



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7221**

**SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on June 15, 2023.**

**LOCATION: NEWBERRY MGMT UNIT, PO BOX 428, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.**

**CONTACT NAME: Keith Magnusson**

**PHONE NUMBER: (906) 291-0120**

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

Swamp Lakes Mix (42-029-22) / T49N, R08W, SEC. 30, NW, W1/2SE.  
T49N, R08W, SEC. 31, NWNE.

Luce County, Advertised Price \$44,222.20, 86.4 Acres, Hardwood, White Pine.

SALE NOTE: Note that Mixed Hardwood includes red maple, paper birch, yellow birch and beech.

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails and back in spurs will only be allowed.

Road maintenance is required on this sale. See Sale Spec 4.2.3 for details.

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the Timber Sale Map.

It is recommended, but not required, that within Payment Unit(s) 1- 3, harvesting occur during dry summer or frozen winter conditions because some low areas within the Units.

The North Country Trail is shown on the Timber Sale Map. See Sale Spec 5.2.40 for restrictions.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions. Access may be through private or other public land.

## TIMBER SALE INFORMATION

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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		
Red Maple	77.9 MBF	\$ 131.00 / MBF
Yellow Birch	11.6 MBF	\$ 165.00 / MBF
Pulpwood		
B. T. Aspen	75 Cords	\$ 31.60 / Cord
Balsam Fir	120 Cords	\$ 12.40 / Cord
Jack Pine	11 Cords	\$ 34.30 / Cord
Mixed Hardwood	643 Cords	\$ 17.15 / Cord
N. White Cedar	15 Cords	\$ 6.00 / Cord
Red Pine	38 Cords	\$ 73.55 / Cord
White Pine	619 Cords	\$ 22.15 / Cord
White Spruce	17 Cords	\$ 14.40 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 13.63 percent. There are an estimated 1,757 cords on this timber sale, plus or minus 240 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 \$2,211.11 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	42.2%
02	27.2%
03	30.6%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

### **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
138,769	1,757	13.63%	1,517	1,996

#### 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
14	58,394	739	21.35%	581	897
22	80,375	1,017	11.98%	895	1,139
<b>TOTAL:</b>	<b>138,769</b>	<b>1,757</b>		<b>1,477</b>	<b>2,036</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
14	25.9	1	25.9
22	60.5	2	28.4
		3	32.1
<b>TOTAL:</b>	<b>86.4</b>		<b>86.4</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	1.1	MBF	25.9	\$18,651.05
	B. T. Aspen	Pulpwood	18	Cords		
	Balsam Fir		27	Cords		
	Jack Pine		11	Cords		
	Mixed Hardwood		42	Cords		
	<i>Paper Birch</i>		12	<i>Cords</i>		
	<i>Red Maple</i>		30	<i>Cords</i>		
	Red Pine		38	Cords		
	White Pine		619	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	<i>177.1</i>	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	<i>265</i>	<i>Cords</i>		
2	Red Maple	Sawtimber	36.1	MBF	28.4	\$12,012.40
	Yellow Birch		5.4	MBF		
	B. T. Aspen	Pulpwood	27	Cords		
	Balsam Fir		44	Cords		
	Mixed Hardwood		282	Cords		
	<i>Beech</i>	<i>Sawtimber</i>	<i>7.6</i>	<i>MBF</i>		
	<i>Paper Birch</i>		<i>0.7</i>	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	<i>33</i>	<i>Cords</i>		
	<i>Paper Birch</i>		<i>31</i>	<i>Cords</i>		
	<i>Red Maple</i>		<i>188</i>	<i>Cords</i>		
	<i>Yellow Birch</i>		<i>14</i>	<i>Cords</i>		
	N. White Cedar		7	Cords		
	White Spruce		8	Cords		
	3	Red Maple	Sawtimber	40.7		
Yellow Birch			6.2	MBF		
B. T. Aspen		Pulpwood	30	Cords		
Balsam Fir			49	Cords		
Mixed Hardwood			318	Cords		
<i>Beech</i>		<i>Sawtimber</i>	<i>8.5</i>	<i>MBF</i>		
<i>Paper Birch</i>			<i>0.7</i>	<i>MBF</i>		
<i>Beech</i>		<i>Pulpwood</i>	<i>38</i>	<i>Cords</i>		
<i>Paper Birch</i>			<i>35</i>	<i>Cords</i>		
<i>Red Maple</i>			<i>212</i>	<i>Cords</i>		
<i>Yellow Birch</i>			<i>15</i>	<i>Cords</i>		
N. White Cedar			8	Cords		
White Spruce			9	Cords		
TOTAL:			89.5	MBF		
TOTAL:			1,537	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Swamp Lakes Mix**

**Sale Number: 42-029-22 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. 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**

##### **2.1.7 - Leave tree marked unit(s) (6/14)**

Within Payment Unit(s) 1-3, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except trees marked with green paint above and below stump height. In addition, do not cut any hemlock in Payment Unit 1. Also, do not cut any hemlock or white pine in Payment Units 2 & 3.

##### **2.1.11 - Description of timber note (2/04)**

Note that Mixed Hardwood includes: red maple, paper birch, yellow birch and beech.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing payment units (7/14)**

Payment Unit(s) 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. Only one division per payment unit allowed.

### **4 - Transportation**

#### **4.1 - Construction**

##### **4.1.4 - Timber removed for construction (12/09)**

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

##### **4.1.12 - No new roads (1/12)**

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails and back in spurs will only be allowed.

#### **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 wet weather conditions.

##### **4.2.2 - Fill material (4/07)**

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

##### **4.2.3 - Road maintenance (8/13)**

The following road maintenance is required: Within 60 days of completion of hauling, the road must be maintained and graded.

This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

#### 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

#### 4.4.2 - Alternate route on private property (2/04)

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the Timber Sale Map.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

No slash or tree tops may exceed 36 inches in height.

#### 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.

#### 5.2.22 - Operating Caution

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

It is recommended, but not required, that within Payment Unit(s) 1-3, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because some low areas within the units. Swamp Lakes road can be very wet during the spring months from snow melt and in the summer during after heavy rainfall events. This makes the road susceptible to rutting and damage from hauling.

#### 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.

#### 5.2.40 - Pathway protection (10/10)

The North Country Trail is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Skidding across the trail may only occur in locations approved by the sale administrator.

### 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 on-site 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 County Road 500 & Swamp Lakes 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.

#### **6.2.3 - Recreational trail posting (10/20)**

The Purchaser is responsible for posting and maintaining caution signs on the North Country Trail prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The DNR will provide these signs.

**TIMBER SALE MAP**

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

Sale Number	Year
42-029	22

Forest Management Unit	County	Mapped By	Date	Page	of
Newberry	Luce	L. Livermore	9/12/2022	1	1

Township	Range	Section(s) and Subdivision(s)	Scale
49N	08W	Section 30: NW, W½SE Section 31: NWNE	1:15,840

**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

