



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7097**

SCHEDULED SALE DATE AND TIME: 11:00 a.m. (local time) on August 24, 2022.

LOCATION: SW REGION-WILD, 621 NORTH 10TH STREET, PLAINWELL, MI 49080.

CONTACT NAME: Cynthia McQueer

PHONE NUMBER: (269) 762-1762

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, PARIS FIELD OFFICE, for certain timber on the following described lands:

Novel Tea (68-001-22) / T16N, R09W, SEC. 23, E1/2NE.

T16N, R09W, SEC. 24, W1/2NW.

Mecosta County, Advertised Price \$80,398.25, 49.3 Acres, Aspen, Hardwood.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

Access may be through other public land.

## TIMBER SALE INFORMATION

Novel Tea (68-001-22)

T16N, R09W, SEC. 23; T16N, R09W, SEC. 24.

Mecosta County (Advertised Price \$80,398.25)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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	402.4 MBF	\$ 85.00 / MBF
Black Cherry	30.7 MBF	\$ 142.00 / MBF
Red Maple	7.8 MBF	\$ 93.00 / MBF
Pulpwood		
B. T. Aspen	1,879 Cords	\$ 18.75 / Cord
Mixed Hardwood	388 Cords	\$ 15.15 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 9.12 percent. There are an estimated 3,330 cords on this timber sale, plus or minus 304 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 \$4,019.91 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 remainder is due before cutting begins.
  - (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	100.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/01/2024.

### **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
263,098	3,330	9.12%	3,026	3,634

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	410	5	100.00%	0	10
2	115,451	1,461	11.96%	1,287	1,636
3	147,237	1,864	13.34%	1,615	2,112
TOTAL:	263,098	3,330		2,902	3,759

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	1.4	1	1.4
2	27.4	1	27.4
3	20.5	1	20.5
TOTAL:	49.3		49.3

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	402.4	MBF	49.3	\$80,398.25
	Black Cherry		30.7	MBF		
	Red Maple		7.8	MBF		
	B. T. Aspen	Pulpwood	1,879	Cords		
	Mixed Hardwood		388	Cords		
	Black Cherry		50	Cords		
	Red Maple		338	Cords		
TOTAL:			440.9	MBF		
TOTAL:			2,267	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Novel Tea**

**Sale Number: 68-001-22 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. Retention patches are marked with green 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**

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

Within Payment Unit(s) 1, cut all aspen, maple, and black cherry trees that are two (2) inches or more at DBH.

#### **2.2 - Utilization**

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

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH.

### **4 - Transportation**

#### **4.3 - Public Right-of-Way**

##### **4.3.2 - County R-O-W (12/06)**

The county must be contacted prior to crossing or harvesting in the county road R-O-W.

### **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 10 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**

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

Within Payment Unit(s) 1, unless changed by written agreement, cutting, skidding, and hauling are not permitted during the period of March 1 to August 1. This restriction is because of steep slopes and low ground with soft soils, wildlife nesting season, and to reduce the spread of tree pathogens such as oak wilt.

###### **5.2.3.12 - Hunting operating restriction (1/18)**

No Payment Unit may be started during the period of September 29 to October 2 or November 13 to November 16 without permission of the Unit Manager or his/her representative.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, leave one, 12" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres.

##### 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.

#### 5.4 - 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.

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

No harvesting operations, including skidding and felling, are to take place within the identified retention pockets shown on the Timber Sale Map as well as any obvious wet areas, especially if surface water is visible, that may also be within the Sale Area. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

### 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 the nearby 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

#### 7.10 - 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	Year
68-001	22

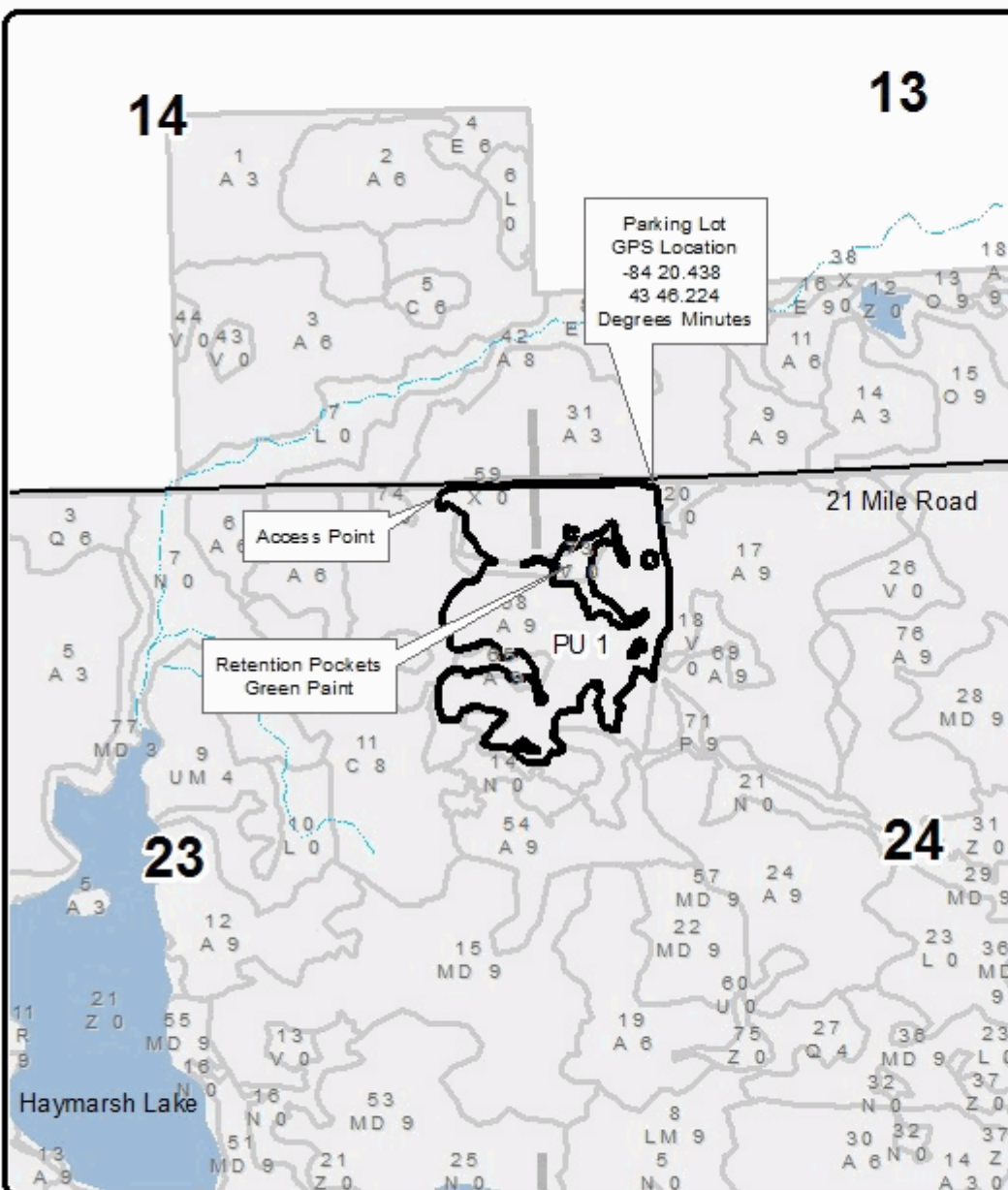
Forest Management Unit Haymarsh State Game Area	County Me costa	Mapped By J. Bramer	Date 05/31/2022	Page 1	of 1
Cruised By R. Kanaziz & J. Bramer					

Township 16N	Range 09W	Section(s) and Subdivision(s) Sections 23, 24	Scale 1:15,840
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Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
D = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hardwoods	M = Mpl. Dec. Dec.	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU Acres  
1 49.3

**Novel Tea**  
49.3 Acres  
Compartment 2

**Legend**

- Timber Sale Area (Red Paint)
- Road
- Intermittent Stream
- Lakes and Rivers
- Stand Boundaries
- State Game Area



QR code opens map  
in Avenza App.

0 0.125 0.25 0.5 0.75 1 Miles