



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7230**

SCHEDULED SALE DATE AND TIME: **10:00 a.m. (local time) on June 27, 2023.**

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:

C128 South and Central (54-026-22) / T33N, R04E, SEC. 28, W1/2SW.

T33N, R04E, SEC. 29, E1/2SE.

T33N, R04E, SEC. 32, N1/2NE, E1/2SE.

T33N, R04E, SEC. 33, SWNW, SW.

Presque Isle County, Advertised Price \$111,158.05, 116.6 Acres, Aspen, Hardwood.

TIMBER SALE INFORMATION

C128 South and Central (54-026-22)

T33N, R04E, SEC. 28; T33N, R04E, SEC. 29; T33N, R04E, SEC. 32; T33N, R04E, SEC. 33.

Presque Isle County (Advertised Price \$111,158.05)

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Mixed Aspen	97.1 MBF	\$ 104.00 / MBF
Mixed Oak	243.2 MBF	\$ 150.00 / MBF
Red Maple	6.9 MBF	\$ 98.00 / MBF
Pulpwood		
Balsam Fir	73 Cords	\$ 37.20 / Cord
Jack Pine	4 Cords	\$ 15.75 / Cord
Mixed Aspen	929 Cords	\$ 30.15 / Cord
Mixed Oak	704 Cords	\$ 33.75 / Cord
Paper Birch	4 Cords	\$ 16.30 / Cord
Red Maple	279 Cords	\$ 32.30 / Cord
White Spruce	14 Cords	\$ 19.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.22 percent. There are an estimated 2,908 cords on this timber sale, plus or minus 356 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 \$5,557.90 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	2.3%
02	6.6%
03	5.5%
04	20.4%
05	14.0%
06	24.2%
07	27.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

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.

<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>
229,702	2,908	12.22%	2,552	3,263

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
22	34,399	435	25.84%	323	548
38	29,462	373	41.34%	219	527
52	13,019	165	88.99%	18	311
60	96,091	1,216	17.23%	1,007	1,426
61	50,109	634	24.96%	476	793
109	6,622	84	31.41%	58	110
TOTAL:	229,702	2,908		2,100	3,715

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
22	18.5	5	18.5
38	20.6	2	11.3
		3	9.3
52	3.6	6	3.6
60	47.1	4	19.9
		6	0.2
		7	27.0
61	18.7	4	0.6
		6	18.1
109	8.1	1	8.1
TOTAL:	116.6		116.6

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Oak	Sawtimber	5.1	MBF	8.1	\$2,604.80
	/Red (Hybrid) Oak		4.5	MBF		
	White Oak		0.6	MBF		
	Red Maple	Pulpwood	0.7	MBF		
	Jack Pine		4	Cords		
	Mixed Oak		42	Cords		
	/Red (Hybrid) Oak		41	Cords		
	White Oak		1	Cords		
	Red Maple		9	Cords		
2	Mixed Aspen	Sawtimber	2.2	MBF	11.3	\$7,325.30
	B. T. Aspen		2.2	MBF		
	Mixed Oak		22.3	MBF		
	/Red (Hybrid) Oak		21.9	MBF		
	White Oak	Pulpwood	0.4	MBF		
	Mixed Aspen		4	Cords		
	B. T. Aspen		4	Cords		
	Mixed Oak		76	Cords		
	/Red (Hybrid) Oak		72	Cords		
	White Oak		4	Cords		
3	Mixed Aspen	Sawtimber	1.9	MBF	9.3	\$6,080.15
	B. T. Aspen		1.9	MBF		
	Mixed Oak		18.4	MBF		
	/Red (Hybrid) Oak		18.1	MBF		
	White Oak	Pulpwood	0.3	MBF		
	Mixed Aspen		3	Cords		
	B. T. Aspen		3	Cords		
	Mixed Oak		64	Cords		
	/Red (Hybrid) Oak		60	Cords		
	White Oak		4	Cords		
4	Red Maple		27	Cords		
	Mixed Aspen	Sawtimber	18.1	MBF	20.5	\$22,725.15
	B. T. Aspen		16.9	MBF		
	Quaking Aspen		1.2	MBF		
	Mixed Oak		71.3	MBF		
	/Red (Hybrid) Oak		68.8	MBF		
	White Oak		2.5	MBF		
	Red Maple		1.2	MBF		
	Balsam Fir		2	Cords		
	Balsam Fir		2	Cords		
	Mixed Aspen		81	Cords		
	B. T. Aspen		66	Cords		
	Balsam Poplar		1	Cords		
	Quaking Aspen		14	Cords		
	Mixed Oak		192	Cords		
	/Red (Hybrid) Oak		175	Cords		
	White Oak		17	Cords		
	Red Maple		32	Cords		
5	Mixed Aspen	Sawtimber	18.2	MBF	18.5	\$15,594.80
	B. T. Aspen		18.2	MBF		
	Mixed Oak		16.1	MBF		
	/Red (Hybrid) Oak	Pulpwood	16.1	MBF		
	Red Maple		0.4	MBF		
	Mixed Aspen		298	Cords		
	B. T. Aspen		298	Cords		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Mixed Oak /Red (Hybrid) Oak Red Maple	Pulpwood	46 46 22	Cords Cords Cords		
6	Mixed Aspen <i>B. T. Aspen</i> <i>Quaking Aspen</i> Mixed Oak /Red (Hybrid) Oak Red Maple Balsam Fir <i>Balsam Fir</i> <i>Balsam Fir</i> Mixed Aspen <i>B. T. Aspen</i> <i>Balsam Poplar</i> <i>Quaking Aspen</i> Mixed Oak /Red (Hybrid) Oak Paper Birch Red Maple White Spruce <i>White Spruce</i> <i>White Spruce</i>	Sawtimber Pulpwood <i>Sawtimber</i> <i>Pulpwood</i> <				

Sale Specific Conditions & Requirements

Sale Name: C128 South and Central

Sale Number: 54-026-22 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, 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) 1-7, cut all trees that are two (2) inches or more at DBH, except do not cut or damage red pine, white pine, or trees marked with green paint. In addition, red pine and white pine marked with orange paint are included timber. 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

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) \$25,000 in value or greater 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

3.4.1 - 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 specified 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. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 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 will only 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 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

5.2.1 - Slash

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in openings which are indicated by "G0" and/or "U0" on the Timber Sale Map. Use of these areas for the decking of wood must be pre-approved. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

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

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 1-3, cutting, skidding, and hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 4-7, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

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 so as 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 or left unchipped. 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

5.2.4.7 - 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 all purple ringed trees after all designated wood has been forwarded from a Payment Unit. 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

5.4.2 - 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.

5.4.5 - Soil caution (11/04)

Care must be taken to minimize soil damage due to the sandy soils.

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
54-026	22

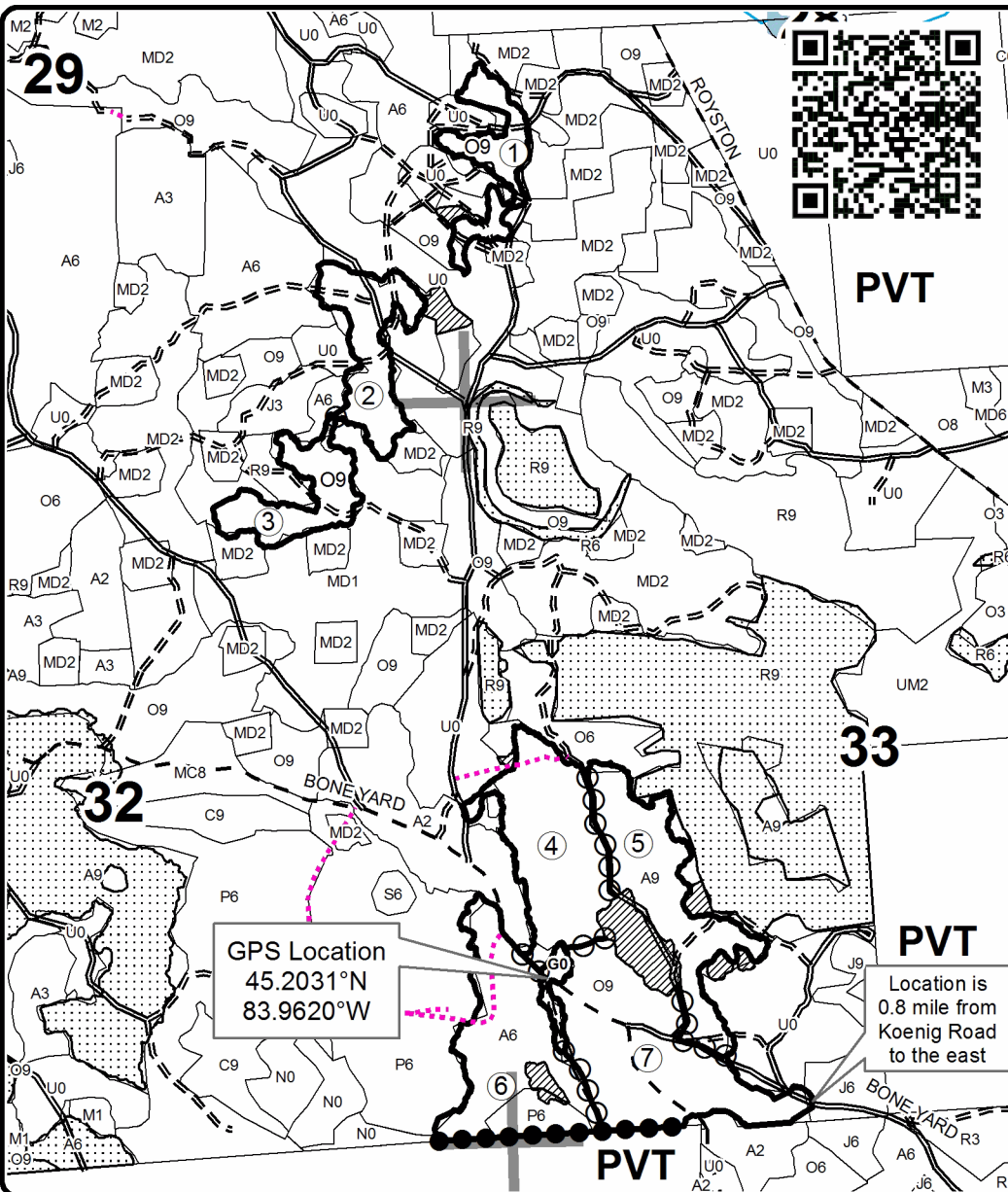
Forest Management Unit Atlanta	County Presque Isle	Mapped By D. Parris	Date 09/27/2022	Page 1	of 1
Township 33N	Range 04E	Section(s) and Subdivision(s) Sec 28 W1/2SW; Sec 29 E1/2SE, Sec 32 N1/2NE, E1/2SE; Sec 33 SWNW, SW	Scale 1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = 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 Hdwoods	M = Mpl, Bch, Brch	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			

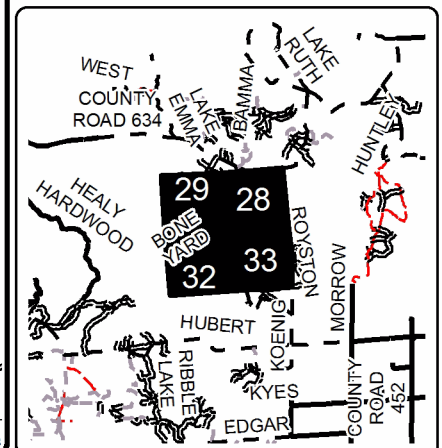
PU	Acres	PU	Acres
1	8.1	5	18.5
2	11.3	6	21.9
3	9.3	7	27.0
4	20.5		

C128 South and Central

Compartment 128
116.6 Acres

**Legend**

- Against State (Red)
- ⊗ Payment Unit (Yellow)
- Private Line (Blue)
- ▨ Retention Area (Red)
- ▤ Nearby Timber Sales
- Payment Unit
- Stand Boundaries
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- - County - Gravel Road
- ... Temporary Management Access
- Lakes and Rivers
- Section Corners

Locator Map
1:200,000

0 0.125 0.25 0.5 0.75 1 Miles