



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7591**

SCHEDULED SALE DATE AND TIME: **10:00 a.m. (local time) on February 24, 2025.**

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:

Turtle Flu (73-010-24) / T15N, R01W, SEC. 10, NESE.

T15N, R01W, SEC. 11, SWNW,N1/2SW,SWSW.

Midland County, Advertised Price \$36,246.80, 52.1 Acres, Hardwood, Red Pine.

SALE NOTE: Timber is not certified sustainable. Access gates located on access roads. Seasonal restrictions apply to sale. Stream crossings required.

# TIMBER SALE INFORMATION

Turtle Flu (73-010-24)

T15N, R01W, SEC. 10; T15N, R01W, SEC. 11.

Midland County (Advertised Price \$36,246.80)

SALE NOTE: Timber is not certified sustainable. Access gates located on access roads. Seasonal restrictions apply to sale. Stream crossings required.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	92.4 MBF	\$ 63.00 / MBF
Red Oak	42.3 MBF	\$ 146.00 / MBF
Red Pine	57.5 MBF	\$ 125.00 / MBF
White Pine	22.2 MBF	\$ 67.00 / MBF
Pulpwood		
Mixed Aspen	22 Cords	\$ 32.65 / Cord
Red Maple	226 Cords	\$ 22.65 / Cord
Red Oak	54 Cords	\$ 23.20 / Cord
Red Pine	118 Cords	\$ 52.00 / Cord
White Pine	83 Cords	\$ 28.30 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 26.68 percent. There are an estimated 1,005 cords on this timber sale, plus or minus 268 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 \$1,812.34 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	29.0%
02	71.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2028.

**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
79,419	1,005	26.68%	737	1,274

**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
1	28,649	363	45.89%	196	529
2	19,287	244	48.62%	125	363
3	8,434	107	81.86%	19	194
4	14,655	186	87.75%	23	348
5	8,394	106	63.16%	39	173
<b>TOTAL:</b>	<b>79,419</b>	<b>1,005</b>		<b>403</b>	<b>1,608</b>

**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
1	23.4	1	23.4
2	10.2	2	10.2
3	5.0	2	5.0
4	5.7	2	5.7
5	7.8	2	7.8
<b>TOTAL:</b>	<b>52.1</b>		<b>52.1</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Red Maple	Sawtimber	72.6	MBF	23.4	\$10,521.95			
	Red Oak		15.5	MBF					
	White Pine		1.9	MBF					
	Red Maple	Pulpwood	119	Cords					
	Red Oak		14	Cords					
	White Pine		19	Cords					
2	Red Maple	Sawtimber	19.8	MBF	28.7	\$25,724.85			
	Red Oak		26.8	MBF					
	Red Pine		57.5	MBF					
	White Pine		20.3	MBF					
	Mixed Aspen	Pulpwood	22	Cords					
	<i>Quaking Aspen</i>		<i>Sawtimber</i>	1.3			<i>MBF</i>		
	<i>B. T. Aspen</i>		<i>Pulpwood</i>	16			<i>Cords</i>		
	<i>Quaking Aspen</i>			3			<i>Cords</i>		
	Red Maple		107	Cords					
	Red Oak		40	Cords					
	Red Pine		118	Cords					
	White Pine		64	Cords					
	TOTAL:			214.4			MBF		
	TOTAL:			503			Cords		

## Sale Specific Conditions & Requirements

Sale Name: Turtle Flu

Sale Number: 73-010-24 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, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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

##### 2.1.3 - 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

##### 2.2.9 - No Chipping Permitted (12/08)

Within Payment Unit(s) 1 and 2, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

### 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. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the Sale Area, if more than 50% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$300.00 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% 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

##### 4.1.2 - Stream Crossings, Specific (3/11)

The Creek/River crossing as shown on the Timber Sale Map will require the installation of a culvert or ford. Installation will be performed in accordance with the specifications on the appropriate permits which shall be provided by the DNR.

##### 4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the Sale Administrator and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the Sale Administrator and as specified in

the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR.

#### 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 only will be allowed.

### 4.3 - Public Right-of-Way

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

The County must be contacted prior to harvesting in the County Road R-O-W. This applies to Payment Unit 2 and Blakely Road.

### 4.4 - Access

#### 4.4.3 - Access gate (12/08)

The access gate must be locked at all times. This is to prevent someone other than the Purchaser from going through the gate and being locked in.

## 5 - Operations

### 5.1 - Notification

#### 5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations. Contact Consumers Energy at 1-800-477-5050.

### 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.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.1 - Operating Restrictions (9/11)

Within Payment Unit(s) 1 and 2, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of July 16 to April 14. This restriction is because of seasonably wet soils.

##### 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.

##### 5.2.3.4 - Oak Wilt Restriction, No Exceptions (1/18)

Within Payment Units 1 and 2, 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.

#### 5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

A temporary stream crossing shown on the Timber Sale Map will require the use of timber mats for construction. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. Timber mats are available from various field offices. The Purchaser is responsible for picking up and hauling the mats to and from the site. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat will be assessed for all damaged or non-returned mats. Damage for the timber mats is defined as three or more broken cants.

#### 5.2.31 - Landing Locations (9/13)

Recommended landing areas are marked on the Timber Sale Map with the letter "L". These are recommendations only. All landing locations and designs must be approved by the Unit Manager or his/her representative.

### 5.3 - Stream Protection

#### 5.3.2 - Parking Equipment Near Water (10/23)

Within Payment Unit(s) 1 and 2, the parking of or storage of equipment is prohibited within 100 feet of water bodies or ground water supplies. All equipment, when not in use for harvest operations, must be parked a minimum of 100 feet away from water sources (streams, rivers, lakes, ponds, vernal pools, ground water sources) and 50 feet away from slopes leading to water sources and/or riparian areas. This restriction is for preventing unforeseen oil and/or fluid leaks from contaminating water bodies and/or ground water supplies.

## 7 - Other Conditions

### 7.10 - Certified Timber

#### 7.10.1 - Non-Certified Timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are treated by Midland County to reduce mosquito populations.

**TIMBER SALE MAP**

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

Sale Number <b>73-010-24</b>	Date 12/04/2024	
Scale 1:10,000	Page 1	Of 1

Forest Management Unit Gladwin Mgt Unit	County Midland	Mapped By: Scott Shootz
		Cruised By: Don Bonnette

Township 15N	Range 01W	Section(s) and Subdivision(s) Sec. 10 NESE; Sec. 11 SWNW,N1/2SW,SWSW;
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Cover Type			
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		

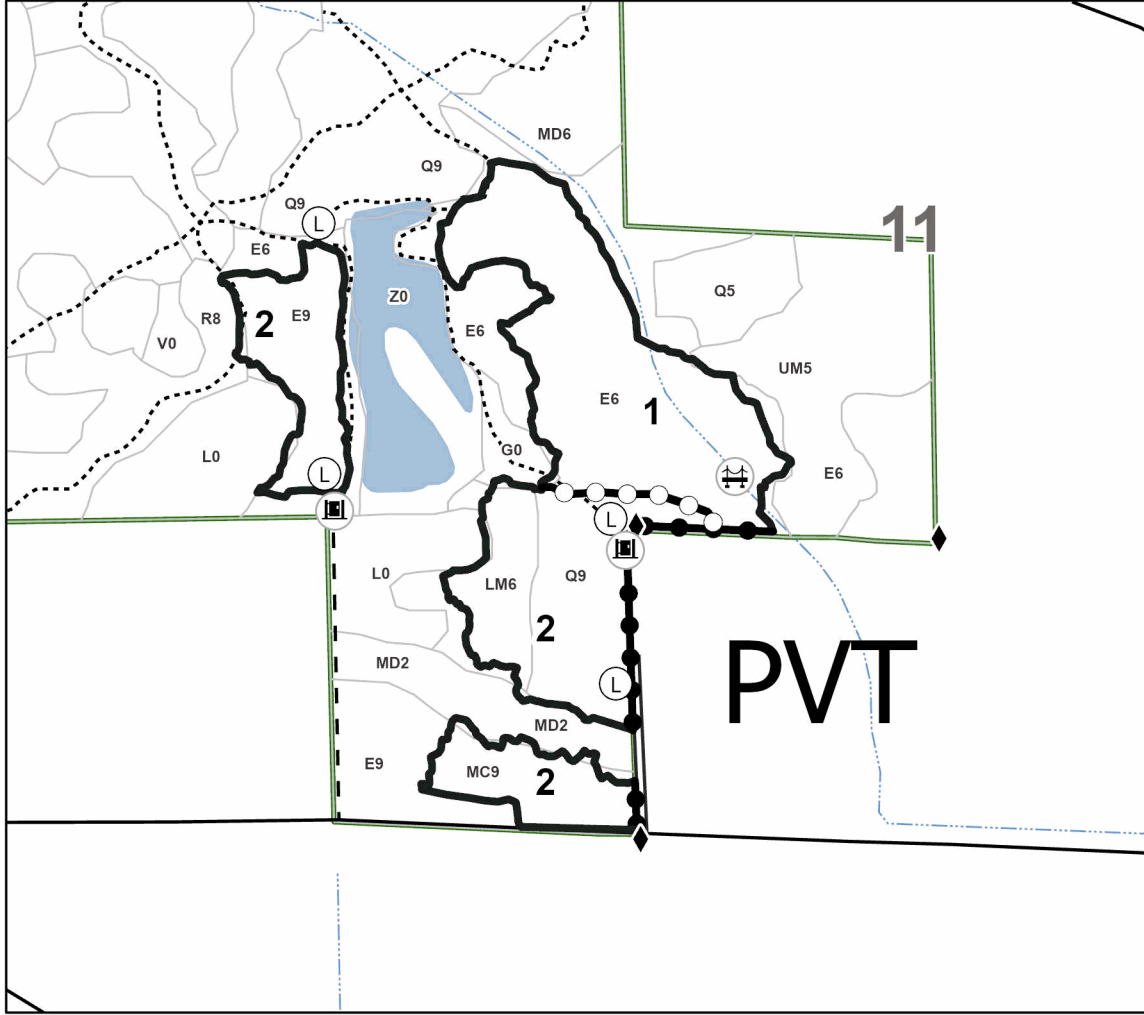
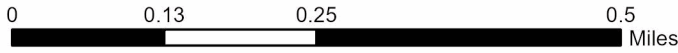
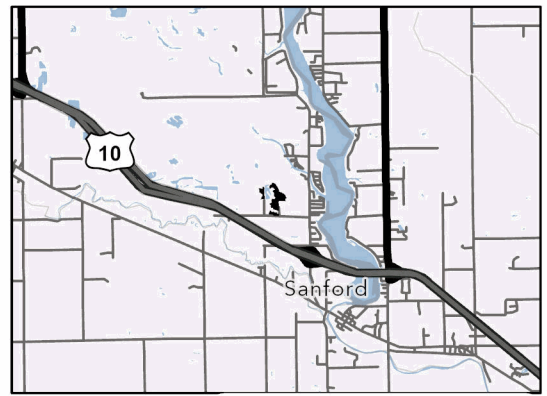
Density	
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres
1	23.4
2	28.7

**Turtle Flu**

**52.1 Acres**

**Locator Map 1:200,000**



**Legend**

- Against State (Red)
- Private Line (Blue)
- Payment Unit (Yellow)
- Stand
- Lakes and Rivers
- Primary Forest Road
- Administrative Access Only
- Paved Road
- Private Gravel/Dirt
- Intermittent Stream
- Survey Corner
- Landing
- Stream Crossing
- Gate

