



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7415**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on April 23, 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:

Nervous Oak (52-116-23) / T38N, R05W, SEC. 31, S1/2NW.

T38N, R06W, SEC. 36, E1/2NE.

Emmet County, Advertised Price \$10,430.70, 27.5 Acres, Hardwood, Red Oak.

SALE NOTE: Seasonal oak wilt cutting restrictions in place. Recreational trail protection specs included.

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

Nervous Oak (52-116-23)

T38N, R05W, SEC. 31; T38N, R06W, SEC. 36.

Emmet County (Advertised Price \$10,430.70)

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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		
B. T. Aspen	21.3 MBF	\$ 32.00 / MBF
Red Maple	16.4 MBF	\$ 101.00 / MBF
Red Oak	48.7 MBF	\$ 95.00 / MBF
Pulpwood		
B. T. Aspen	36 Cords	\$ 10.25 / Cord
Beech	6 Cords	\$ 12.60 / Cord
Red Maple	109 Cords	\$ 12.60 / Cord
Red Oak	82 Cords	\$ 20.10 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 42.30 percent. There are an estimated 435 cords on this timber sale, plus or minus 184 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 \$521.54 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 remainder is due before cutting begins.
 - (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	100.0%
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
34,389	435	42.30%	251	619

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
38	34,389	435	31.96%	296	574
TOTAL:	34,389	435		296	574

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
38	27.5	1	27.5
TOTAL:	27.5		27.5

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	21.3	MBF	27.5	\$10,430.70
	Red Maple		16.4	MBF		
	Red Oak		48.7	MBF		
	B. T. Aspen	Pulpwood	36	Cords		
	Beech		6	Cords		
	Red Maple		109	Cords		
	Red Oak		82	Cords		
	TOTAL:			86.4		
TOTAL:			233	Cords		

Sale Specific Conditions & Requirements

Sale Name: Nervous Oak

Sale Number: 52-116-23 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Group selection cutting boundaries within the interior of the sale 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

2.1.4 - Designated timber unit(s) (6/17)

Within Payment Unit(s) 1, all mixed aspen and mixed northern hardwood trees, along with any red oak marked with orange paint are designated for cutting regardless of merchantability. No paper birch shall be cut in Payment Unit 1. Additionally, all trees within the yellow paint boundaries in the five group selection areas are to be cut.

2.2 - Utilization

2.2.8 - Utilization and removal (5/14)

All products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the Sale Area. Retain on site between 1/6 and 1/3 of the slash from harvested trees (tree tops and limbs less than four inches in diameter). This is because of forest certification biomass retention requirements.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 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. No harvest activities may take place until the producer returns the signed amendment to the Unit Manager.

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.

4.1.8 - Road work (1) (8/07)

Abrams and Arbutus Roads must be maintained as needed and should remain passable to vehicle traffic for the duration of

harvest activities.

4.3 - Public Right-of-Way

4.3.2 - County R-O-W (12/06)

The county must be contacted prior to crossing or harvesting in the county road R-O-W.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any harvest operations to discuss contract specifications and to determine landing & road conditions.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.1 - Slash within sale area (9/16)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the red paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

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 Unit 1, 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.

5.2.32 - 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. Piles of topsoil must also be spread out evenly and may not be left in large piles.

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

The ORV route is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline.

5.2.40 - Pathway protection (10/10)

The North Country Pathway hiking trail is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the Sale Administrator.

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 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 Abrams and Arbutus Roads 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 North Country Pathway hiking 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 5, 1994 PA 451, as amended.

Sale Number	Year
52-116-23	2023
Date	Page of
09/22/23	1 1

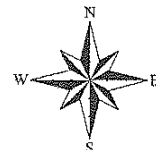
Forest Management Unit	County	Mapped By	Date	Page	of
GAYLORD - NORTH	EMMET	STACKS	09/22/23	1	1
Cruised By					
STACKS					
Compartment Number					
52108	T38N R05W S31 S½NW¼		T38N R06 S36 E½ NE		
Cover Type			Density		
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush		
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest		
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh		
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine		
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked		
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand		
G = Grass	MD = Mixed Deciduous		Z = Water		
H = Hemlock	N = Marsh				
			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		

P.U. ACRES
1 - 27.5

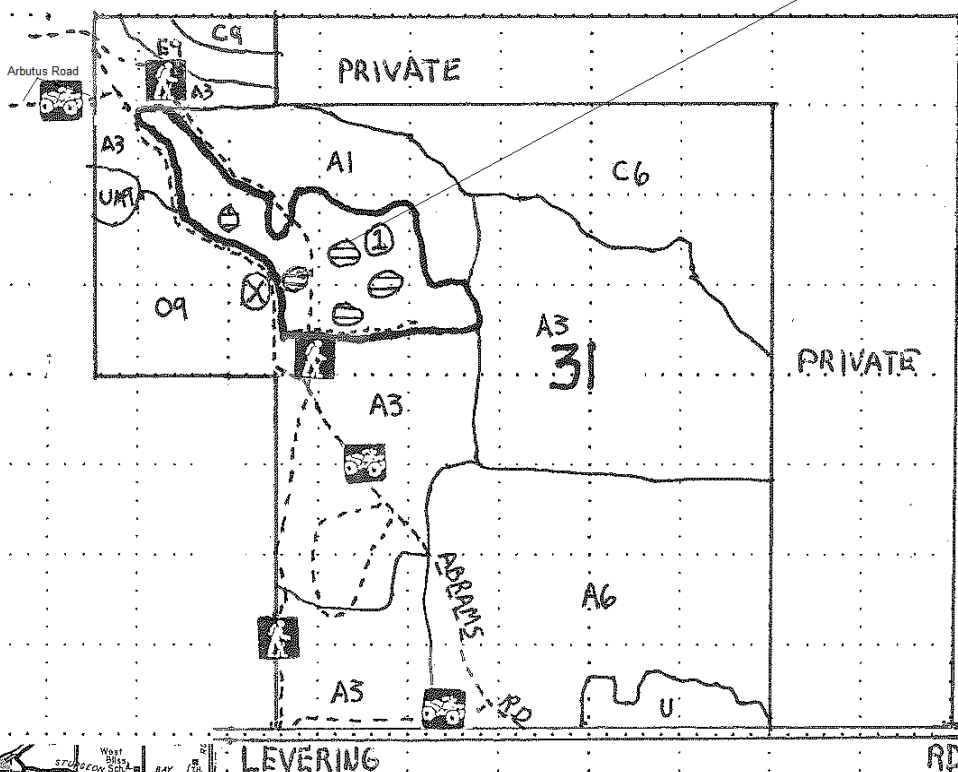
NERVOUS OAK

EMMET COUNTY

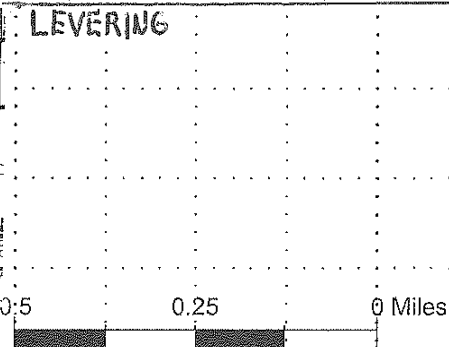
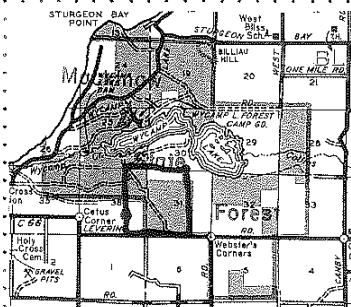
27.5 ACRES



Group selection areas marked and defined by yellow paint.



SALE BOUNDARY:
PUBLIC (RED) - —
P.U. NUMBER - ①
COUNTY ROAD - - - - -
SEASONAL C.R. -
FOREST TRAIL ROAD - - - - -
CANOPY GAP - ⊗
ORV ROUTE - ⊙
HIKING TRAIL - ▲



⊗ - 84.975546
45.646326