



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6873**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on October 12, 2021.

LOCATION: ATLANTA MGMT UNIT, 13501 M 33, ATLANTA, MI 49709.

CONTACT NAME: Cody Stevens

PHONE NUMBER: (989) 785-4251

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

C26 TB Outwash Aspen Mix (54-044-20) / T30N, R04E, SEC. 5 , W1/2NW.

T30N, R04E, SEC. 6 , NE.

T31N, R04E, SEC. 31, SWSE.

Montmorency County, Advertised Price \$40,908.15, 62.5 Acres, Aspen, Spruce/Fir/Tamarack.

## TIMBER SALE INFORMATION

### C26 TB Outwash Aspen Mix (54-044-20)

T30N, R04E, SEC. 5; T30N, R04E, SEC. 6; T31N, R04E, SEC. 31.  
Montmorency County (Advertised Price \$40,908.15)

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 T-Sale computer program and our traditional volume equations. 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		
Quaking Aspen	117.2 MBF	\$ 105.00 / MBF
Red Maple	15.6 MBF	\$ 55.00 / MBF
Red Oak	6.5 MBF	\$ 174.00 / MBF
White Pine	2.7 MBF	\$ 39.00 / MBF
White Spruce	12.6 MBF	\$ 33.00 / MBF
Pulpwood		
Balsam Fir	283 Cords	\$ 20.10 / Cord
Mixed Aspen	610 Cords	\$ 27.55 / Cord
Mixed Hardwood	81 Cords	\$ 22.30 / Cord
Red Oak	38 Cords	\$ 38.40 / Cord
White Pine	11 Cords	\$ 11.05 / Cord
White Spruce	32 Cords	\$ 6.60 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 13.38 percent. There are an estimated 1,416 cords on this timber sale, plus or minus 190 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:**

- A bond in the amount of \$2,045.41 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
  - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - The 10% down payment will be credited towards the first unit cut.
  - 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	29.0%
02	33.1%
03	37.9%
- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 12/31/2023.

### **SALE STATISTICS**

#### **SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
111,900	1,416	13.38%	1,227	1,606

**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
10	33,820	428	24.72%	322	534
57	78,084	988	15.80%	832	1,145
TOTAL:	111,904	1,417		1,155	1,678

**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
10	16.4	1	16.4
57	46.1	2	21.5
		3	24.6
TOTAL:	62.5		62.5

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Quaking Aspen	Sawtimber	25.3	MBF	16.4	\$11,868.40
	Red Maple		6.8	MBF		
	Red Oak		4.4	MBF		
	White Pine		2.7	MBF		
	White Spruce		10.3	MBF		
	Balsam Fir	Pulpwood	98	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	3.9	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	90	<i>Cords</i>		
	Mixed Aspen		169	Cords		
	<i>Balsam Poplar</i>	<i>Sawtimber</i>	6.8	<i>MBF</i>		
	<i>Balsam Poplar</i>	<i>Pulpwood</i>	24	<i>Cords</i>		
	<i>Quaking Aspen</i>		131	<i>Cords</i>		
	Mixed Hardwood		20	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		18	<i>Cords</i>		
	Red Oak		7	Cords		
	White Pine		11	Cords		
	White Spruce		25	Cords		
2	Quaking Aspen	Sawtimber	42.9	MBF	21.5	\$13,526.00
	Red Maple		4.1	MBF		
	Red Oak		1.0	MBF		
	White Spruce		1.1	MBF		
	Balsam Fir	Pulpwood	86	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	7.4	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	71	<i>Cords</i>		
	Mixed Aspen		206	Cords		
	<i>Balsam Poplar</i>	<i>Sawtimber</i>	3.9	<i>MBF</i>		
	<i>Balsam Poplar</i>	<i>Pulpwood</i>	39	<i>Cords</i>		
	<i>Quaking Aspen</i>		159	<i>Cords</i>		
	Mixed Hardwood		28	Cords		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	<i>Paper Birch</i>		5	<i>Cords</i>		
	<i>Red Elm</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		21	<i>Cords</i>		
	Red Oak		14	Cords		
	White Spruce		3	Cords		
3	Quaking Aspen	Sawtimber	49.0	MBF	24.6	\$15,513.75
	Red Maple		4.7	MBF		
	Red Oak		1.1	MBF		
	White Spruce		1.2	MBF		
	Balsam Fir	Pulpwood	99	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	8.4	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	82	<i>Cords</i>		
	Mixed Aspen		235	Cords		
	<i>Balsam Poplar</i>	<i>Sawtimber</i>	4.5	<i>MBF</i>		
	<i>Balsam Poplar</i>	<i>Pulpwood</i>	44	<i>Cords</i>		
	<i>Quaking Aspen</i>		182	<i>Cords</i>		
	Mixed Hardwood		33	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Paper Birch</i>		5	<i>Cords</i>		
	<i>Red Elm</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		25	<i>Cords</i>		
	Red Oak		17	Cords		
	White Spruce		4	Cords		

TOTAL:	154.6	MBF
TOTAL:	1,055	Cords

## **Sale Specific Conditions & Requirements**

**Sale Name: C26 TB Outwash Aspen Mix**

**Sale Number: 54-044-20 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 blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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. 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) 1-3, cut all trees that are two (2) inches or more at DBH, except protect and do not cut green marked trees, red pine, or cedar in Payment Unit 1. Protect and do not cut pine or cedar in Payment Units 2 and 3. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

### **3 - Payments**

#### **3.4 - Damaged Timber**

##### **3.4.1 - Damaged timber (7/16)**

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Within the Sale Area, if more than 25% of the pine seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$150 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 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 and are 26 inches at DBH or greater. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250 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**

##### **4.1.3 - 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.

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

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.

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

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

## 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 within a Payment Unit 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 5 days 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

#### 5.2.2 - 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

##### 5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant tree sprouting occurs in that Payment Unit to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location for chipping later. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.1 - Dead and down creation, marked trees (10/13)

Within Payment Units 2 and 3 trees marked with a band of pink paint must be left standing until all designated merchantable timber has been cut and taken to the landing. At which time, they are to be cut, felled, and left on the ground.

##### 5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over trees marked with a pink band of paint in Payment Unit 1. These pink banded trees should be left standing until all designated merchantable timber has been cut and forwarded to the landing. Once the forwarding requirement is met, the Purchaser is required to push over the pink banded trees. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over.

#### 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.

#### 5.8 - Protection of Endangered Species

##### 5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

### 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 forest roads 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.



**TIMBER SALE MAP**

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

Sale Number	Year
54-044	21

Forest Management Unit	County	Mapped By	Date	Page	of
Atlanta	Montmorency	D. Parris	10/26/2020	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
30N 31N	04E 04E	T30N R04E Sec. 5 W1/2NW; Sec. 6 NE T31N R04E Sec. 31 SWSE	1:7,920		

**Cover Type**

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

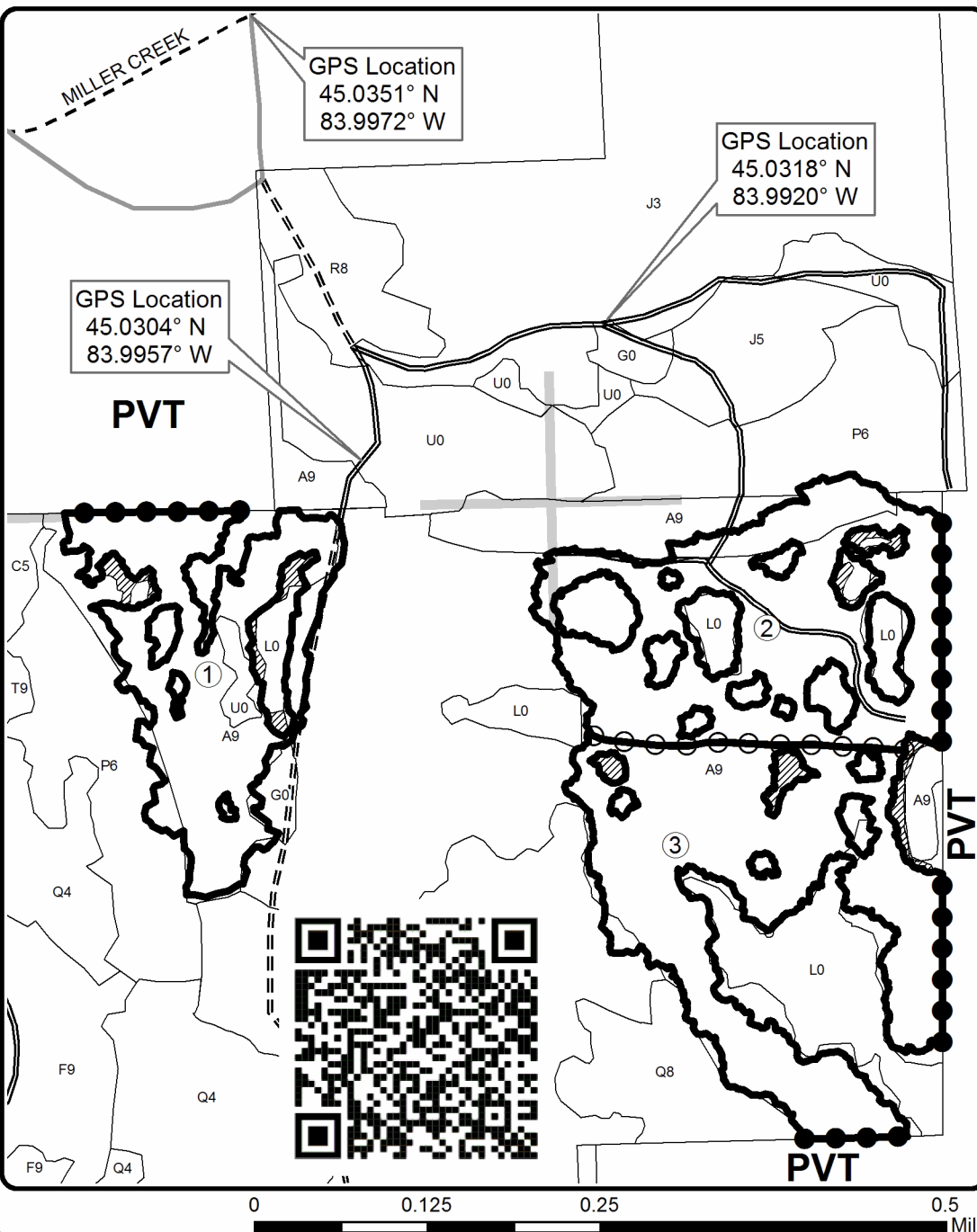
**Density**

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	16.4
2	21.5
3	24.6

## C26 TB Outwash Aspen Mix

Compartment 26  
62.5 Acres

**Legend**

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Payment Unit
- ▨ Retention Area (Red)
- Stand Boundaries
- Secondary Forest Road
- == Forest Access Route
- - Gravel Road
- Private
- Section Corners

**Locator Map**  
1:150,000