



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #7029

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on April 19, 2022.**

LOCATION: **ESCANABA MGMT UNIT, 6833 HWY'S 2, 41 & M-35, GLADSTONE, MI 49837.**

CONTACT NAME: Eric Thompson

PHONE NUMBER: (906) 789-8231

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

Pop Up Hardwood (33-021-22) / T35N, R25W, SEC. 11, NWNW.

T35N, R25W, SEC. 2, N1/2NW, SENW, NWNE.

T36N, R25W, SEC. 35, S1/2SE.

Menominee County, Advertised Price \$28,634.95, 105.0 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.

TIMBER SALE INFORMATION

Pop Up Hardwood (33-021-22)

T35N, R25W, SEC. 11; T35N, R25W, SEC. 2; T36N, R25W, SEC. 35.
Menominee County (Advertised Price \$28,634.95)

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

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		
Basswood	10.9 MBF	\$ 31.00 / MBF
Beech	3.8 MBF	\$ 29.00 / MBF
Green Ash	91.8 MBF	\$ 30.00 / MBF
Paper Birch	4.6 MBF	\$ 55.00 / MBF
Red Maple	74.3 MBF	\$ 76.00 / MBF
Sugar Maple	24.2 MBF	\$ 129.00 / MBF
White Ash	5.1 MBF	\$ 34.00 / MBF
Yellow Birch	24.7 MBF	\$ 24.00 / MBF
Pulpwood		
Balsam Fir	70 Cords	\$ 9.95 / Cord
Mixed Aspen	114 Cords	\$ 16.15 / Cord
Mixed Hardwood	1,074 Cords	\$ 11.55 / Cord
N. White Cedar	45 Cords	\$ 8.65 / Cord
White Spruce	33 Cords	\$ 9.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 8.21 percent. There are an estimated 1,276 cords on this timber sale, plus or minus 105 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 \$1,431.75 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	31.8%
02	22.5%
03	25.6%
04	6.0%
05	14.1%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

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.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
100,824	1,276	8.21%	1,171	1,381

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
4	32,324	409	17.60%	337	481
5	81,743	1,035	9.48%	937	1,133
7	7,645	97	15.11%	82	111
18	21,711	275	13.55%	238	312
TOTAL:	143,423	1,815		1,593	2,037

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
4	27.1	3	27.1
5	42.3	1	24.7
		2	17.6
7	11.5	4	11.5
18	24.1	5	24.1
TOTAL:	105.0		105.0

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Green Ash	Sawtimber	31.4	MBF	24.7	\$9,076.45
	Red Maple		34.9	MBF		
	Yellow Birch		14.4	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		5	Cords		
	<i>Quaking Aspen</i>		5	<i>Cords</i>		
	Mixed Hardwood		436	Cords		
	<i>Basswood</i>		4	<i>Cords</i>		
	<i>Black Ash</i>		148	<i>Cords</i>		
	<i>Green Ash</i>		86	<i>Cords</i>		
	<i>Paper Birch</i>		8	<i>Cords</i>		
	<i>Red Maple</i>		131	<i>Cords</i>		
	<i>Yellow Birch</i>		59	<i>Cords</i>		
2	Green Ash	Sawtimber	22.4	MBF	17.6	\$6,452.85
	Red Maple		24.8	MBF		
	Yellow Birch		10.3	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		3	Cords		
	<i>Quaking Aspen</i>		3	<i>Cords</i>		
	Mixed Hardwood		310	Cords		
	<i>Basswood</i>		2	<i>Cords</i>		
	<i>Black Ash</i>		106	<i>Cords</i>		
	<i>Green Ash</i>		62	<i>Cords</i>		
	<i>Paper Birch</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		93	<i>Cords</i>		
	<i>Yellow Birch</i>		42	<i>Cords</i>		
3	Beech	Sawtimber	3.8	MBF	27.1	\$7,337.45
	Green Ash		4.9	MBF		
	Paper Birch		2.1	MBF		
	Red Maple		3.6	MBF		
	Sugar Maple		19.8	MBF		
	Balsam Fir	Pulpwood	35	Cords		
	Mixed Aspen		99	Cords		
	<i>Balsam Poplar</i>		45	<i>Cords</i>		
	<i>Quaking Aspen</i>		54	<i>Cords</i>		
	Mixed Hardwood		131	Cords		
	<i>Basswood</i>		5	<i>Cords</i>		
	<i>Beech</i>		13	<i>Cords</i>		
	<i>Green Ash</i>		28	<i>Cords</i>		
	<i>Paper Birch</i>		16	<i>Cords</i>		
	<i>Red Maple</i>		6	<i>Cords</i>		
	<i>Sugar Maple</i>		60	<i>Cords</i>		
	<i>Yellow Birch</i>		3	<i>Cords</i>		
	N. White Cedar		42	Cords		
	White Spruce		33	Cords		
4	Basswood	Sawtimber	6.5	MBF	11.5	\$1,727.80
	Green Ash		5.0	MBF		
	Paper Birch		2.5	MBF		
	Red Maple		4.7	MBF		
	Sugar Maple		1.9	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		52	Cords		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Black Ash</i>		7	<i>Cords</i>		
	<i>Green Ash</i>		6	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Ironwood</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Paper Birch</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		13	<i>Cords</i>		
	<i>Sugar Maple</i>		18	<i>Cords</i>		
	N. White Cedar		3	Cords		
5	Basswood	Sawtimber	4.4	MBF	24.1	\$4,040.40
	Green Ash		28.1	MBF		
	Red Maple		6.3	MBF		
	Sugar Maple		2.5	MBF		
	White Ash		5.1	MBF		
	Balsam Fir		30	Cords		
	Mixed Aspen		7	Cords		
	<i>Balsam Poplar</i>		7	<i>Cords</i>		
	Mixed Hardwood		145	Cords		
	<i>Basswood</i>		7	<i>Cords</i>		
	<i>Black Ash</i>		2	<i>Cords</i>		
	<i>Green Ash</i>		38	<i>Cords</i>		
	<i>Red Maple</i>		34	<i>Cords</i>		
	<i>Sugar Maple</i>		54	<i>Cords</i>		
	<i>White Ash</i>		8	<i>Cords</i>		
	<i>Yellow Birch</i>		2	<i>Cords</i>		
	TOTAL:			239.4		
TOTAL:			1,336	Cords		

Sale Specific Conditions & Requirements

Sale Name: Pop Up Hardwood

Sale Number: 33-021-22 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 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. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid for.

2 - Timber Specifications

2.1 - Included Timber

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1 and 2, cut all trees which meet minimum piece specifications in 2.2 Utilization; except do not cut hemlock and cedar. In addition, do not cut trees marked with green paint.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 3-5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

In addition, within Payment Unit 3, cut all merchantable aspen, balm, balsam fir, and spruce.

2.1.9 - Harvest exception (12/08)

Do not cut any cedar trees within Payment Units 1 and 2 other than those that are necessary to remove in order to operate within the sale area. Every effort must be made to preserve the existing cedar and to leave an intact stand upon sale completion. All cut cedar shall be piled separately by products and scaled in the woods unless other scaling arrangements are agreed to by the Unit Manager or his/her representative. Stumpage price for cedar shall be \$45.00 per cord.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Units 3-5.

2.2.7 - Uncut designated trees (2/04)

Liquidated damages of \$5.00 per tree will be assessed for every marked tree not cut.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) \$18,000 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.

4 - Transportation

4.1 - Construction

4.1.8 - Road work (1) (8/07)

The following road work is required: the Purchaser must haul and spread a minimum of 120 cubic yards of gravel on the access road running through Payment Unit 5. The exact locations will be identified during the pre-sale meeting. This roadwork must be completed prior to any hauling from Payment Unit 5. Gravel is available from a state pit located at the east end of the South Fox Road.

4.2 - Maintenance

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during spring break up or during other wet weather conditions.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. To access Payment Units 1-4, the best access is through private property either from the north or southwest. Otherwise, the Purchaser must extend the existing road that runs through Payment Unit 5 and heads north. This option will require more roadwork, which could include hauling more gravel and possibly installing culverts. Contact Dan 906-399-0879 or Dustin 906-399-1828 for the landowner information.

5 - Operations

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1 and 2, cutting and skidding are limited to the period of December 1 to March 31, unless there is an extended dry or frozen period, and the sale administrator allows harvesting during that time period. There is a portion of each Payment Unit that could be harvested during a dry summer. This restriction is because of some low wet ground within each Payment Unit.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 3-5, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from the spruce budworm. The emerald ash borer is also in the vicinity of this sale. 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.

**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Forest Management Unit		County	Mapped By	Date	Page	of
Escanaba Management Unit		Menominee County	Beaudo	11/18/2021	1	1
Township	Range	Section(s) and Subdivision(s)		Scale		
35N	25W	35N: Sec 2 - N1/2NW, SENW, NWNE; Sec 11 - NWNW.		1:15,840		
36N		36N: Sec 35 - S1/2SE.				

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

