



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7692**

**SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on September 15, 2025.**

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

**CONTACT NAME: Tom Barnes**

**PHONE NUMBER: (231) 384-7732**

**PROSPECTUS NOTE:** The sales on this Prospectus have received damage from the Ice Storm in late March 2025. The Purchaser should harvest the wood as soon as possible.

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:

Ice North Camp Barrens (72-617-25) / T27N, R02W, SEC. 15, NW,NESW,N1/2SE.

T27N, R02W, SEC. 16, NE,NESW,W1/2SE.

T27N, R02W, SEC. 21, N1/2NE.

T27N, R02W, SEC. 8 , NW.

Crawford County, Advertised Price \$18,820.60, 239.5 Acres, Hardwood, Jack Pine.

**SALE NOTE:** This salvage sale encompasses jack pine that was damaged by the spring 2025 ice storm. The sale is short duration with no extensions.

This sale is upon lands utilized for training by the Michigan National Guard - Camp Grayling. See Sale Spec 5.1.5 for details.

Operations on this contract may not be allowed during National Guard training operations. Typically, the restricted period is from May 1 to October 31. See Sale Spec 5.2.3.7 for restrictions.

Be aware that the Sale Area could contain UXO (unexploded ordinances). See Sale Spec 6.4 for additional details.

## TIMBER SALE INFORMATION

Ice North Camp Barrens (72-617-25)

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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		
Jack Pine	2,019 Cords	\$ 7.70 / Cord
Mixed Aspen	31 Cords	\$ 10.60 / Cord
Mixed Hardwood	25 Cords	\$ 14.00 / Cord
Northern Pin Oak	257 Cords	\$ 10.10 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 10.82 percent. There are an estimated 2,333 cords on this timber sale, plus or minus 253 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 \$941.03 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	21.4%
02	40.0%
03	22.8%
04	15.8%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2027.

### **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.

<u>VOLUME</u>			<u>STATISTICAL RANGE IN CORDS</u>	
<u>TOTAL CUBIC FEET</u>	<u>TOTAL CORDS</u>	<u>PERCENT ERROR</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
184,295	2,333	10.82%	2,080	2,585

**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
3	2,832	36	89.26%	4	68
5	62,868	796	24.20%	603	988
8	20,467	259	27.64%	187	331
24	40,317	510	12.86%	445	576
28	8,644	109	66.25%	37	182
54	49,166	622	19.32%	502	743
TOTAL:	184,295	2,333		1,778	2,887

**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
TOTAL:			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Pulpwood	468	Cords	46.6	\$4,024.60
	Jack Pine		468	Cords		
	Mixed Aspen		6	Cords		
	B. T. Aspen		6	Cords		
	Mixed Hardwood		1	Cords		
	Black Cherry		1	Cords		
	Northern Pin Oak		34	Cords		
2	Jack Pine	Pulpwood	701	Cords	88.8	\$7,519.10
	Jack Pine		701	Cords		
	Mixed Aspen		5	Cords		
	B. T. Aspen		5	Cords		
	Mixed Hardwood		15	Cords		
	Red Maple		15	Cords		
	Northern Pin Oak		184	Cords		
3	Jack Pine	Pulpwood	487	Cords	66.6	\$4,300.20
	Jack Pine		385	Cords		
	Misc. Species 3		102	Cords		
	Mixed Aspen		8	Cords		
	Quaking Aspen		8	Cords		
	Mixed Hardwood		8	Cords		
	Black Cherry		5	Cords		
	Red Maple		3	Cords		
	Northern Pin Oak		35	Cords		
4	Jack Pine	Pulpwood	363	Cords	37.5	\$2,976.70
	Jack Pine		295	Cords		
	Misc. Species 3		68	Cords		
	Mixed Aspen		12	Cords		
	Quaking Aspen		12	Cords		
	Mixed Hardwood		1	Cords		
	Black Cherry		1	Cords		
	Northern Pin Oak		4	Cords		
TOTAL:			2,332	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Ice North Camp Barrens**

**Sale Number: 72-617-25 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 as well as by roads and cover type boundaries. Exterior sale boundary lines against state are marked with red paint, unpainted boundary segments designated as mapped roads, fire control lanes, and cover type boundaries shown on the Timber Sale Map. Interior retention patches are marked with red paint; no harvesting activities may occur within these areas. Cut the merchantable red painted boundary line trees. If the red painted tree is in a multiple-stem clump, cut all trees within the clump.

### **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 trees that are two (2) inches or more at DBH, except leave all red pine, white pine, and white oak.

##### **2.1.11 - Description of Timber Note (2/04)**

Note that this is an ice storm salvage. All species were cruised as pulp. In Payment Units 3 and 4, jack pine that had snapped off below 4 inches diameter outside bark were cruised as Misc Species 3. In Payment Units 1 and 2, jack pine with broken tops were not split out as Misc Species.

#### **2.2 - Utilization**

##### **2.2.2 - Chipping Required (12/24)**

This area must be chip harvested to meet National Guard requirements and facilitate planned prescribed burning. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. Slash from the ice storm does not have to be chipped. The requirement to retain approximately 1/6 to 1/3 of treetops and limbs less than four (4) inches in diameter does not apply (G. C. & R. 2.2) because the sale is on Military lands.

##### **2.2.3 - Stump Heights (12/24)**

Stump heights within the Sale Area shall not exceed six (6) inches for all trees. This is in order to facilitate military requirements.

### **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 chipped, utilized or dispersed into the sale.

##### **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 chipped, utilized or otherwise removed from the sale. 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 may need to be placed along the remainder of the trail. 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

### 5.1 - Notification

#### 5.1.1 - Pre-sale Conference (10/16)

A pre-sale conference on site between the Purchaser and Sale Administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

#### 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.

#### 5.1.5 - National Guard Notification (1/25)

This sale is upon lands utilized for training by the Michigan National Guard - Camp Grayling. A minimum of five (5) business days prior to opening this sale, the Purchaser must request that the Sale Administrator contact the military for information regarding training plans that may impact sale operations.

### 5.2 - Conduct of Operations

#### 5.2.3 - Operating Restrictions

##### 5.2.3.7 - National Guard Training Restriction (1/25)

Operations on this contract may not be allowed during National Guard training operations. Typically, the restricted period is from May 1 to October 31. The Purchaser must check with the Unit Manager, who will coordinate the cutting schedule with the Military. All harvest equipment and timber products may need to be removed from the Sale Area during the period of May 1 to October 31.

#### 5.2.29 - Shrub Protection (1/20)

Do not cut or damage hawthorn, junberry, or plum. These woody-shrub plants are highly beneficial to various wildlife species.

#### 5.2.38 - No Decking Against Live Trees (2/04)

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

### 5.4 - Soil Protection

#### 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.

### 5.5 - Protection of Improvements

#### 5.5.3 - Protection of Improvements Detail (10/13)

Protect the Military gates and staked monitor plots.

## 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 Stephan Bridge Road and Bucks East-West Truck Trail prior to beginning operations. The road must be posted at appropriate distances from the Sale Area when felling is ongoing near the road corridor 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.

SKIP

#### 6.4 - Unexploded Ordinance (7/15)

Be aware that the Sale Area could contain UXO (unexploded ordinances). Do not touch or drive over any metal objects. If any objects are found, please flag the area and notify the Unit Manager or his/her representative, so that they can make arrangements with the Military.

### 7 - Other Conditions

#### 7.2 - Extensions

##### 7.2.2 - No Extensions (3/09)

This is an ice storm jack pine salvage harvest. There will be no extensions granted on this contract.

#### 7.5 - Loss

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

The Sale Area has received damage from the spring 2025 Ice Storm, in addition to age-related decline and mortality. 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 for military training.



# TIMBER SALE MAP

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

Sale Number  
**72-617-25**

Date  
**07/16/2025**

Forest Management Unit  
Grayling Mgt Unit

County  
Crawford

Mapped By: Charlebois, McClarren  
Cruised By: Charlebois

Scale  
**1:25,000**

Page  
**1**

Of  
**1**

Township  
27N

Range  
02W

Section(s) and  
Subdivision(s) Sec. 15 NW,NESW,N1/2SE; Sec. 16 NE,NESW,W1/2SE; Sec. 21 N1/2NE; Sec. 8 NW;

## 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

