



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #7527**

**REVISION NOTICE #1 - March 27, 2025**

SCHEDULED SALE DATE AND TIME: **2:00 p.m. (local time) on Monday, April 21, 2025**

LOCATION: **GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841**

This prospectus has been modified with the following changes.

The scheduled bid date and time have been changed. The scheduled bid date and time were Monday, April 14 2025 2:00 PM (local time) and have been changed to Monday, April 21 2025 2:00 PM (local time).

We apologize for any inconvenience this may have caused. If you need assistance, please contact Mike Brodeur at 906-346-9201 ext. 103.



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7527**

SCHEDULED SALE DATE AND TIME: **2:00 p.m. (local time) on April 14, 2025.**

LOCATION: **GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841.**

CONTACT NAME: Mike Brodeur

PHONE NUMBER: (906) 346-9201

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

Swale Hopper Hardwoods (32-005-24) / T44N, R23W, SEC. 12, N1/2SE, SWSE.

T44N, R23W, SEC. 12, NENW, S1/2NW, S1/2NE, NESW.

T44N, R23W, SEC. 13, E1/2SE.

Marquette County, Advertised Price \$29,565.50, 129.2 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Roads may require the installation of culverts. See Sale Condition 4.1.5 for details.

Access may be through private land.

## TIMBER SALE INFORMATION

Swale Hopper Hardwoods (32-005-24)  
T44N, R23W, SEC. 12; T44N, R23W, SEC. 13.  
Marquette County (Advertised Price \$29,565.50)

SALE NOTE: Roads may require the installation of culverts. See Sale Condition 4.1.5 for details.

Access may be through private land.

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		
Basswood	1.5 MBF	\$ 25.00 / MBF
Red Maple	93.0 MBF	\$ 66.00 / MBF
Sugar Maple	42.6 MBF	\$ 141.00 / MBF
Yellow Birch	11.2 MBF	\$ 17.00 / MBF
Pulpwood		
Balsam Fir	35 Cords	\$ 6.40 / Cord
Mixed Hardwood	2,080 Cords	\$ 7.40 / Cord
Quaking Aspen	65 Cords	\$ 17.20 / Cord
White Spruce	68 Cords	\$ 6.75 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.15 percent. There are an estimated 2,607 cords on this timber sale, plus or minus 317 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 \$2,956.55 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	22.5%
02	13.6%
03	25.9%
04	6.0%
05	3.1%
06	8.3%
07	8.1%
08	0.8%
09	8.7%
10	3.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

### **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
205,933	2,607	12.15%	2,290	2,924

## 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
1	111,483	1,411	18.48%	1,150	1,672
2	12,784	162	48.18%	84	240
3	52,896	670	20.30%	534	806
4	28,770	364	28.18%	262	467
<b>TOTAL:</b>	<b>205,933</b>	<b>2,607</b>		<b>2,029</b>	<b>3,184</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	73.0	1	26.5
1	73.0	2	16.0
1	73.0	3	30.5
2	7.6	4	7.6
3	33.8	5	5.1
3	33.8	6	13.9
3	33.8	7	13.4
3	33.8	8	1.4
4	14.8	9	11.0
4	14.8	10	3.8
<b>TOTAL:</b>	<b>391.4</b>		<b>129.2</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	0.5	MBF	26.5	\$6,657.85
	Red Maple		22.7	MBF		
	Sugar Maple		14.6	MBF		
	Yellow Birch		0.7	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		404	Cords		
	<i>Basswood</i>		7	<i>Cords</i>		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		174	<i>Cords</i>		
	<i>Sugar Maple</i>		216	<i>Cords</i>		
	<i>Yellow Birch</i>		1	<i>Cords</i>		
	White Spruce		11	Cords		
2	Basswood	Sawtimber	0.3	MBF	16.0	\$4,011.15
	Red Maple		13.7	MBF		
	Sugar Maple		8.8	MBF		
	Yellow Birch		0.4	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		243	Cords		
	<i>Basswood</i>		4	<i>Cords</i>		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		105	<i>Cords</i>		
	<i>Sugar Maple</i>		130	<i>Cords</i>		
	<i>Yellow Birch</i>		1	<i>Cords</i>		
	White Spruce		7	Cords		
3	Basswood	Sawtimber	0.7	MBF	30.5	\$7,669.65
	Red Maple		26.2	MBF		
	Sugar Maple		16.8	MBF		
	Yellow Birch		0.8	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		464	Cords		
	<i>Basswood</i>		7	<i>Cords</i>		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	<i>Ironwood</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		201	<i>Cords</i>		
	<i>Sugar Maple</i>		247	<i>Cords</i>		
	<i>Yellow Birch</i>		2	<i>Cords</i>		
	White Spruce		13	Cords		
4	Red Maple	Sawtimber	5.8	MBF	7.6	\$1,769.45
	Sugar Maple		2.4	MBF		
	Balsam Fir	Pulpwood	8	Cords		
	Mixed Hardwood		132	Cords		
	<i>Red Maple</i>		52	<i>Cords</i>		
	<i>Sugar Maple</i>		76	<i>Cords</i>		
	<i>Yellow Birch</i>		4	<i>Cords</i>		
	White Spruce		3	Cords		
5	Red Maple	Sawtimber	3.3	MBF	5.1	\$902.55
	Yellow Birch		0.9	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		86	Cords		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		75	<i>Cords</i>		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
	<i>Yellow Birch</i>		6	<i>Cords</i>		

**DESCRIPTION OF TIMBER BY PU (PU), CON'T**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	White Spruce	Pulpwood	3	Cords		
6	Red Maple	Sawtimber	9.1	MBF	13.9	\$2,468.10
	Yellow Birch		2.5	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		235	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		206	<i>Cords</i>		
	<i>Sugar Maple</i>		10	<i>Cords</i>		
	<i>Yellow Birch</i>		17	<i>Cords</i>		
	White Spruce		8	Cords		
7	Red Maple	Sawtimber	8.8	MBF	13.4	\$2,389.10
	Yellow Birch		2.5	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		227	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		198	<i>Cords</i>		
	<i>Sugar Maple</i>		10	<i>Cords</i>		
	<i>Yellow Birch</i>		17	<i>Cords</i>		
	White Spruce		8	Cords		
8	Red Maple	Sawtimber	0.9	MBF	1.4	\$248.85
	Yellow Birch		0.3	MBF		
	Mixed Hardwood	Pulpwood	24	Cords		
	<i>Red Maple</i>		21	<i>Cords</i>		
	<i>Sugar Maple</i>		1	<i>Cords</i>		
	<i>Yellow Birch</i>		2	<i>Cords</i>		
	White Spruce		1	Cords		
9	Red Maple	Sawtimber	1.9	MBF	11.0	\$2,560.20
	Yellow Birch		2.3	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Mixed Hardwood		197	Cords		
	<i>Red Maple</i>		142	<i>Cords</i>		
	<i>Sugar Maple</i>		25	<i>Cords</i>		
	<i>Yellow Birch</i>		30	<i>Cords</i>		
	Quaking Aspen		48	Cords		
	White Spruce		10	Cords		
10	Red Maple	Sawtimber	0.6	MBF	3.8	\$888.60
	Yellow Birch		0.8	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		68	Cords		
	<i>Red Maple</i>		49	<i>Cords</i>		
	<i>Sugar Maple</i>		8	<i>Cords</i>		
	<i>Yellow Birch</i>		11	<i>Cords</i>		
	Quaking Aspen		17	Cords		
	White Spruce		4	Cords		
TOTAL:			148.3	MBF		
TOTAL:			2,248	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Swale Hopper Hardwoods**

**Sale Number: 32-005-24 Seq#: 3**

### **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. Retention patches are marked with red paint; no harvesting activities may occur within these areas. 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) 1-4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

##### **2.1.7 - Leave Tree Marked Unit(s) (6/14)**

Within Payment Unit(s) 5-10, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut hemlock, cedar, white pine, or trees marked with green paint above and below stump height.

### **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. There will be only one division per Payment Unit.

#### **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, care should be taken to avoid damage to tree seedlings and saplings.

Within the Sale Area, if more than 10% 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 \$100 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 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.

##### **4.1.4 - Timber Removed for Construction (3/23)**

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 contract prices or average prices, if not on the contract.

#### 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.

#### 4.1.6 - Road Construction (4/24)

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. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Contact the Sale Administrator for specific details of design and placement.

### 4.4 - Access

#### 4.4.2 - Alternate route on private property (2/04)

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the Timber Sale Map.

## 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 operations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

### 5.2 - Conduct of Operations

#### 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

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

Within Payment Unit(s) 1-10, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen conditions, generally the period of December 1 to April 1. This restriction is due to wet soils and wet access roads.

##### 5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1-4, 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.

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

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. 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. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. 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 and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

#### 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.

#### 5.2.37 - No Decking Areas (12/08)

No decking is allowed within 50 feet of County Road 444 without permission of the county. Evidence of written permission may be requested by the Unit Manager or 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 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.

#### 5.4.2 - Skid Trails (2/04)

Skid trails up and down slopes should be avoided. If, however, this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the Sale Administrator, seed, fertilizer, and mulch may also be required.

### 5.8 - Protection of Endangered Species

#### 5.8.3 - Red Shoulder Hawk or Goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30 (UP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

## 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 County Road 444 and Maple Grove Road 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.

Sale Number  
**32-005-24**Date  
**10/15/2024**

Forest Management Unit

County

Mapped By: Rosten

Scale

Page

Of

Gwinn Mgt Unit

Marquette

Cruised By: Contractor, Gwinn Personnel

1:10,000

1

2

Township

Range

Section(s) and

44N

23W

Subdivision(s) Sec. 12 N1/2SE,SWSE; Sec. 12 NENW,S1/2NW,S1/2NE,NESW; Sec. 13 E1/2SE;

**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	PU #	Acres	PU #	Acres
1	26.5	5	5.1	9	11
2	16	6	13.9	10	3.8
3	30.5	7	13.4		
4	7.6	8	1.4		

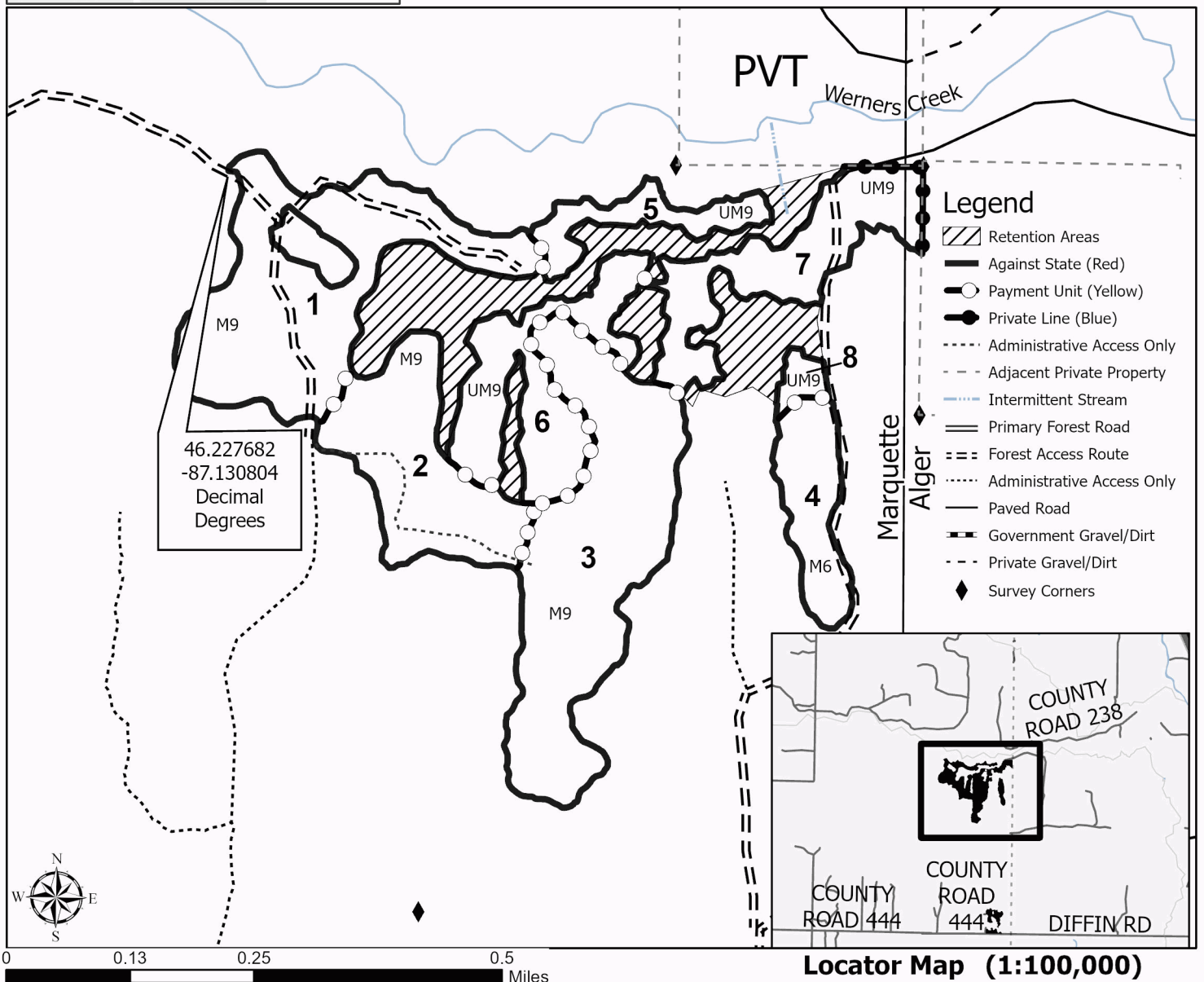
## Swale Hopper Hardwoods

### Compartment 8

**129.2 Acres**



Use QR Code to open Map in App



**TIMBER SALE MAP**

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

Sale Number  
**32-005-24**Date  
**10/15/2024**

Forest Management Unit	County	Mapped By: Rosten
Gwinn Mgt Unit	Marquette	Cruised By: Contractor, Gwinn Personnel

Scale  
**1:5,000**Page  
**2**Of  
**2**

Township	Range	Section(s) and Subdivision(s)
44N	23W	Sec. 12 N1/2SE,SWSE; Sec. 12 NENW,S1/2NW,S1/2NE,NESW; Sec. 13 E1/2SE;

**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	PU #	Acres	PU #	Acres	PU #	Acres
1	26.5	4	7.6	7	13.4	10	3.8
2	16	5	5.1	8	1.4		
3	30.5	6	13.9	9	11		

**Swale Hopper Hardwoods**  
**Compartment 8**  
**129.2 Acres**

Use QR Code to open Map in App

