



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7424**

**SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on May 13, 2024.**

**LOCATION: GRAYLING MGMT UNIT, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738.**

**CONTACT NAME: Thomas Barnes**

**PHONE NUMBER: (989) 348-6371**

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

Great-Scott Pine (72-039-23) / T27N, R02E, SEC. 19, NESW,S1/2SW,W1/2SE.  
T27N, R02E, SEC. 30, N1/2NE.

Oscoda County, Advertised Price \$44,524.40, 78.5 Acres, Red Pine, White Pine.

SALE NOTE: Sale must be chipped. Aspen and jack pine are declining. Open areas in Payment Unit 2 need to be cut and chipped. Note that sale has a very high achieved error for the stand due to large open areas and high variability in the west half of Payment Unit 1, and the far eastern portion of Payment Unit 2.

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

Great-Scott Pine (72-039-23)

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Oscoda County (Advertised Price \$44,524.40)

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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		
Balsam Fir	3 Cords	\$ 38.90 / Cord
Black Cherry	12 Cords	\$ 31.75 / Cord
Jack Pine	229 Cords	\$ 23.10 / Cord
Mixed Aspen	103 Cords	\$ 30.65 / Cord
Mixed Spruce	26 Cords	\$ 44.25 / Cord
Northern Pin Oak	92 Cords	\$ 26.55 / Cord
Red Maple	6 Cords	\$ 31.75 / Cord
Red Pine	445 Cords	\$ 56.25 / Cord
White Pine	275 Cords	\$ 24.60 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 34.60 percent. There are an estimated 1,194 cords on this timber sale, plus or minus 413 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 \$2,226.22 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                  | 73.8%                       |
| 02                  | 26.2%                       |

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

### **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
94,316	1,194	34.60%	781	1,607

**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
19	43,631	552	38.96%	337	767
28	22,429	284	37.94%	176	392
30	7,276	92	45.46%	50	134
34	4,912	62	65.55%	21	103
42	16,067	203	52.53%	97	310
TOTAL:	94,316	1,194		682	1,706

**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
19	23.1	1	23.1
28	25.6	1	25.6
30	5.9	2	5.9
34	17.6	2	17.6
42	6.3	2	6.3
TOTAL:	78.5		78.5

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	3	Cords	48.7	\$32,849.25
	Black Cherry		4	Cords		
	Jack Pine		117	Cords		
	Mixed Aspen		91	Cords		
	B. T. Aspen		39	Cords		
	Quaking Aspen		52	Cords		
	Mixed Spruce		26	Cords		
	Black Spruce		21	Cords		
	White Spruce		5	Cords		
	Northern Pin Oak		37	Cords		
	Northern Pin Oak		3.6	MBF		
	Northern Pin Oak		30	Cords		
	Red Maple		6	Cords		
	Red Pine		355	Cords		
	White Pine		196	Cords		
2	Black Cherry	Pulpwood	8	Cords	29.8	\$11,675.15
	Jack Pine		112	Cords		
	Mixed Aspen		12	Cords		
	Balsam Poplar		12	Cords		
	Northern Pin Oak		55	Cords		
	Northern Pin Oak		2.6	MBF		
	Northern Pin Oak		50	Cords		
	Red Pine		90	Cords		
	White Pine		79	Cords		
TOTAL:			1,191	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Great-Scott Pine**

**Sale Number: 72-039-23 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, along with a road. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The Interior Payment Unit boundary is unpainted and identified by Kneeland Road (see Timber Sale Map). 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.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

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

Within Payment Unit(s) 1 & 2, cut all trees that are two (2) inches or more at DBH, except do not cut any apple trees or trees marked with green paint. 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**

##### **2.2.2 - Chipping required (2/18)**

The entire sale must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the Sale Administrator. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. The requirement to retain approximately 1/6 to 1/3 of treetops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

##### **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 planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

### **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**

##### **3.4.2 - 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 marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$300.00 per tree as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### **4 - Transportation**

#### **4.1 - Construction**

##### **4.1.6 - Road construction (1/09)**

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. 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. 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.

#### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

## 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.

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

Landing locations shall be agreed upon by the Purchaser and Sale Administrator prior to operations.

#### 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.

#### 5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

### 5.7 - Protection of Historical Sites

#### 5.7.2 - Potential historical site(s) (9/06)

The State Historic Preservation Office has identified the potential for a historic site within the boundary of this timber sale. Note that if the site is discovered during operations, General Condition and Requirement 5.7 - Protection of Historical Sites will apply.

## 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 Kneeland 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.

## 7 - Other Conditions

### 7.2 - Extensions

#### 7.2.4 - Limited extensions (4/17)

Given justification, only one, 1 year extension may be granted if the contract has been paid in full.

**TIMBER SALE MAP**

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

Sale Number  
**72-039-23**Date  
**10/06/2023**

Forest Management Unit	County	Mapped By: Price
Grayling Mgt Unit	Oscoda	Cruised By: Price, McClarren, Lovelace

Scale  
**1:7,920**Page  
**1**Of  
**1**

Township	Range	Section(s) and Subdivision(s)
27N	02E	Sec. 19 NESW,S1/2SW,W1/2SE; Sec. 30 N1/2NE;

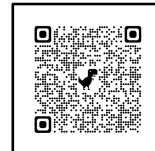
**Cover Type**

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

Use QR Code to open Map in App

**PU # Acres**

1	48.7
2	29.8

**Great-Scott Pine**  
**78.5 Acres**  
**Compartment 003**