



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7164**

**SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on December 8, 2022.**

**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:

Who Let the Cows Out (42-028-21) / T45N, R10W, SEC. 4 , SWNW.

T45N, R10W, SEC. 5 , NWNW, SENE.

T45N, R10W, SEC. 6 , SENE.

Luce County, Advertised Price \$7,854.40, 44.6 Acres, N White Cedar, Spruce/Fir/Tamarack.

SALE NOTE: This sale has been reduced by approximately 45% due to "NO BID" on 1-20-22. All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

Permission for access across private land is the responsibility of the Purchaser. A copy of written permission must be provided to the DNR (Newberry Unit) prior to bid opening. If this permission is not provided, the bid will be rejected.

Note that mixed Aspen includes quaking and big tooth. Mixed Hardwoods includes red maple, ironwood and paper birch.

The sale area cannot be accessed without permission from the adjacent landowner bordering the sale. See Sale Spec. 4.4.4 and 4.4.3 for specifics.

Within Payment Unit(s) #'s 2 and 3, harvesting is limited to the period of December 15 to April 1 because of low, wet ground.

Access may be through private 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		
Basswood	2.0 MBF	\$ 39.00 / MBF
Red Maple	0.9 MBF	\$ 98.00 / MBF
Pulpwood		
Balsam Fir	67 Cords	\$ 9.00 / Cord
Black Spruce	329 Cords	\$ 11.60 / Cord
Mixed Aspen	74 Cords	\$ 22.45 / Cord
Mixed Hardwood	11 Cords	\$ 12.55 / Cord
N. White Cedar	241 Cords	\$ 3.65 / Cord
Paper Birch	30 Cords	\$ 8.05 / Cord
Tamarack	129 Cords	\$ 2.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.32 percent. There are an estimated 884 cords on this timber sale, plus or minus 109 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 \$392.72 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	20.8%
02	8.0%
03	71.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2026.

### **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
69,833	884	12.32%	775	993

## 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
1	56,707	718	14.10%	617	819
4	5,561	70	37.21%	44	97
5	7,564	96	32.08%	65	126
<b>TOTAL:</b>	<b>69,833</b>	<b>884</b>		<b>726</b>	<b>1,042</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
1	29.9	3	29.9
4	7.2	1	7.2
5	7.5	2	7.5
<b>TOTAL:</b>	<b>44.6</b>		<b>44.6</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	2.0	MBF	7.2	\$1,633.35
	Red Maple		0.9	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen		58	Cords		
	<i>B. T. Aspen</i>		37	<i>Cords</i>		
	<i>Quaking Aspen</i>		21	<i>Cords</i>		
	Mixed Hardwood		11	Cords		
	<i>Basswood</i>		5	<i>Cords</i>		
	<i>Ironwood</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		3	<i>Cords</i>		
2	Black Spruce	Pulpwood	24	Cords	7.5	\$631.00
	Mixed Aspen		6	Cords		
	<i>B. T. Aspen</i>		6	<i>Cords</i>		
	N. White Cedar		56	Cords		
	Tamarack		5	Cords		
3	Balsam Fir	Pulpwood	64	Cords	29.9	\$5,590.05
	Black Spruce		305	Cords		
	Mixed Aspen		10	Cords		
	<i>Quaking Aspen</i>		10	<i>Cords</i>		
	N. White Cedar		185	Cords		
	Paper Birch		30	Cords		
	Tamarack		124	Cords		
TOTAL:			2.9	MBF		
TOTAL:			881	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Who Let the Cows Out**

**Sale Number: 42-028-21 Seq#: 3**

### **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. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

##### **2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)**

Within Payment Unit(s) 2 and 3, cut all trees which meet minimum piece specifications in 2.2 Utilization. Leave all hemlock and sub-merchantable balsam fir. Areas with higher densities of cedar have been marked with green or blue paint above and below stump height. These trees marked with green or blue paint above and below stump height should be retained as retention.

##### **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. Additionally, cut all aspen, except for aspen marked with green paint.

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

Note that mixed aspen includes quaking and big tooth. Mixed Hardwoods includes red maple, ironwood, and paper birch.

### **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.

##### **4.1.6 - Road construction (1/09)**

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 double earthen berms at strategic locations. 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.

#### **4.4 - Access**

##### **4.4.1 - Private property access (3/11)**

Permission for access across private land is the responsibility of the Purchaser. A copy of written permission must be provided to the DNR - Newberry FMU prior to bid opening. If this permission is not provided, the bid will be rejected.

##### **4.4.3 - Access gate (12/08)**

The gate on main access road must be closed upon entry and exiting. There is livestock with the Sale Area during certain

times of year.

#### 4.4.4 - Restricted access (10/05)

The Sale Area cannot be accessed without permission from the adjacent landowner bordering the sale. Cattle fencing will need to be removed in certain locations to access the Sale Area with equipment.

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to discuss access into the sale. There is a gate and fencing to consider when accessing the sale. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

### 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.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 2 and 3, unless changed by written agreement, cutting, skidding and hauling are limited to the period of December 15 to April 1. This restriction is because of low, wet ground.

#### 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.

#### 5.4.7 - Rutting restriction, Riparian Management Zone (RMZ) (1/09)

Within the Riparian Management Zone (RMZ), as shown on the attached Timber Sale Map, operations are to cease immediately if equipment and weather conditions result in rutting of roads and skid trails which is 6 inches or greater in depth and 25 feet in length. Within the Riparian Management Zone (RMZ), as shown on the attached Timber Sale Map, operations are to cease immediately if equipment and weather conditions result in rutting of roads which is 6 inches or greater in depth and 25 feet in length. In addition, operations are to cease immediately if equipment and weather conditions result in rutting of skid trails which is 6 inches or greater in depth and 25 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.

## **7 - Other Conditions**

### **7.2 - Extensions**

#### **7.2.5 - Weather related extension (1/13)**

If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.

**TIMBER SALE MAP**

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

Sale Number	Year
42-028-21	21

Forest Management Unit Newberry	County Luce	Mapped By Kriehn	Date 9/22/2021	Page 1	of 1
Township 45N	Range 10W	Section(s) and Subdivision(s) Section 4: SWNW; Section 5: NWNW, SENE; Section 6: SENE	Scale 1:15,840		

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			

PU	Acres
1	7.2
2	7.5
3	29.9

## Who Let the Cows Out

### Compartment 106

44.6 Acres

