



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7647**

**SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on June 11, 2025.**

**LOCATION: SHINGLETON MGMT UNIT, PO BOX 67, M 28 WEST, SHINGLETON, MI 49884.**

**CONTACT NAME: Robert Burnham**

**PHONE NUMBER: (906) 420-1645**

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

Smells Like Skunk Spruce (41-004-25) / T46N, R14W, SEC. 17, SWSW.

T46N, R14W, SEC. 18, S1/2NW, S1/2NE, NESW, SE.

Schoolcraft County, Advertised Price \$34,147.75, 143.1 Acres, Red Pine, Spruce/Fir/Tamarack.

SALE NOTE: It is recommended, but not required, that within Payment Unit(s) 1-4, harvesting occur during dry summer or frozen winter conditions because wet/low ground that occurs throughout the Sale Area.

## TIMBER SALE INFORMATION

Smells Like Skunk Spruce (41-004-25)

T46N, R14W, SEC. 17; T46N, R14W, SEC. 18.

Schoolcraft County (Advertised Price \$34,147.75)

**SALE NOTE:** It is recommended, but not required, that within Payment Unit(s) 1-4, harvesting occur during dry summer or frozen winter conditions because wet/low ground that occurs throughout the Sale Area.

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>
Pulpwood		
Black Spruce	476 Cords	\$ 8.40 / Cord
Jack Pine	131 Cords	\$ 37.40 / Cord
Paper Birch	24 Cords	\$ 9.50 / Cord
Red Maple	111 Cords	\$ 18.45 / Cord
Red Pine	218 Cords	\$ 95.90 / Cord
Tamarack	269 Cords	\$ 3.75 / Cord
White Pine	59 Cords	\$ 17.95 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 19.99 percent. There are an estimated 1,289 cords on this timber sale, plus or minus 258 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 \$1,707.39 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	11.4%
02	60.3%
03	22.1%
04	6.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2029.

### **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
101,819	1,289	19.99%	1,031	1,547

**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
42	25,533	323	32.93%	217	430
46	54,337	688	30.91%	475	900
51	16,206	205	50.66%	101	309
53	5,744	73	65.93%	25	121
<b>TOTAL:</b>	<b>101,819</b>	<b>1,289</b>		<b>818</b>	<b>1,760</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
42	32.6	1	32.6
46	80.0	2	80.0
51	14.7	3	14.7
53	15.8	4	15.8
<b>TOTAL:</b>	<b>143.1</b>		<b>143.1</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Spruce	Pulpwood	213	Cords	32.6	\$3,896.40
	Jack Pine		30	Cords		
	Red Maple		9	Cords		
	Red Pine		6	Cords		
	Tamarack		65	Cords		
2	Black Spruce	Pulpwood	165	Cords	80.0	\$20,605.70
	Jack Pine		57	Cords		
	Paper Birch		24	Cords		
	Red Maple		82	Cords		
	Red Pine		145	Cords		
	Tamarack		169	Cords		
	White Pine		45	Cords		
3	Black Spruce	Pulpwood	59	Cords	14.7	\$7,544.70
	Jack Pine		32	Cords		
	Red Maple		17	Cords		
	Red Pine		54	Cords		
	Tamarack		29	Cords		
	White Pine		14	Cords		
4	Black Spruce	Pulpwood	39	Cords	15.8	\$2,100.95
	Jack Pine		12	Cords		
	Red Maple		3	Cords		
	Red Pine		13	Cords		
	Tamarack		6	Cords		
TOTAL:			1,288	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Smells Like Skunk Spruce**

**Sale Number: 41-004-25 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 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**

##### **2.1.2 - Clearcut Unit(s) w/o Unmerchantable Trees (8/11)**

Within Payment Unit(s) 1-4, cut all trees which meet minimum piece specifications in 2.2 Utilization, regardless of merchantability.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing Payment Units (7/14)**

Payment Unit(s) with a value greater than \$20,000 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.

### **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.

##### **4.1.6 - 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, 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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

#### **4.2 - Maintenance**

##### **4.2.2 - Fill Material (4/07)**

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the Sale Administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

## 5 - Operations

### 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.

#### 5.2.22 - Operating Caution

##### 5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1-4, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because wet/low ground that occurs throughout the Sale Area.

#### 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.

### 5.8 - Protection of Endangered Species

#### 5.8.3 - Red-shouldered Hawk or Goshawk (1) (1/25)

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. 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.



**TIMBER SALE MAP**

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

Sale Number  
**41-004-25**

Date  
**03/24/2025**

Forest Management Unit  
Shingleton Mgt Unit

County  
Schoolcraft

Mapped By: S. Kentner

Cruised By: S. Kentner

Scale  
1:15,840

Page  
1

Of  
1

Township  
46N

Range  
14W

Section(s) and  
Subdivision(s) Sec. 17 SWSW; Sec. 18 S1/2NW,S1/2NE,NESW,SE;

**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

**Smells Like Skunk Spruce**  
**143.1 Acres**

