



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7294**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on September 7, 2023.

LOCATION: GLADWIN MGMT UNIT, 801 NORTH SILVERLEAF, GLADWIN, MI 48624.

CONTACT NAME: Blair Tweedale

PHONE NUMBER: (989) 426-9205

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, GLADWIN MANAGEMENT UNIT, for certain timber on the following described lands:

Leota Fuelbreak RP (73-998-23) / T20N, R05W, SEC. 17, NENE.

T20N, R05W, SEC. 3 , N1/2SW, SESW.

T20N, R05W, SEC. 8 , S1/2SE.

T20N, R05W, SEC. 9 , SWSW.

Clare County, Advertised Price \$45,346.50, 88.2 Acres, Hardwood, Red Pine.

SALE NOTE: This sale has a seven (7) month contract for quick turnaround. In addition, these stands have been identified as shaded fuel breaks near Leota.

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

Leota Fuelbreak RP (73-998-23)

T20N, R05W, SEC. 17; T20N, R05W, SEC. 3; T20N, R05W, SEC. 8; T20N, R05W, SEC. 9.

Clare County (Advertised Price \$45,346.50)

SALE NOTE: This sale has a seven (7) month contract for quick turnaround. In addition, these stands have been identified as shaded fuel breaks near Leota.

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		
B. T. Aspen	1.8 MBF	\$ 76.00 / MBF
Black/Red (Hybrid) Oak	4.6 MBF	\$ 112.00 / MBF
Red Pine	261.5 MBF	\$ 121.00 / MBF
White Pine	1.4 MBF	\$ 68.00 / MBF
Pulpwood		
B. T. Aspen	2 Cords	\$ 31.45 / Cord
Black/Red (Hybrid) Oak	10 Cords	\$ 16.90 / Cord
Northern Pin Oak	5 Cords	\$ 16.90 / Cord
Red Pine	239 Cords	\$ 52.50 / Cord
White Pine	3 Cords	\$ 31.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 17.00 percent. There are an estimated 854 cords on this timber sale, plus or minus 145 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 \$2,267.33 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	15.6%
02	84.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2024.

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.

<u>VOLUME</u>			<u>STATISTICAL RANGE IN CORDS</u>	
<u>TOTAL CUBIC FEET</u>	<u>TOTAL CORDS</u>	<u>PERCENT ERROR</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
67,476	854	17.00%	709	999

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
121	56,746	718	17.72%	591	846
170	10,730	136	42.77%	78	194
TOTAL:	67,476	854		669	1,040

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
121	67.2	2	67.2
170	21.0	1	21.0
TOTAL:	88.2		88.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	39.7	MBF	21.0	\$7,061.20
	Red Pine	Pulpwood	43	Cords		
2	B. T. Aspen	Sawtimber	1.8	MBF	67.2	\$38,285.30
	Black/Red (Hybrid		4.6	MBF		
	Red Pine		221.8	MBF		
	White Pine		1.4	MBF		
	B. T. Aspen	Pulpwood	2	Cords		
	Black/Red (Hybrid		10	Cords		
	Northern Pin Oak		5	Cords		
	Red Pine		196	Cords		
	White Pine		3	Cords		
	TOTAL:			269.3		
TOTAL:			259	Cords		

Sale Specific Conditions & Requirements

Sale Name: Leota Fuelbreak RP

Sale Number: 73-998-23 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 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 & 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.1.15 - Hazard trees near roads (11/20)

Cut and remove all standing dead trees within 100 feet of the cleared portion of designated county roads. These trees may be utilized or must be scattered back into the Sale Area.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

This area must be chip harvested to facilitate future silvicultural activities. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled.

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate future silvicultural activities.

3 - Payments

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

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails will only be allowed.

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 locations. The Unit Manager or his/her representative must be contacted at least 3 business 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.

5.2.1.12 - Slash for prescribed burning (1/05)

To facilitate prescribed burning, slash shall be moved at least 10 feet inside the sale boundary. Slash cannot be piled or placed near residual trees.

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.

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

Leota Trail #2 is an ORV trail and 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. 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.

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 Harding and Jackson Avenue 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 Leota Trail #2 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.

7 - Other Conditions

7.2 - Extensions

7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. This sale is already scheduled for prescribed burning to maintain as a shaded fuel break.



TIMBER SALE MAP

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

Sale Number	Year
73 - 998	23

Forest Management Unit	County	Mapped By	Date	Page	of
Gladwin Management Unit	Clare County	Behrmann	06/26/2023	1	1
Cruised By	Behrmann / Shooltz				

Township	Range	Section(s) and Subdivision(s)	Scale
20N	05W	Sec 3 N1/2SW, Sec 8 SESE, Sec 17 NENE	1:15,840

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 = Tired Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Boh, 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

1	21
2	67.2

Leota Fuelbreak RP

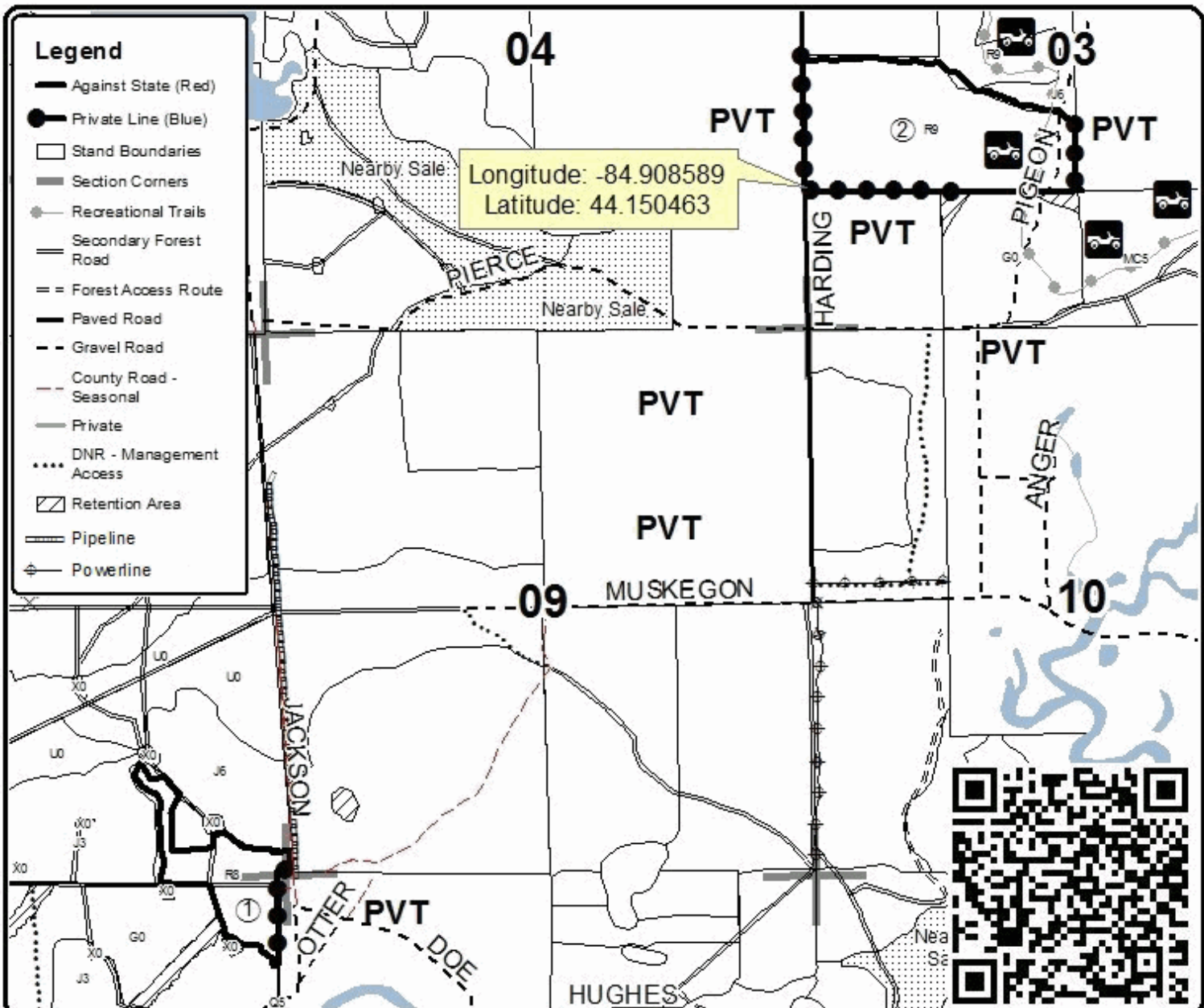
Compartment 9

88.2 Acres



Legend

- Against State (Red)
- Private Line (Blue)
- Stand Boundaries
- Section Corners
- ⋄ Recreational Trails
- Secondary Forest Road
- == Forest Access Route
- Paved Road
- - Gravel Road
- - County Road - Seasonal
- Private
- DNR - Management Access
- ▨ Retention Area
- Pipeline
- ⚡ Powerline



0 0.125 0.25 0.5 0.75 1 Miles