



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7430**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on June 13, 2024.

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:

Birdshot Mix 2.0 (42-027-23) / T46N, R11W, SEC. 7 , NE.

Luce County, Advertised Price \$9,487.10, 37.5 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: No new roads will be permitted in any Payment Unit. See Sale Spec 4.1.12 for additional information.

Within Payment Unit 1, to improve habitat for snowshoe hare, create long linear brush piles a minimum of 50 feet in length using forest products. See Sale Spec 5.2.4.6 for details.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	2.6 MBF	\$ 73.00 / MBF
Pulpwood		
Balsam Fir	316 Cords	\$ 10.80 / Cord
Mixed Hardwood	390 Cords	\$ 13.00 / Cord
Mixed Spruce	57 Cords	\$ 7.55 / Cord
Quaking Aspen	6 Cords	\$ 28.50 / Cord
Red Pine	3 Cords	\$ 71.05 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.55 percent. There are an estimated 846 cords on this timber sale, plus or minus 106 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 \$474.36 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 remainder is due before cutting begins.
 - (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	100.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2027.

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
66,845	846	12.55%	740	952

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
88	66,845	846	12.56%	740	952
TOTAL:	66,845	846		740	952

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
88	37.5	1	37.5
TOTAL:	37.5		37.5

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	2.6	MBF	37.5	\$9,487.10
	Balsam Fir	Pulpwood	316	Cords		
	Mixed Hardwood		390	Cords		
	Beech		60	Cords		
	Red Maple		330	Cords		
	Mixed Spruce		57	Cords		
	Black Spruce		26	Cords		
	White Spruce		31	Cords		
	Quaking Aspen		6	Cords		
	Red Pine		3	Cords		
TOTAL:			2.6	MBF		
TOTAL:			772	Cords		

Sale Specific Conditions & Requirements

Sale Name: Birdshot Mix 2.0

Sale Number: 42-027-23 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.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all balsam fir, spruce, red maple, aspen, paper birch, and beech trees which meet minimum piece specifications in 2.2 Utilization. Leave all hemlock, cherry, yellow birch, white pine and sub-merchantable trees as retention.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 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

4.1.12 - No new roads (1/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

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.

5.2.4 - Dead and Down Creation

5.2.4.6 - Dead and down creation, other (9/09)

Within Payment Unit 1, to improve habitat for snowshoe hare, create long linear brush piles a minimum of 50 feet in length using forest products such as stumps and larger unmerchantable woody material (from within the sale boundaries where available), formed into a line as a base. Place tops onto the base along its length to construct a linear pile 6 feet in height. The brush pile should be a jumble of logging slash piled on top of the base. If no unmerchantable products are available for a base, use whole trees 8–16 inches at DBH. Place brush pile perpendicular to the edge of the harvested

stand, reaching into the adjacent stand at least 20 feet. It is ideal if the brush piles are along the southern edge of the Payment Unit. Contact the Sale Administrator with any questions.

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.

5.8 - 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 442 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.

TIMBER SALE MAP

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

Sale Number
42-027-23

Date
09/15/2023

Forest Management Unit		County	Mapped By: V. Porteous	Scale 1:7,920	Page 1	Of 1
Newberry Mgt Unit		Luce	Cruised By: V. Porteous			
Township 46N	Range 11W	Section(s) and Subdivision(s) Sec. 7 NE;				

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

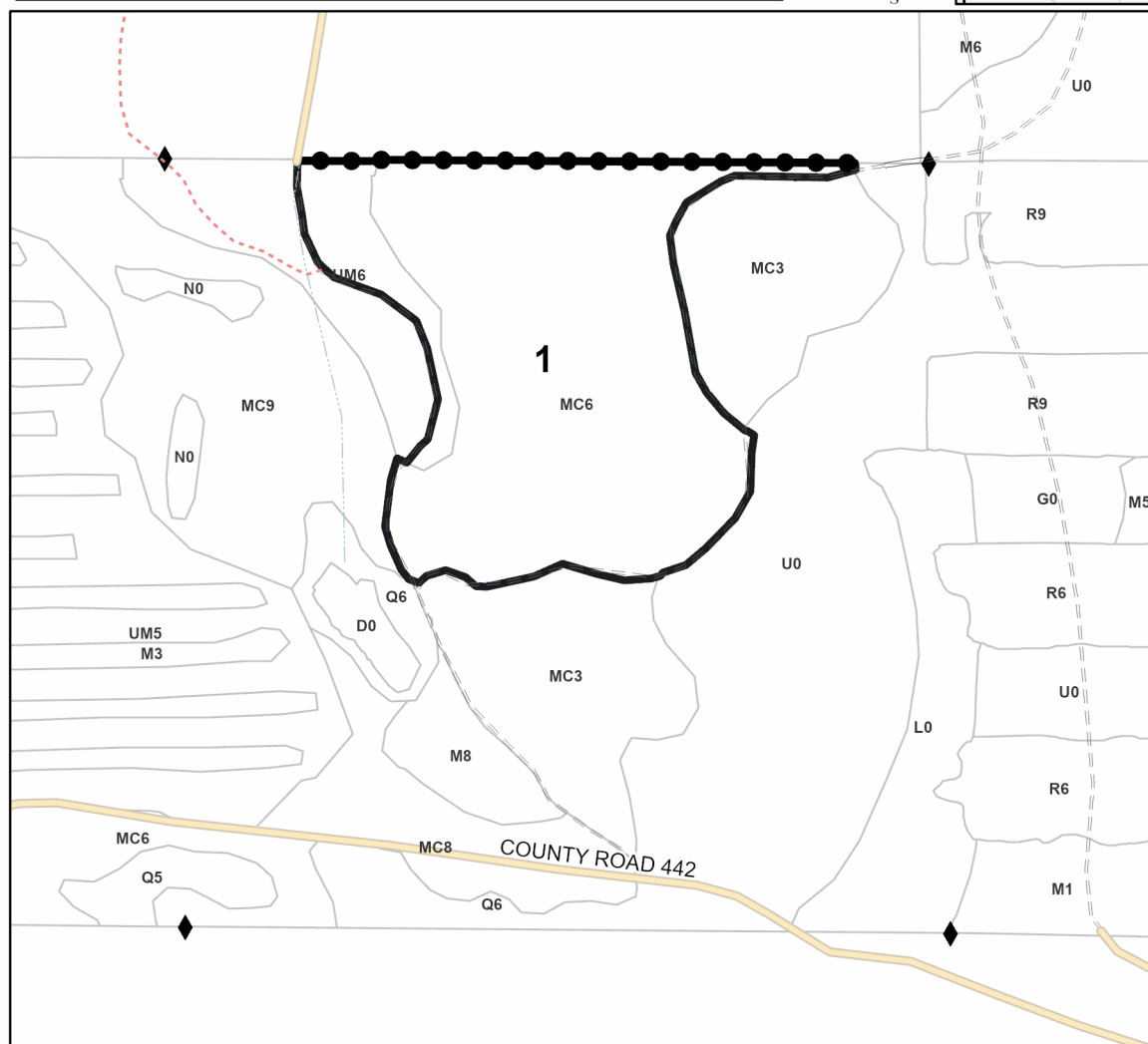
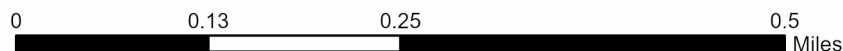
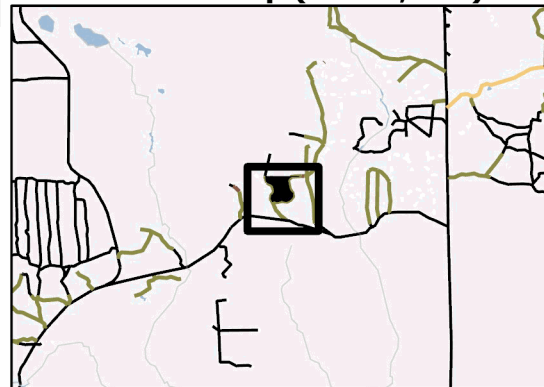
PU #	Acres
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
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94	100
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96	100
97	100
98	100
99	100
100	100

1	37.5
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Birdshot Mix 2.0

37.5 Acres

Locator Map (1:200,000)



Legend

-  Against State (Red)
-  Against Private (Blue)
-  Paved Road
-  Gravel Road
-  County Road - Seasonal
-  Private Road
-  Survey Corner
-  Intermittent Stream
-  Stand
-  Primary Forest Road
-  Secondary Forest Road
-  Forest Access Route
-  Administrative Access Only
-  Non-DNR Road

Use QR Code to open Map in App

