



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7486**

SCHEDULED SALE DATE AND TIME: **10:00 a.m. (local time) on October 7, 2024.**

LOCATION: **SE REGION-WILD, 3580 STATE PARK DRIVE, BAY CITY, MI 48706.**

CONTACT NAME: Don Bonnette

PHONE NUMBER: (989) 385-5616

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 Game Area Manager, WATERLOO WILDLIFE OFFICE, for certain timber on the following described lands:

Sharonville Hardwood (26-005-24) / T03S, R02E, SEC. 36, E1/2NE.

T03S, R03E, SEC. 30, SWSW.

T03S, R03E, SEC. 31, N1/2NW, SWNW.

Washtenaw County, Advertised Price \$38,640.20, 77.6 Acres, Hardwood, Red Oak.

SALE NOTE: Harvesting limited to December 1 - March 31. Sale has received damage from windthrow and prescribed fire.

Access may be through other public land.

# TIMBER SALE INFORMATION

Sharonville Hardwood (26-005-24)

T03S, R02E, SEC. 36; T03S, R03E, SEC. 30; T03S, R03E, SEC. 31.

Washtenaw County (Advertised Price \$38,640.20)

SALE NOTE: Harvesting limited to December 1 - March 31. Sale has received damage from windthrow and prescribed fire.

Access may be through other public 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		
B. T. Aspen	22.0 MBF	\$ 24.00 / MBF
Bitternut Hickory	5.5 MBF	\$ 45.00 / MBF
Black Cherry	148.8 MBF	\$ 30.00 / MBF
Black Walnut	28.0 MBF	\$ 956.00 / MBF
Red Maple	6.0 MBF	\$ 29.00 / MBF
Red Oak	48.3 MBF	\$ 39.00 / MBF
Sugar Maple	22.9 MBF	\$ 45.00 / MBF
Pulpwood		
B. T. Aspen	5 Cords	\$ 9.75 / Cord
Bitternut Hickory	3 Cords	\$ 9.75 / Cord
Black Walnut	56 Cords	\$ 9.75 / Cord
Eastern Red Cedar	9 Cords	\$ 6.00 / Cord
Mixed Hardwood	220 Cords	\$ 9.75 / Cord
Red Oak	74 Cords	\$ 9.75 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 23.00 percent. There are an estimated 1,025 cords on this timber sale, plus or minus 236 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 \$1,932.01 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	35.8%
02	20.6%
03	17.6%
04	26.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

### **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
80,975	1,025	23.00%	789	1,261

**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
8	5,608	71	54.12%	33	109
10	15,114	191	77.47%	43	340
21	52,025	659	27.57%	477	840
74	552	7	183.74%	0	20
77	7,675	97	62.82%	36	158
<b>TOTAL:</b>	<b>80,975</b>	<b>1,025</b>		<b>589</b>	<b>1,467</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
8	3.3	1	3.3
10	6.8	1	6.8
21	38.3	1	12.0
		2	7.0
		3	2.5
		4	16.8
74	3.5	2	3.5
77	25.7	1	4.8
		2	8.6
		3	12.3
<b>TOTAL:</b>	<b>77.6</b>		<b>77.6</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE					
1	B. T. Aspen Bitternut Hickory Black Cherry Black Walnut Red Maple Red Oak Sugar Maple	Sawtimber	6.9	MBF	26.9	\$13,834.65					
			1.7	MBF							
			80.4	MBF							
			8.3	MBF							
			1.9	MBF							
			15.1	MBF							
			21.8	MBF							
		Pulpwood	2	Cords							
			1	Cords							
			15	Cords							
			2	Cords							
			124	Cords							
			6	Cords							
			53	Cords							
			3	Cords							
			62	Cords							
			23	Cords							
2	B. T. Aspen Bitternut Hickory Black Cherry Black Walnut Red Maple Red Oak Sugar Maple	Sawtimber	4.0	MBF	19.1	\$7,945.85					
			1.0	MBF							
			19.0	MBF							
			6.5	MBF							
			1.1	MBF							
			8.8	MBF							
			0.3	MBF							
		Pulpwood	1	Cords							
			1	Cords							
			15	Cords							
			3	Cords							
			32	Cords							
			3	Cords							
			25	Cords							
			2	Cords							
			2	Cords							
			14	Cords							
3	B. T. Aspen Bitternut Hickory Black Cherry Black Walnut Red Maple Red Oak Sugar Maple	Sawtimber	1.4	MBF	14.8	\$6,793.95					
			0.4	MBF							
			9.2	MBF							
			6.2	MBF							
			0.4	MBF							
			3.2	MBF							
			0.1	MBF							
		Pulpwood	19	Cords							
			3	Cords							
			15	Cords							
			3	Cords							
			10	Cords							
			1	Cords							
			1	Cords							
			5	Cords							
			4	B. T. Aspen Bitternut Hickory Black Cherry Black Walnut Red Maple Red Oak			Sawtimber	9.7	MBF	16.8	\$10,065.75
								2.4	MBF		
40.2	MBF										
7.0	MBF										
2.6	MBF										
21.2	MBF										

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Sugar Maple	Sawtimber	0.7	MBF		
	B. T. Aspen	Pulpwood	2	Cords		
	Bitternut Hickory		1	Cords		
	Black Walnut		7	Cords		
	Eastern Red Cedar		1	Cords		
	Mixed Hardwood		49	Cords		
	<i>American Elm</i>		3	<i>Cords</i>		
	<i>Black Cherry</i>		37	<i>Cords</i>		
	<i>Red Maple</i>		4	<i>Cords</i>		
	<i>Sugar Maple</i>		5	<i>Cords</i>		
	Red Oak		32	Cords		
TOTAL:			281.5	MBF		
TOTAL:			367	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Sharonville Hardwood

Sale Number: 26-005-24 Seq#: 1

### 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 red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The red painted boundary line trees are not Included Timber. 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

##### 2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1-4, cut all hickory and oak marked with orange paint and all other trees that are two (2) inches or more at DBH. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

#### 2.2 - Utilization

##### 2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

##### 2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops is not permissible.

##### 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. This is because the Sale Area will be managed with prescribed fire post-harvest.

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are unmarked oak and hickory. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$150 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesigned timber.

#### 3.6 - Payment Unit Cutting Schedule

##### 3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened. The Purchaser must give 3 days' notice before finishing a unit to allow for inspection.

##### 3.6.8 - Operating period (5/16)

Once cutting begins, operations must continue until all Payment Units are completed.

### 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.

#### 4.1.7 - Road closure (10/11)

The existing access trail east of the parking area (see Timber Sale Map) that leads to the designated landing area must be closed when timber harvest operations are complete. Boulders on site are available to complete the closure.

#### 4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. Skid trails only will be allowed.

### 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 to discuss landing locations and operations.

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

The Purchaser is responsible for contacting the gas or pipeline company 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Bobby Roye at 800-548-6482 or bobby.roye@bp.com for details on operating within the pipeline right-of-way. Written permission is required before harvest operations begin and must be submitted to the Unit Manager.

##### 5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 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 24 inches in height.

###### 5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in any opening which is indicated by G0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

###### 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.

##### 5.2.2 - 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. This includes any standing dead tree or snag.

##### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-4, unless changed by written agreement, feller buncher operations are not permitted before 7am or after 9pm. This restriction is due to the close proximity of residences to the Sale Area.

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

Within Payment Unit(s) 1-4, cutting, skidding, and hauling are limited to the period of December 1 through March 31. This restriction is necessary to reduce disturbance to various nesting and breeding wildlife.

###### 5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within all Payment Units, 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.

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

Landing areas are marked on the Timber Sale Map with the letter "L". Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 50-foot trailer.

#### 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 designated parking areas. No equipment storage in designated parking areas.

### 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, skid trails, or anywhere within the sale area, 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.

#### 5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the vernal pond areas or drainages. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

## 7 - Other Conditions

### 7.5 - Loss

#### 7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from windthrow and prescribed fire. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.

### 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 managed as a State Game Area.





### TIMBER SALE MAP

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

Sale Number <b>26-005-24</b>	Date 07/10/2024	
Scale 1:7,920	Page 1	Of 1

Forest Management Unit Waterloo Wildlife Office	County Washtenaw/Jackson	Mapped By: Bonnette Cruised By: Bonnette
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Township 03S	Range 02E / 03E	Section(s) and Subdivision(s) Sec. 30 SWSW; Sec. 31 N1/2NW,SWNW; Sec. 36 E1/2NE;
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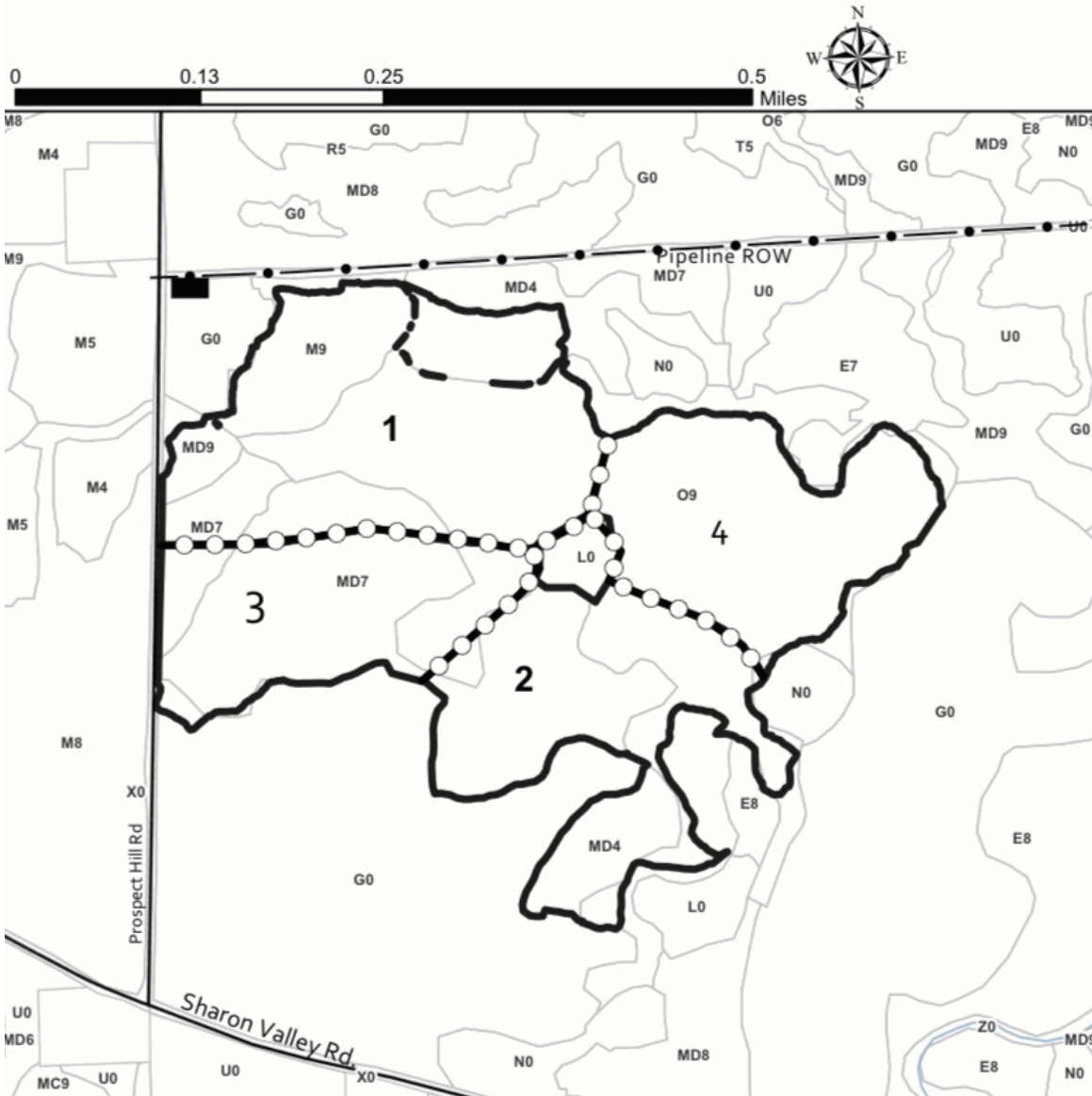
Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, 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	26.9
2	19.1
3	14.8
4	16.8

## Sharonville Hardwood

77.6 Acres



### Legend

- Against State (Red)
- Stand
- Payment Unit (Yellow)

Use QR Code to open Map in App

