



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7540**

SCHEDULED SALE DATE AND TIME: **12:00 p.m. (local time) on January 22, 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:

Whitefish Grade Mix (33-004-24) / T43N, R22W, SEC. 1 , NW,E1/2SW,W1/2SE.

T43N, R22W, SEC. 13, NWNW.

T43N, R22W, SEC. 14, N1/2NW,NWNE.

Delta County, Advertised Price \$53,601.65, 142.1 Acres, Aspen, Hardwood.

SALE NOTE: Access may be through private land.

TIMBER SALE INFORMATION

Whitefish Grade Mix (33-004-24)

T43N, R22W, SEC. 1; T43N, R22W, SEC. 13; T43N, R22W, SEC. 14.

Delta County (Advertised Price \$53,601.65)

SALE NOTE: Access may be through private land.

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		
Paper Birch	1.8 MBF	\$ 99.00 / MBF
Red Maple	33.6 MBF	\$ 119.00 / MBF
Sugar Maple	10.6 MBF	\$ 192.00 / MBF
Yellow Birch	7.3 MBF	\$ 20.00 / MBF
Pulpwood		
Balsam Fir	595 Cords	\$ 7.00 / Cord
Balsam Poplar	177 Cords	\$ 25.15 / Cord
Misc. Species 2	189 Cords	\$ 1.00 / Cord
Mixed Aspen	813 Cords	\$ 25.15 / Cord
Mixed Hardwood	1,102 Cords	\$ 15.40 / Cord
Mixed Spruce	31 Cords	\$ 12.35 / Cord
N. White Cedar	101 Cords	\$ 5.60 / Cord
Tamarack	7 Cords	\$ 10.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.10 percent. There are an estimated 3,141 cords on this timber sale, plus or minus 412 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 \$4,288.13 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	1.8%
02	6.0%
03	5.3%
04	20.8%
05	6.1%
06	4.0%
07	15.3%
08	9.6%
09	31.1%

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

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
248,140	3,141	13.10%	2,729	3,553

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
11	14,770	187	48.56%	96	278
13	4,748	60	58.14%	25	95
18	10,405	132	62.53%	49	214
23	22,191	281	33.79%	186	376
25	44,524	564	36.22%	359	768
40	34,796	440	38.52%	271	610
42	39,245	497	32.59%	335	659
48	63,624	805	29.02%	572	1,039
53	13,837	175	35.33%	113	237
TOTAL:	248,140	3,141		2,007	4,275

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
11	8.1	2	8.1
13	10.5	1	10.5
18	5.6	3	5.6
23	9.6	5	9.6
25	13.6	4	13.6
40	32.6	7	32.6
42	19.0	8	19.0
48	21.8	9	21.8
53	21.3	6	21.3
TOTAL:	142.1		142.1

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	0.8	MBF	10.5	\$970.60
	Sugar Maple		0.6	MBF		
	Balsam Fir	Pulpwood	14	Cords		
	Mixed Hardwood		43	Cords		
	<i>Black Ash</i>		3	Cords		
	<i>Red Maple</i>		12	Cords		
	<i>Sugar Maple</i>		28	Cords		
2	Sugar Maple	Sawtimber	4.8	MBF	8.1	\$3,213.05
	Balsam Fir	Pulpwood	70	Cords		
	Balsam Poplar		12	Cords		
	Mixed Aspen		9	Cords		
	<i>B. T. Aspen</i>		9	Cords		
	Mixed Hardwood		78	Cords		
	<i>Red Maple</i>		48	Cords		
	<i>Sugar Maple</i>		26	Cords		
	<i>Yellow Birch</i>		4	Cords		
	Tamarack		7	Cords		
3	Red Maple	Sawtimber	10.2	MBF	5.6	\$2,859.35
	Sugar Maple		1.2	MBF		
	Balsam Fir	Pulpwood	28	Cords		
	Balsam Poplar		5	Cords		
	Mixed Hardwood		71	Cords		
	<i>Black Ash</i>		19	Cords		
	<i>Red Maple</i>		32	Cords		
	<i>Sugar Maple</i>		20	Cords		
4	Red Maple	Sawtimber	2.9	MBF	13.6	\$11,124.45
	Balsam Fir	Pulpwood	106	Cords		
	Balsam Poplar		60	Cords		
	Mixed Aspen		259	Cords		
	<i>B. T. Aspen</i>		9	Cords		
	<i>Quaking Aspen</i>		250	Cords		
	Mixed Hardwood		126	Cords		
	<i>Black Ash</i>		11	Cords		
	<i>Paper Birch</i>		11	Cords		
	<i>Red Maple</i>		99	Cords		
	<i>Yellow Birch</i>		5	Cords		
	Mixed Spruce		6	Cords		
	<i>White Spruce</i>		6	Cords		
5	Yellow Birch	Sawtimber	1.0	MBF	9.6	\$3,244.00
	Balsam Fir	Pulpwood	95	Cords		
	Balsam Poplar		5	Cords		
	Mixed Hardwood		139	Cords		
	<i>Paper Birch</i>		12	Cords		
	<i>Red Maple</i>		110	Cords		
	<i>Yellow Birch</i>		17	Cords		
	Mixed Spruce		11	Cords		
	<i>White Spruce</i>		11	Cords		
	N. White Cedar		28	Cords		
6	Balsam Fir	Pulpwood	77	Cords	21.3	\$2,156.05
	Balsam Poplar		16	Cords		
	Misc. Species 2		17	Cords		
	Mixed Aspen		23	Cords		
	<i>Quaking Aspen</i>		23	Cords		
	Mixed Hardwood		37	Cords		
	<i>Paper Birch</i>		18	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	<i>Red Maple</i>	<i>Pulpwood</i>	19	<i>Cords</i>		
	Mixed Spruce		4	Cords		
	<i>White Spruce</i>		4	<i>Cords</i>		
7	Red Maple	Sawtimber	6.7	MBF	32.6	\$8,196.50
	Sugar Maple		4.0	MBF		
	Balsam Fir	<i>Pulpwood</i>	46	Cords		
	Mixed Aspen		63	Cords		
	<i>Quaking Aspen</i>		63	<i>Cords</i>		
	Mixed Hardwood		306	Cords		
	<i>Ironwood</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		178	<i>Cords</i>		
	<i>Sugar Maple</i>		125	<i>Cords</i>		
	Mixed Spruce		1	Cords		
	<i>White Spruce</i>		1	<i>Cords</i>		
8	Paper Birch	Sawtimber	1.8	MBF	19.0	\$5,171.15
	Red Maple		7.8	MBF		
	Yellow Birch	<i>Pulpwood</i>	4.9	MBF		
	Balsam Fir		31	Cords		
	Misc. Species 2		159	Cords		
	Mixed Aspen		8	Cords		
	<i>B. T. Aspen</i>		8	<i>Cords</i>		
	Mixed Hardwood		191	Cords		
	<i>Paper Birch</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		112	<i>Cords</i>		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
	<i>Yellow Birch</i>		73	<i>Cords</i>		
	Mixed Spruce		5	Cords		
	<i>White Spruce</i>		5	<i>Cords</i>		
	N. White Cedar		69	Cords		
9	Red Maple	Sawtimber	5.2	MBF	21.8	\$16,666.50
	Yellow Birch		1.4	MBF		
	Balsam Fir	<i>Pulpwood</i>	128	Cords		
	Balsam Poplar		79	Cords		
	Misc. Species 2		13	Cords		
	Mixed Aspen		451	Cords		
	<i>B. T. Aspen</i>		69	<i>Cords</i>		
	<i>Quaking Aspen</i>		382	<i>Cords</i>		
	Mixed Hardwood		111	Cords		
	<i>Red Maple</i>		80	<i>Cords</i>		
	<i>Sugar Maple</i>		12	<i>Cords</i>		
	<i>Yellow Birch</i>		19	<i>Cords</i>		
	Mixed Spruce		4	Cords		
	<i>Black Spruce</i>		4	<i>Cords</i>		
	N. White Cedar		4	Cords		
TOTAL:			53.3	MBF		
TOTAL:			3,015	Cords		

Sale Specific Conditions & Requirements

Sale Name: Whitefish Grade Mix

Sale Number: 33-004-24 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. 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.

2 - Timber Specifications

2.1 - Included Timber

2.1.2 - Clearcut Unit(s) w/o Unmerchantable Trees (8/11)

Within Payment Unit(s) #2-6, 8 & 9, cut all trees which meet minimum piece specifications in 2.2 Utilization except hemlock.

In addition:

Unit 2: Leave cedar, hemlock & green marked yellow birch.

Unit 3: Leave hemlock and green marked yellow birch.

Unit 4: Leave all cedar & cherry.

Unit 5: Leave hemlock and green marked white pine.

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

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

2.1.11 - Description of Timber Note (2/04)

Note that Misc Species 1 = dead or dying ash.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible in Units 1 & 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) over \$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. These roads must be rendered impassable to cars and trucks. 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 or prolonged 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 bull dozer 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

5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 6 and 8, unless changed by written agreement, cutting, skidding, and hauling are limited to dry summer or frozen conditions. This restriction is because of wet low areas and rutting.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) #1 & 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.

5.2.32 - 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 all haul routes 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 EAB. 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
33-004-24

Date
09/24/2024

Forest Management Unit	County	Mapped By: George Wilson
Escanaba Mgt Unit	Delta	Cruised By: George Wilson

Scale	Page	Of
1:24,000	1	1

Township	Range	Section(s) and Subdivision(s)
43N	22W	Sec. 1 NW,E1/2SW,W1/2SE; Sec. 13 NWNW; Sec. 14 N1/2NW,NWNE;

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

Whitefish Grade Mix

142.1 Acres

PU #	Acres	PU #	Acres
1	10.5	6	21.3
2	8.1	7	32.6
3	5.6	8	19
4	13.6	9	21.8
5	9.6		



Legend

- Sale Boundary (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Exclusion
- Primary Forest Road
- Forest Access Route
- Administrative Access Only
- Paved Road
- Private Gravel/Dirt
- Section Corner

