cords</i>
	Red Pine	428	Cords				
5	Quaking Aspen	Sawtimber	6.2	MBF	23.8	\$21,069.50	
	Red Pine	Pulpwood	42.0	MBF			
	Mixed Aspen		27	Cords			
	<i>Quaking Aspen</i>		27	<i>Cords</i>			
	Red Pine		250	Cords			
TOTAL:			366.9	MBF			
TOTAL:			2,932	Cords			

Sale Specific Conditions & Requirements

Sale Name: Kolke Creek Red Pine

Sale Number: 52-027-22 Seq#: 2

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 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) #1-5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

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.

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.

4.1.6 - 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 and kept a minimum of 10 feet back from the road edge. 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.

4.1.7 - 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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

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 5 days in advance to schedule the conference.

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company and/or MISS DIG 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 36 inches in height.

5.2.3 - Operating Restrictions

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

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

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

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. 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. Signage warning of log trucks will be placed at appropriate distances.

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 Lynn Lake Road and Kolke Creek Trail 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.

Forest Management Unit Gaylord		County Otsego	Mapped By Matt Foster		Date 09/12/2022	Page 2	of 3
Township 29N	Range 04W	Section(s) and Subdivision(s) Sec.23:SW; Sec.25:SWNW; Sec.26:S1/2NE,SE; Sec. 35:NENW,S1/2NW,NWNE,SW			Scale 1:15,840		
Cruised By UMLM							

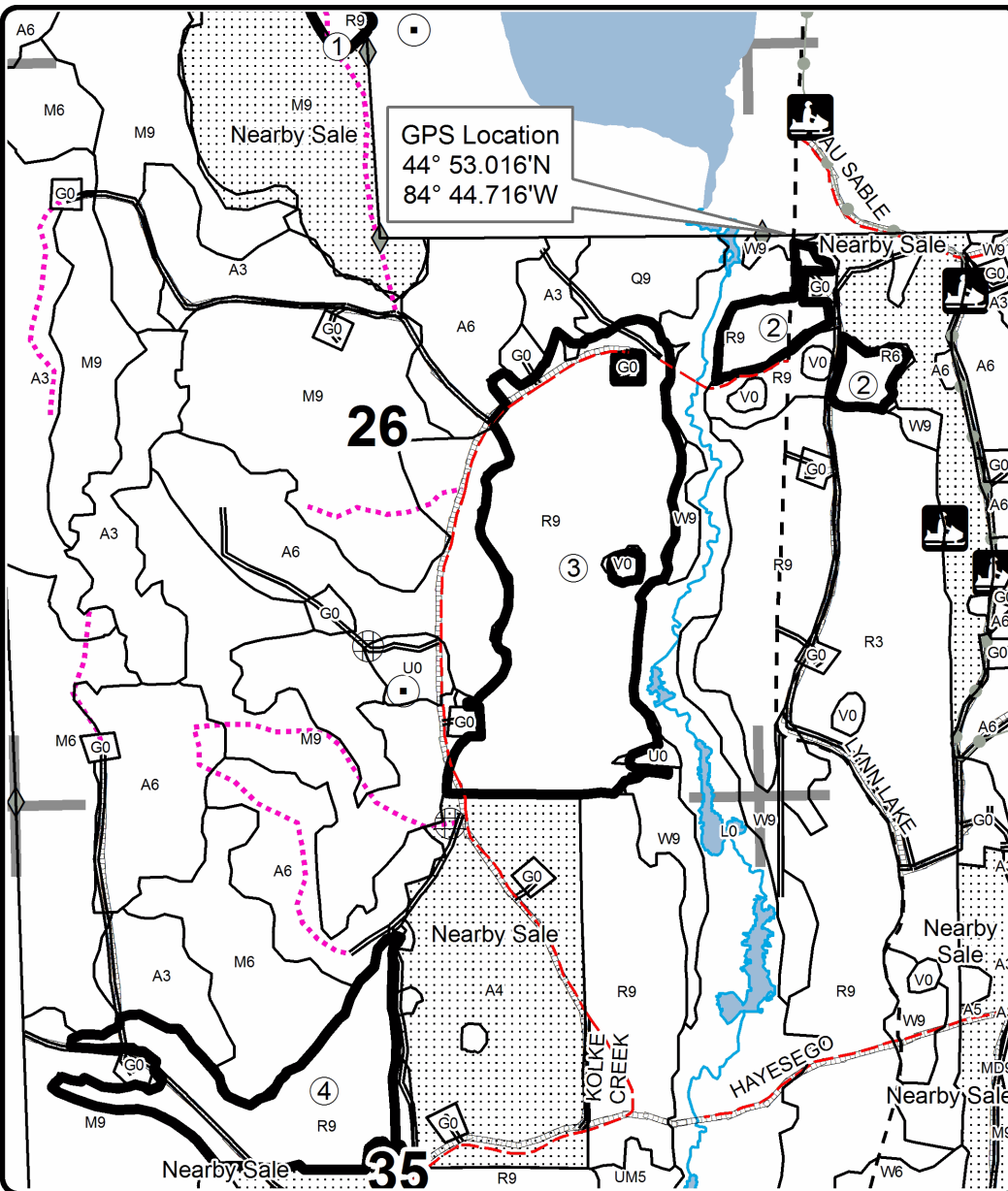
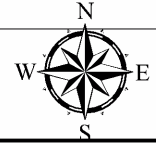
Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling 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	PU	Acres
1	24.4	4	35.9
2	11.7	5	23.8
3	84.6		

Kolke Creek Red Pine

Compartment 21

180.4 Acres



Legend

- Sale Boundary (Red)
- Private Line (Blue)
- Stand Boundaries
- Nearby Timber Sales
- Recreational Trail
- Field Grade Corners
- Oil & Gas Well Surface Locations
- Secondary Forest Road
- Gravel Road
- County Road - Seasonal
- Temporary Management Access
- Perennial River
- Lakes and Rivers
- Section Corners
- Pipeline

Avenza Map

