



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7538**

SCHEDULED SALE DATE AND TIME: **12:00 p.m. (local time) on December 18, 2024.**

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:

Dick Bergman (33-034-24) / T41N, R25W, SEC. 18, NENW,S1/2NW,W1/2NE,N1/2SW.

T41N, R25W, SEC. 7 , SESE.

T41N, R26W, SEC. 13, SENE,NESE.

Menominee County, Advertised Price \$31,204.35, 111.2 Acres, Hardwood, N White Cedar.

TIMBER SALE INFORMATION

Dick Bergman (33-034-24)

T41N, R25W, SEC. 18; T41N, R25W, SEC. 7; T41N, R26W, SEC. 13.
Menominee County (Advertised Price \$31,204.35)

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		
Sugar Maple	48.6 MBF	\$ 175.00 / MBF
Pulpwood		
Balsam Fir	50 Cords	\$ 7.75 / Cord
Mixed Hardwood	864 Cords	\$ 14.95 / Cord
N. White Cedar	400 Cords	\$ 5.65 / Cord
Quaking Aspen	221 Cords	\$ 25.80 / Cord
White Spruce	91 Cords	\$ 15.75 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 17.99 percent. There are an estimated 1,744 cords on this timber sale, plus or minus 314 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 \$2,496.35 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	33.5%
02	23.4%
03	26.4%
04	6.6%
05	2.4%
06	7.7%
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
137,803	1,744	17.99%	1,430	2,058

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
2	9,752	123	96.04%	5	242
3	12,579	159	48.74%	82	237
7	27,889	353	26.94%	258	448
8	34,469	436	47.07%	231	642
11	53,115	672	27.67%	486	858
TOTAL:	137,803	1,744		1,062	2,427

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
2	5.9	6	5.9
3	17.2	4	12.8
		5	4.4
7	33.0	1	33.0
8	27.2	2	27.2
11	27.9	3	27.9
TOTAL:	111.2		111.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Sugar Maple	Sawtimber	37.5	MBF	33.0	\$10,487.70
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		261	Cords		
	<i>Basswood</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Red Maple</i>		1.3	<i>MBF</i>		
	<i>Basswood</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	<i>Black Cherry</i>		3	<i>Cords</i>		
	<i>Ironwood</i>		17	<i>Cords</i>		
	<i>Red Maple</i>		6	<i>Cords</i>		
	<i>Sugar Maple</i>		227	<i>Cords</i>		
	2	Sugar Maple	Sawtimber	7.5		
Balsam Fir		Pulpwood	7	Cords		
Mixed Hardwood			314	Cords		
<i>Paper Birch</i>		<i>Sawtimber</i>	2.3	<i>MBF</i>		
<i>Red Maple</i>			6.0	<i>MBF</i>		
<i>Balsam Poplar</i>		<i>Pulpwood</i>	79	<i>Cords</i>		
<i>Beech</i>			8	<i>Cords</i>		
<i>Black Cherry</i>			26	<i>Cords</i>		
<i>Ironwood</i>			10	<i>Cords</i>		
<i>Paper Birch</i>			2	<i>Cords</i>		
<i>Red Maple</i>			57	<i>Cords</i>		
<i>Sugar Maple</i>			110	<i>Cords</i>		
<i>Yellow Birch</i>			5	<i>Cords</i>		
N. White Cedar			58	Cords		
Quaking Aspen			33	Cords		
White Spruce			4	Cords		
3	Balsam Fir	Pulpwood	11	Cords	27.9	\$8,228.65
	Mixed Hardwood		137	Cords		
	<i>Balsam Poplar</i>		45	<i>Cords</i>		
	<i>Paper Birch</i>		37	<i>Cords</i>		
	<i>Red Maple</i>		47	<i>Cords</i>		
	<i>Sugar Maple</i>		8	<i>Cords</i>		
	N. White Cedar		342	Cords		
	Quaking Aspen		129	Cords		
	White Spruce		53	Cords		
4	Sugar Maple	Sawtimber	2.7	MBF	12.8	\$2,047.80
	Balsam Fir	Pulpwood	22	Cords		
	Mixed Hardwood		59	Cords		
	<i>Black Ash</i>		8	<i>Cords</i>		
	<i>Paper Birch</i>		31	<i>Cords</i>		
	<i>Sugar Maple</i>		10	<i>Cords</i>		
	<i>White Ash</i>		10	<i>Cords</i>		
	Quaking Aspen		5	Cords		
	White Spruce		25	Cords		
5	Sugar Maple	Sawtimber	0.9	MBF	4.4	\$734.00
	Balsam Fir	Pulpwood	7	Cords		
	Mixed Hardwood		22	Cords		
	<i>Black Ash</i>		3	<i>Cords</i>		
	<i>Paper Birch</i>		11	<i>Cords</i>		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
	<i>White Ash</i>		4	<i>Cords</i>		
	Quaking Aspen		2	Cords		
	White Spruce		9	Cords		
6	Mixed Hardwood	Pulpwood	71	Cords	5.9	\$2,403.05
	<i>Balsam Poplar</i>		49	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	<i>Yellow Birch</i>	<i>Pulpwood</i>	22	<i>Cords</i>		
	Quaking Aspen		52	Cords		
TOTAL:			48.6	MBF		
TOTAL:			1,626	Cords		

Sale Specific Conditions & Requirements

Sale Name: Dick Bergman

Sale Number: 33-034-24 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 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. 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) 2-6, cut all trees that are three (3) inches or more at DBH, except do not cut hemlock.

In addition:

Within Payment Unit 2, do not cut any pine.

Within Payment Unit 3, do not cut any pine, maple marked in green paint, or cedar marked in green paint.

Within Payment Units 4 and 5, do not cut any cedar or pine.

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

Within Payment Unit(s) 1, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, all ash, aspen, balm of gilead, balsam fir, ironwood and spruce that are three (3) inches or more at DBH are designated for cutting.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) that are more than \$18,000 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

4.1.6 - Road construction (4/24)

Construction of new roads or 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)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

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.

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.

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) 3 - 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 shallow and wet soils.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 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.

5.2.32 - 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.

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 Bergman 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 Emerald Ash Borer and Spruce Budworm. 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.

Sale Number	Date	
33-034-24	10/01/2024	
Scale	Page	Of
1:15,840	1	1

Forest Management Unit	County	Mapped By: Dan Beaudou
Escanaba Mgt Unit	Menominee	Cruised By: Dickinson Co. DNR

Township	Range	Section(s) and Subdivision(s)
41N	25W / 26W	Sec. 13 SENE, NESE; Sec. 18 NENW, S1/2NW, W1/2NE, N1/2SW; Sec. 7 SESE;

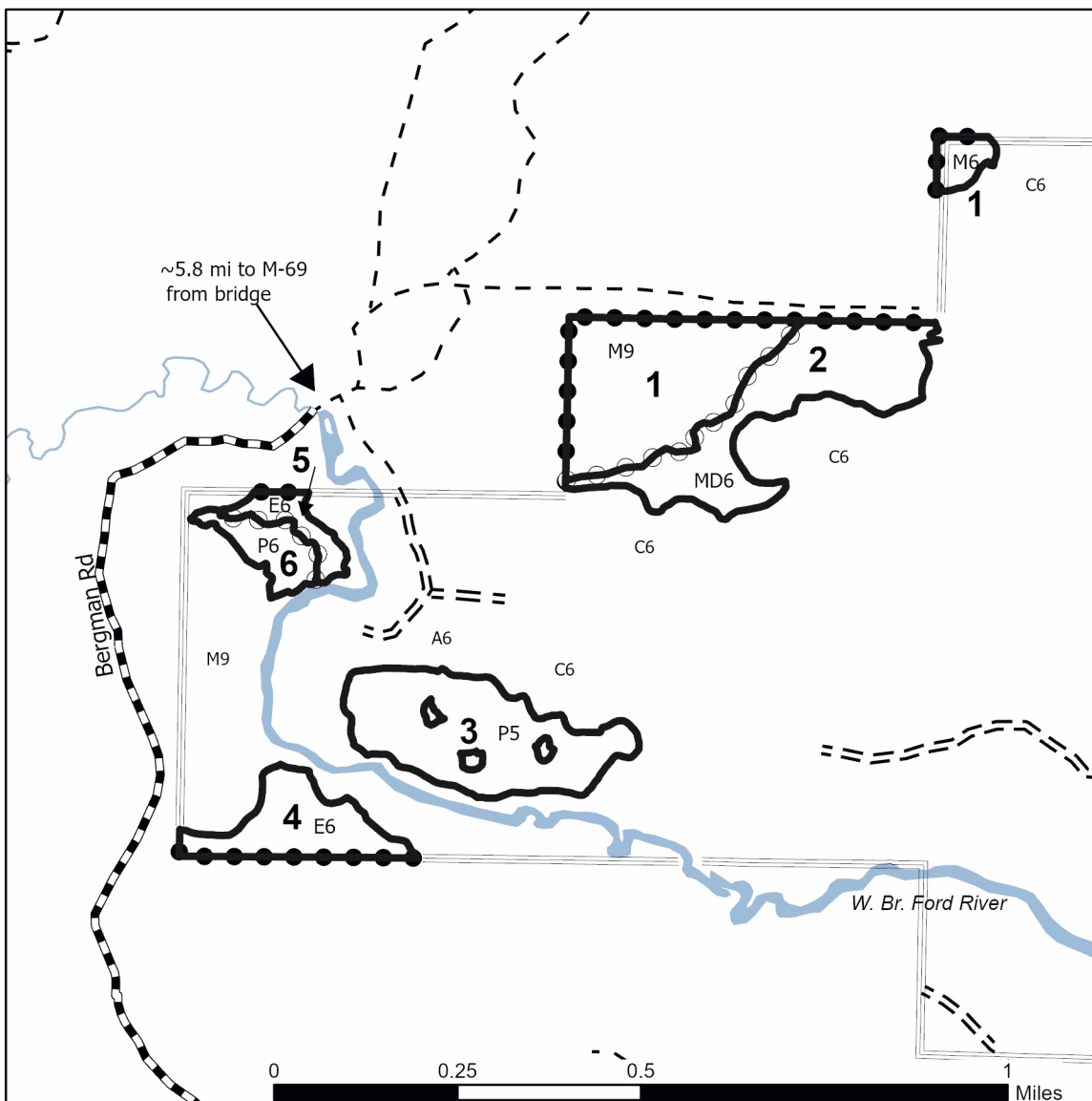
Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, 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

PU #	Acres	PU #	Acres
1	33	4	12.8
2	27.2	5	4.4
3	27.9	6	5.9

Dick Bergman

111.2 Acres



Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Private
- Forest Access Route
- Government Gravel/Dirt
- Private Gravel/Dirt