



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7541**

SCHEDULED SALE DATE AND TIME: **12:00 p.m. (local time) on February 12, 2025.**

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

CONTACT NAME: Daniel Racine

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:

Spiked Steel Dam (33-029-24) / T36N, R25W, SEC. 17, SWSE.

T36N, R25W, SEC. 20, NE, NESW, N1/2SE, SESE.

T36N, R25W, SEC. 21, W1/2NW, NWSW, S1/2SW.

T36N, R25W, SEC. 28, NWNW.

Menominee County, Advertised Price \$41,197.65, 137.2 Acres, Hardwood, Spruce/Fir/Tamarack.

TIMBER SALE INFORMATION

Spiked Steel Dam (33-029-24)

T36N, R25W, SEC. 17; T36N, R25W, SEC. 20; T36N, R25W, SEC. 21; T36N, R25W, SEC. 28.

Menominee County (Advertised Price \$41,197.65)

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	1.2 MBF	\$ 69.00 / MBF
Paper Birch	1.9 MBF	\$ 99.00 / MBF
Red Maple	72.1 MBF	\$ 114.00 / MBF
Sugar Maple	5.4 MBF	\$ 200.00 / MBF
Pulpwood		
Balsam Fir	195 Cords	\$ 7.65 / Cord
Misc. Species 1	396 Cords	\$ 7.50 / Cord
Mixed Aspen	102 Cords	\$ 26.05 / Cord
Mixed Hardwood	654 Cords	\$ 16.20 / Cord
Mixed Spruce	137 Cords	\$ 12.60 / Cord
N. White Cedar	31 Cords	\$ 5.60 / Cord
Red Pine	140 Cords	\$ 68.95 / Cord
Tamarack	64 Cords	\$ 10.30 / Cord
White Pine	119 Cords	\$ 14.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 10.38 percent. There are an estimated 2,026 cords on this timber sale, plus or minus 210 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 \$2,059.88 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	7.9%
02	10.5%
03	10.0%
04	7.0%
05	1.4%
06	5.6%
07	24.6%
08	15.3%
09	14.5%
10	3.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

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
160,020	2,026	10.38%	1,815	2,236

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
18	3,329	42	83.59%	7	77
24	10,195	129	49.56%	65	193
25	18,460	234	25.24%	175	293
28	11,373	144	38.76%	88	200
33	56,876	720	20.24%	574	866
36	38,414	486	17.77%	400	573
37	7,936	100	41.29%	59	142
39	13,436	170	36.38%	108	232
TOTAL:	160,020	2,026		1,476	2,575

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
18	3.6	5	3.6
24	9.2	6	9.2
25	17.5	7	17.5
28	13.0	1	13.0
33	49.4	2	25.2
33	49.4	3	24.2
36	23.1	8	11.8
36	23.1	9	11.3
37	7.4	10	7.4
39	14.0	4	14.0
TOTAL:	209.7		137.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	1.2	MBF	13.0	\$3,251.35
	Red Maple		8.4	MBF		
	Sugar Maple		1.6	MBF		
	Balsam Fir	Pulpwood	11	Cords		
	Mixed Aspen		8	Cords		
	<i>Quaking Aspen</i>		8	<i>Cords</i>		
	Mixed Hardwood		94	Cords		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Beech</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		41	<i>Cords</i>		
	<i>Sugar Maple</i>		35	<i>Cords</i>		
	<i>White Ash</i>		9	<i>Cords</i>		
	Mixed Spruce		6	Cords		
	<i>White Spruce</i>		6	<i>Cords</i>		
2	Paper Birch	Sawtimber	0.6	MBF	25.2	\$4,334.60
	Red Maple		4.0	MBF		
	Balsam Fir	Pulpwood	35	Cords		
	Misc. Species 1		191	Cords		
	<i>Black Ash</i>		168	<i>Cords</i>		
	<i>Green Ash</i>		23	<i>Cords</i>		
	Mixed Aspen		7	Cords		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		107	Cords		
	<i>American Elm</i>		4	<i>Cords</i>		
	<i>Balsam Poplar</i>		49	<i>Cords</i>		
	<i>Paper Birch</i>		9	<i>Cords</i>		
	<i>Red Maple</i>		36	<i>Cords</i>		
	<i>Yellow Birch</i>		9	<i>Cords</i>		
	Mixed Spruce		6	Cords		
	<i>Black Spruce</i>		4	<i>Cords</i>		
	<i>White Spruce</i>		2	<i>Cords</i>		
	Tamarack		11	Cords		
	White Pine		1	Cords		
3	Paper Birch	Sawtimber	0.5	MBF	24.2	\$4,115.75
	Red Maple		3.8	MBF		
	Balsam Fir	Pulpwood	34	Cords		
	Misc. Species 1		184	Cords		
	<i>Black Ash</i>		161	<i>Cords</i>		
	<i>Green Ash</i>		23	<i>Cords</i>		
	Mixed Aspen		7	Cords		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		100	Cords		
	<i>American Elm</i>		3	<i>Cords</i>		
	<i>Balsam Poplar</i>		47	<i>Cords</i>		
	<i>Paper Birch</i>		8	<i>Cords</i>		
	<i>Red Maple</i>		34	<i>Cords</i>		
	<i>Yellow Birch</i>		8	<i>Cords</i>		
	Mixed Spruce		5	Cords		
	<i>Black Spruce</i>		3	<i>Cords</i>		
	<i>White Spruce</i>		2	<i>Cords</i>		
	Tamarack		11	Cords		
	White Pine		1	Cords		
4	Balsam Fir	Pulpwood	61	Cords	14.0	\$2,874.50
	Mixed Aspen		46	Cords		
	<i>B. T. Aspen</i>		39	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Quaking Aspen</i>	<i>Pulpwood</i>	7	<i>Cords</i>		
	Mixed Hardwood		7	Cords		
	<i>Red Maple</i>		7	<i>Cords</i>		
	Mixed Spruce		21	Cords		
	<i>Black Spruce</i>		2	<i>Cords</i>		
	<i>White Spruce</i>		19	<i>Cords</i>		
	N. White Cedar		5	Cords		
	Red Pine		7	Cords		
	Tamarack		2	Cords		
	White Pine		21	Cords		
5	Mixed Spruce	Pulpwood	13	Cords	3.6	\$587.80
	<i>Black Spruce</i>		13	<i>Cords</i>		
	Red Pine		2	Cords		
	Tamarack		25	Cords		
	White Pine		2	Cords		
6	Balsam Fir	Pulpwood	1	Cords	9.2	\$2,315.30
	Mixed Hardwood		12	Cords		
	<i>Red Maple</i>		12	<i>Cords</i>		
	Mixed Spruce		51	Cords		
	<i>Black Spruce</i>		51	<i>Cords</i>		
	Red Pine		11	Cords		
	Tamarack		15	Cords		
	White Pine		39	Cords		
7	Balsam Fir	Pulpwood	5	Cords	17.5	\$10,162.80
	Mixed Aspen		33	Cords		
	<i>B. T. Aspen</i>		26	<i>Cords</i>		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		16	Cords		
	<i>Paper Birch</i>		8	<i>Cords</i>		
	<i>Red Maple</i>		8	<i>Cords</i>		
	Mixed Spruce		10	Cords		
	<i>Black Spruce</i>		10	<i>Cords</i>		
	Red Pine		118	Cords		
White Pine	52	Cords				
8	Paper Birch	Sawtimber	0.4	MBF	11.8	\$6,283.90
	Red Maple		28.1	MBF		
	Sugar Maple		1.9	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Misc. Species 1		10	Cords		
	<i>Black Ash</i>		7	<i>Cords</i>		
	<i>Green Ash</i>		3	<i>Cords</i>		
	Mixed Aspen		1	Cords		
	<i>B. T. Aspen</i>		1	<i>Cords</i>		
	Mixed Hardwood		151	Cords		
	<i>Beech</i>		2	<i>Cords</i>		
	<i>Paper Birch</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		121	<i>Cords</i>		
	<i>Sugar Maple</i>		22	<i>Cords</i>		
	<i>Yellow Birch</i>		4	<i>Cords</i>		
	N. White Cedar		8	Cords		
	9		Paper Birch	Sawtimber		
Red Maple		27.0	MBF			
Sugar Maple		1.9	MBF			
Balsam Fir		Pulpwood	8	Cords		
Misc. Species 1			9	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
9 con't	<i>Black Ash</i>	<i>Pulpwood</i>	6	<i>Cords</i>		
	<i>Green Ash</i>		3	<i>Cords</i>		
	Mixed Hardwood		142	<i>Cords</i>		
	<i>Beech</i>		1	<i>Cords</i>		
	<i>Paper Birch</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		115	<i>Cords</i>		
	<i>Sugar Maple</i>		21	<i>Cords</i>		
	<i>Yellow Birch</i>		3	<i>Cords</i>		
	N. White Cedar		8	<i>Cords</i>		
10	Red Maple	Sawtimber	0.8	MBF	7.4	\$1,300.15
	Balsam Fir	Pulpwood	31	<i>Cords</i>		
	Misc. Species 1		2	<i>Cords</i>		
	<i>Black Ash</i>		2	<i>Cords</i>		
	Mixed Hardwood		25	<i>Cords</i>		
	<i>Balsam Poplar</i>		2	<i>Cords</i>		
	<i>Beech</i>		2	<i>Cords</i>		
	<i>Paper Birch</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		18	<i>Cords</i>		
	<i>Yellow Birch</i>		2	<i>Cords</i>		
	Mixed Spruce		25	<i>Cords</i>		
	<i>White Spruce</i>		25	<i>Cords</i>		
	N. White Cedar		10	<i>Cords</i>		
	Red Pine		2	<i>Cords</i>		
	White Pine		3	<i>Cords</i>		
TOTAL:			80.6	MBF		
TOTAL:			1,838	<i>Cords</i>		

Sale Specific Conditions & Requirements

Sale Name: Spiked Steel Dam

Sale Number: 33-029-24 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 and yellow 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

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 2-6 and 8-10, cut all trees that are three (3) inches or more at DBH, , with the following exceptions:

Within Payment Units 2 and 3, do not cut cedar or trees marked with green paint.

Within Payment Unit 4, do not cut pine that is 15 inches or more at DBH.

Within Payment Units 8 and 9, do not cut hemlock or trees marked with green paint. In addition, do not cut white pine that are five (5) inches or less at DBH.

Within Payment Unit 10, do not cut hemlock or trees marked with green paint.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1 and 7, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

In addition, within Payment Unit 1, all aspen, balsam, spruce, fir, and ironwood that are four (4) inches or more at DBH, are designated for cutting.

Further, within Payment Unit 7, all aspen, spruce, and fir that are four (4) inches or more at DBH, are designated for cutting.

2.1.9 - Harvest Exception (12/08)

Do not cut any cedar trees with Payment Units 2 and 3 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 \$35.00 per cord.

2.1.11 - Description of Timber Note (2/04)

Note that Miscellaneous Species 1 is a mix of green and black ash. The green and black ash is in various states of decline due to the Emerald Ash Borer.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Unit 1 and 7, unless approved by the Unit Manager or his/her representative.

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

4.2 - 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 breakup 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.

5 - Operations

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.1 - Operating Restrictions (9/11)

Within Payment Unit(s) 2-3 and 5-6, 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 period of time. This restriction is because of low wet ground throughout these Payment Units.

5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1 and 7, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.22 - Operating Caution

5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 4 and 10, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of some lower wetter pockets within each Payment Unit.

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 Westman Dam Road and Schuster 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

7.5 - Loss

7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from the emerald ash borer. 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. The green and black ash is in various states of decline, with some mortality already present.



TIMBER SALE MAP

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

Sale Number 33-029-24	Date 09/27/2024	
Scale 1:15,840	Page 1	Of 1

Forest Management Unit Escanaba Mgt Unit	County Menominee	Mapped By: Beado
		Cruised By: Salter, Beado

Township 36N	Range 25W	Section(s) and Subdivision(s) Sec. 17 SWSE; Sec. 20 NE,NESW,N1/2SE,SESE; Sec. 21 W1/2NW,NWSW,S1/2SW; Sec. 28 NWNW;
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Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous		Z = Water
H = Hemlock	N = Marsh		

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

