



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7232**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on August 29, 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:

Friends in Lowland Places (54-018-22) / T37N, R01E, SEC. 35, E1/2NE, N1/2SE.

T37N, R01E, SEC. 36, NWNW, N1/2NE.

Cheboygan County, Advertised Price \$22,756.50, 31.5 Acres, Aspen, N White Cedar.

SALE NOTE: Cutting, skidding, and hauling are limited to very dry or frozen ground conditions. See spec 5.2.3.1 for details.

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

Friends in Lowland Places (54-018-22)

T37N, R01E, SEC. 35; T37N, R01E, SEC. 36.

Cheboygan County (Advertised Price \$22,756.50)

SALE NOTE: Cutting, skidding, and hauling are limited to very dry or frozen ground conditions. See spec 5.2.3.1 for details.

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.

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	13.8 MBF	\$ 108.00 / MBF
White Pine	7.0 MBF	\$ 142.00 / MBF
Pulpwood		
Balsam Fir	57 Cords	\$ 35.30 / Cord
Black Spruce	37 Cords	\$ 17.40 / Cord
Mixed Aspen	294 Cords	\$ 26.55 / Cord
Mixed Hardwood	136 Cords	\$ 30.10 / Cord
N. White Cedar	273 Cords	\$ 18.90 / Cord
Paper Birch	22 Cords	\$ 16.30 / Cord
Red Oak	2 Cords	\$ 29.25 / Cord
White Pine	6 Cords	\$ 23.35 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 31.26 percent. There are an estimated 896 cords on this timber sale, plus or minus 280 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 \$1,137.83 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	16.2%
02	50.7%
03	33.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

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
70,782	896	31.26%	616	1,176

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
16	17,497	221	41.83%	129	314
26	10,256	130	83.46%	21	238
36	43,028	545	46.70%	290	799
TOTAL:	70,782	896		441	1,351

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
16	14.1	3	14.1
26	4.2	1	4.2
36	13.2	2	13.2
TOTAL:	31.5		31.5

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	7.0	MBF	4.2	\$3,681.90
	<i>B. T. Aspen</i>		7.0	<i>MBF</i>		
	Balsam Fir	Pulpwood	14	Cords		
	Mixed Aspen		2	Cords		
	<i>B. T. Aspen</i>		2	<i>Cords</i>		
	Mixed Hardwood		74	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	3.5	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	43	<i>Cords</i>		
	<i>Sugar Maple</i>		24	<i>Cords</i>		
	N. White Cedar		8	Cords		
	<i>N. White Cedar</i>	<i>Sawtimber</i>	3.4	<i>MBF</i>		
	<i>N. White Cedar</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
2	Black Spruce	Pulpwood	37	Cords	13.2	\$11,539.70
	Mixed Aspen		206	Cords		
	<i>Balsam Poplar</i>		14	<i>Cords</i>		
	<i>Quaking Aspen</i>		192	<i>Cords</i>		
	Mixed Hardwood		7	Cords		
	<i>Red Maple</i>		7	<i>Cords</i>		
	N. White Cedar		257	Cords		
	<i>N. White Cedar</i>	<i>Sawtimber</i>	40.8	<i>MBF</i>		
	<i>N. White Cedar</i>	<i>Pulpwood</i>	175	<i>Cords</i>		
	Paper Birch		22	Cords		
	3	Mixed Aspen	Sawtimber	6.8		
<i>B. T. Aspen</i>			5.4	<i>MBF</i>		
<i>Quaking Aspen</i>			1.4	<i>MBF</i>		
White Pine			7.0	MBF		
Balsam Fir		Pulpwood	43	Cords		
Mixed Aspen			86	Cords		
<i>B. T. Aspen</i>			19	<i>Cords</i>		
<i>Quaking Aspen</i>			67	<i>Cords</i>		
Mixed Hardwood			55	Cords		
<i>Sugar Maple</i>		<i>Sawtimber</i>	0.9	<i>MBF</i>		
<i>Red Maple</i>		<i>Pulpwood</i>	49	<i>Cords</i>		
<i>Sugar Maple</i>			4	<i>Cords</i>		
N. White Cedar			8	Cords		
<i>N. White Cedar</i>			8	<i>Cords</i>		
Red Oak			2	Cords		
White Pine			6	Cords		
TOTAL:			20.8	MBF		
TOTAL:			827	Cords		

Sale Specific Conditions & Requirements

Sale Name: Friends in Lowland Places

Sale Number: 54-018-22 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 and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. 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) 1-3, cut all trees that are two (2) inches or more at DBH, with the following exceptions:

- Within Payment Unit 1, do not cut hemlock, yellow birch and the single tree ringed with green paint.
- Within Payment Unit 2, if present, do not cut hemlock, yellow birch or white pine.
- Within Payment Unit 3, do not cut white pine that are eighteen (18) inches or more at DBH. In addition, do not cut any hemlock, yellow birch, or trees marked with green paint.

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) 1-3. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1-3, all wood must be removed by tree segment or roundwood. No chipping is permitted.

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.

No damage is acceptable to undesignated live merchantable trees and designated retention areas. 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.

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.

4.1.7 - Road closure (10/11)

Roads that are grown over and re-opened must be blocked to vehicle traffic upon completion of the sale. Some existing roads may also need to be closed, see the Timber Sale Map for locations. 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. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. The Unit Manager or his/her representative must approve the type of fill material used prior to placement. In general, suitable fill material includes cobble and/or crushed rock.

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

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.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-3, unless changed by written agreement, cutting, skidding, and hauling are limited to very dry or frozen ground conditions. This restriction is because of operationally difficult wet and sensitive soils.

5.2.3.11 - Coppice regeneration protection (4/10)

Any post harvest operations, such as skidding and chipping, must be completed within 30 days of severing all stems. This is meant to limit damage to sprouting of regeneration. 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

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave evenly scattered, linear (not round) brush piles composed of at least six (6) of the largest available tops on the ground for every 2 acres within Payment Units 1-3. These brush piles can be constructed from the tops of any available tree species. Contact the Sale Administrator for specific details of design and placement.

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will

be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

5.2.31 - Landing locations (9/13)

Landing areas are marked on the Timber Sale Map with the letter "L". Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative.

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.

5.2.39 - ORV trail/route protection (4/18)

Black Lake ATV Trail is located near the western boundary of Payment Unit 3. Also, Black Lake ORV Route is located near the southern boundary locations of Payment Unit 3. Both features are shown on the Timber Sale Map. Do not cut trees or damage posts with yellow trail or route markers. If hauling occurs on Black Lake ORV Route, maintain a 10-foot-wide slash, debris, and rut free zone daily using the trail as the centerline. Do not run harvest equipment down either trail or route.

5.2.41 - Snowmobile trail protection (9/11)

Snowmobile Trail 99, which is also Black Lake ORV Route, is located just south of Payment Unit 3 and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. Maintain a 10-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail.

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 are 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 haul 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Snowmobile Trail 99 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Black Lake ATV Trail and Black Lake ORV Route prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. 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 - 018	22

Forest Management Unit Atlanta	County Cheboygan	Mapped By C. Fate	Date 9/12/2022	Page 1	of 1
Township 37N	Range 01E	Section(s) and Subdivision(s) Sec.35: E1/2NE,N1/2SE Sec.36: NWNW,N1/2NE	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
1	4.2
2	13.2
3	14.1

Friends in Lowland Places

Compartment 174
31.5 Acres

