



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7866**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on July 1, 2026.**

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

CONTACT NAME: Dan 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, CRYSTAL FALLS MANAGEMENT UNIT, for certain timber on the following described lands:

Low Tech Mix 2 (12-001-26) / T44N, R29W, SEC. 19, SENW,W1/2NE,SESW,N1/2SE,SWSE.

T44N, R29W, SEC. 20, N1/2SW,SESW,SE.

T44N, R29W, SEC. 21, W1/2SW.

T44N, R29W, SEC. 30, NENW.

Dickinson County, Advertised Price \$52,651.10, 169.5 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: It is recommended but not required that Unit 5 is cut during frozen or dry summer conditions due to the lowland soils. Access to Unit 8 will require a temporary stream crossing.

# TIMBER SALE INFORMATION

## Low Tech Mix 2 (12-001-26)

T44N, R29W, SEC. 19; T44N, R29W, SEC. 20; T44N, R29W, SEC. 21; T44N, R29W, SEC. 30.

Dickinson County (Advertised Price \$52,651.10)

SALE NOTE: It is recommended but not required that Unit 5 is cut during frozen or dry summer conditions due to the lowland soils. Access to Unit 8 will require a temporary stream crossing.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Paper Birch	28.1 MBF	\$ 78.00 / MBF
Red Pine	94.4 MBF	\$ 90.00 / MBF
Pulpwood		
Balsam Fir	62 Cords	\$ 4.00 / Cord
Jack Pine	19 Cords	\$ 21.10 / Cord
Mixed Aspen	1,501 Cords	\$ 14.20 / Cord
Mixed Hardwood	295 Cords	\$ 8.60 / Cord
Mixed Spruce	856 Cords	\$ 5.80 / Cord
Red Pine	227 Cords	\$ 52.70 / Cord
Tamarack	90 Cords	\$ 5.95 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 13.22 percent. There are an estimated 3,338 cords on this timber sale, plus or minus 441 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 \$2,632.56 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	7.6%
02	18.3%
03	16.0%
04	11.4%
05	6.8%
06	13.6%
07	15.9%
08	10.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2030.

### **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
263,712	3,338	13.22%	2,897	3,780

**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	24,362	308	52.07%	148	469
27	42,832	542	30.44%	377	707
31	58,406	739	30.87%	511	968
40	13,719	174	30.71%	120	227
45	13,874	176	28.32%	126	225
50	11,956	151	60.81%	59	243
56	98,562	1,248	23.86%	950	1,545
<b>TOTAL:</b>	<b>263,712</b>	<b>3,338</b>		<b>2,292</b>	<b>4,385</b>

**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
<b>TOTAL:</b>			

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	10	Cords	15.3	\$3,990.60
	Jack Pine		10	Cords		
	Mixed Aspen		237	Cords		
	<i>Quaking Aspen</i>		237	<i>Cords</i>		
	Mixed Hardwood		28	Cords		
	<i>Balsam Poplar</i>		24	<i>Cords</i>		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	Mixed Spruce		23	Cords		
	<i>Black Spruce</i>		16	<i>Cords</i>		
	<i>White Spruce</i>		7	<i>Cords</i>		
	2		Paper Birch	Sawtimber		
Balsam Fir		Pulpwood	20	Cords		
Mixed Aspen			548	Cords		
<i>B. T. Aspen</i>			28	<i>Cords</i>		
<i>Quaking Aspen</i>			520	<i>Cords</i>		
Mixed Hardwood			110	Cords		
<i>Red Maple</i>			7.8	<i>MBF</i>		
<i>Black Cherry</i>			6	<i>Cords</i>		
<i>Paper Birch</i>			28	<i>Cords</i>		
<i>Red Maple</i>			60	<i>Cords</i>		
Mixed Spruce			43	Cords		
<i>Black Spruce</i>			43	<i>Cords</i>		
3			Paper Birch	Sawtimber	11.2	MBF
	Balsam Fir	Pulpwood	13	Cords		
	Mixed Aspen		389	Cords		
	<i>Quaking Aspen</i>		389	<i>Cords</i>		
	Mixed Hardwood		86	Cords		
	<i>Red Maple</i>		0.8	<i>MBF</i>		
	<i>Balsam Poplar</i>		13	<i>Cords</i>		
	<i>Paper Birch</i>		48	<i>Cords</i>		
	<i>Red Maple</i>		23	<i>Cords</i>		
	Mixed Spruce		214	Cords		
	<i>Black Spruce</i>		173	<i>Cords</i>		
	<i>White Spruce</i>		41	<i>Cords</i>		
	4		Paper Birch	Sawtimber	7.9	MBF
Balsam Fir		Pulpwood	10	Cords		
Mixed Aspen			277	Cords		
<i>Quaking Aspen</i>			277	<i>Cords</i>		
Mixed Hardwood			62	Cords		
<i>Red Maple</i>			0.6	<i>MBF</i>		
<i>Balsam Poplar</i>			9	<i>Cords</i>		
<i>Paper Birch</i>			35	<i>Cords</i>		
<i>Red Maple</i>			17	<i>Cords</i>		
Mixed Spruce			152	Cords		
<i>Black Spruce</i>			123	<i>Cords</i>		
<i>White Spruce</i>			29	<i>Cords</i>		
5			Balsam Fir	Pulpwood	9	Cords
	Jack Pine	9	Cords			
	Mixed Aspen	34	Cords			
	<i>Quaking Aspen</i>	34	<i>Cords</i>			
	Mixed Spruce	405	Cords			
	<i>Black Spruce</i>	405	<i>Cords</i>			
	Tamarack	86	Cords			
6	Red Pine	Sawtimber	55.6	MBF	14.5	\$7,176.30
	Mixed Spruce	Pulpwood	2	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	<i>Black Spruce</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	Red Pine		41	Cords		
7	Red Pine	Sawtimber	7.6	MBF	9.7	\$8,354.60
	Mixed Spruce	Pulpwood	10	Cords		
	<i>Black Spruce</i>		10	<i>Cords</i>		
	Red Pine		144	Cords		
	Tamarack		4	Cords		
8	Paper Birch	Sawtimber	1.7	MBF	11.2	\$5,499.20
	Red Pine		31.2	MBF		
	Mixed Aspen	Pulpwood	16	Cords		
	<i>Quaking Aspen</i>		16	<i>Cords</i>		
	Mixed Hardwood		9	Cords		
	<i>Paper Birch</i>		9	<i>Cords</i>		
	Mixed Spruce		7	Cords		
	<i>Black Spruce</i>		7	<i>Cords</i>		
	Red Pine		42	Cords		
TOTAL:			122.5	MBF		
TOTAL:			3,050	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Low Tech Mix 2

Sale Number: 12-001-26 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 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. Interior Payment Unit boundaries are marked with red slashes. The painted boundary line trees are not Included Timber and are to be protected. Trees marked with red slashes, 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) 1-4, cut all aspen and mixed hardwood trees that are two (2) inches or more at DBH, except oak and within Payment Units 3 and 4 leave one, two stick or greater aspen or birch tree per acre. In addition, cut the following trees in the designated Payment Units:

- Within Payment Units 1-4, cut all spruce, balsam, tamarack, and jack pine with two or more pulpwood sticks,
- Within Payment Unit 2, cut red pine marked with orange paint,
- Within Payment Unit 5, cut all trees with one or more pulpwood stick, except do not cut cedar, hemlock, oak, red pine, or white pine.

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

Within Payment Unit(s) 7 and 8, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition to trees marked with orange paint, cut all spruce, balsam, tamarack, jack pine, and aspen with two or more pulpwood stick. Leave all large aspen marked with green paint.

##### 2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 6, cut all red pine, jack pine, spruce, balsam, aspen, and maple trees that have two 100" sticks or more, except red pine trees marked with green paint above and below stump height. No white pine, red pine marked with green paint, cedar, hemlock, or oak will be cut.

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.3 - Special Protection Areas (8/11)

The Purchaser shall protect special protection areas from damage by the Purchaser's operations. Special protection areas are pockets of red pine saplings. If the Purchaser's operations have cut or damaged special protection areas through carelessness, the Purchaser shall pay \$100 as fixed, agreed, and liquidated damages for each acre or part thereof cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.1 - Stream Crossings, General (1/25)

All stream crossing structures will be temporary and, therefore, shall be provided by the Purchaser and must be removed upon completion of the sale. All permits for stream crossings will be provided by the purchaser.

##### 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, not left in windrows, and kept a minimum of 10 feet back from the road edge, be chipped, utilized or otherwise removed from the sale. 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 upon completion of the sale. 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. Contact the sale administrator for specific details of design and placement.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.8 - Slash Height (12/08)

No slash may exceed 36 inches in height.

#### 5.2.22 - Operating Caution

##### 5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 5, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of seasonally wet conditions.

### 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.

### 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 onsite 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 Two Mile Creek and Weber Creek Roads prior to beginning operations. The road must be posted approximately 350 feet 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.



# TIMBER SALE MAP

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

Sale Number	Year
12-001-26	2026

Forest Management Unit Crystal Falls	County Dickinson	Mapped By Scott Sebero	Date 02/09/2022	Page 1	of 1
Township 44N	Range 29W	Section(s) and Subdivision(s) 19 SENW,W1/2NE,SESW,N1/2SE,SWSE 20 N1/2SW,SESW,SE 21 W1/2SW 30 NENW	Scale 4 inches = 1 mile		

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			

