



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6811

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on July 15, 2021.

LOCATION: NEWBERRY MGMT UNIT, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.

CONTACT NAME: Keith Magnusson

PHONE NUMBER: (906) 293-3293

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:

Breezy Does It (42-017-20) / T49N, R12W, SEC. 23, SENW, NESW, SWSW, E1/2SE.

T49N, R12W, SEC. 26, NW, NE, N1/2SW, N1/2SE.

T49N, R12W, SEC. 27, E1/2NE.

Luce County, Advertised Price \$196,755.25, 277.6 Acres, Red Pine, White Pine.

SALE NOTE: Sale Spec. 2.1.7 for marked tree details.

Note that there are sawlog-sized red and white pine within the sale that were cruised as pulp.

There is an existing road that accesses Payment Unit 1 that may need work to be used. All other Payment Units can be accessed from existing roads.

No new roads will be permitted in any Payment Unit, except for access to Payment Unit 1. See Sale Spec 4.1.12 for additional information.

Permission for access across private land is the responsibility of the Purchaser. Hancock Forest Management manages the land adjacent to Payment Units 1 and 2.

Within Payment Unit(s) 1 - 8, harvesting is not permitted during the period of December 12 to April 15 due to low stump height requirement. See 5.2.3.1 for specifications.

Within Payment Unit(s) 1 and 2, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

The Pine Ridge Trail is an ORV trail shown on the Timber Sale Map. See Sale Spec 5.2.39 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.

TIMBER SALE INFORMATION

Breezy Does It (42-017-20)

T49N, R12W, SEC. 23; T49N, R12W, SEC. 26; T49N, R12W, SEC. 27.
Luce County (Advertised Price \$196,755.25)

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Note that there are sawlog-sized red and white pine within the sale that were cruised as pulp.

There is an existing road that accesses Payment Unit 1 that may need work to be used. All other Payment Units can be accessed from existing roads.

No new roads will be permitted in any Payment Unit, except for access to Payment Unit 1. See Sale Spec 4.1.12 for additional 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 T-Sale computer program and our traditional volume equations. 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	25.2 MBF	\$ 70.00 / MBF
Sugar Maple	9.4 MBF	\$ 200.00 / MBF
Pulpwood		
Balsam Fir	29 Cords	\$ 9.55 / Cord
Hemlock	2 Cords	\$ 16.50 / Cord
Jack Pine	161 Cords	\$ 22.75 / Cord
Mixed Hardwood	545 Cords	\$ 11.25 / Cord
Quaking Aspen	3 Cords	\$ 17.35 / Cord
Red Pine	2,993 Cords	\$ 46.30 / Cord
White Pine	2,779 Cords	\$ 15.80 / Cord
White Spruce	27 Cords	\$ 17.45 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.43 percent. There are an estimated 6,608 cords on this timber sale, plus or minus 623 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 \$9,837.76 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	3.7%
02	1.3%
03	2.1%
04	8.6%
05	15.6%
06	21.7%
07	32.8%
08	14.2%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 12/31/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
522,019	6,608	9.43%	5,985	7,231

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
10	35,558	450	13.39%	390	510
12	15,571	197	22.67%	152	242
17	13,667	173	21.49%	136	210
20	70,768	896	15.82%	754	1,038
26	158,395	2,005	19.68%	1,610	2,400
28	140,841	1,783	17.90%	1,464	2,102
29	58,863	745	27.13%	543	947
281	197,563	2,501	18.58%	2,036	2,965
TOTAL:	691,226	8,750		7,085	10,414

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
10	35.2	1	35.2
12	14.7	3	14.7
17	15.1	2	15.1
20	35.4	8	35.4
26	59.5	7	59.5
28	52.7	5	52.6
		6	0.1
29	19.7	4	19.7
281	45.3	5	0.1
		6	45.2
TOTAL:	277.6		277.6

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	17.7	MBF	35.2	\$7,287.35
	Sugar Maple		7.9	MBF		
	Balsam Fir	Pulpwood	12	Cords		
	Mixed Hardwood		387	Cords		
	Beech	Sawtimber	2.0	MBF		
	Beech	Pulpwood	101	Cords		
	Red Maple		209	Cords		
	Sugar Maple		73	Cords		
2	Red Maple	Sawtimber	7.5	MBF	15.1	\$2,575.85
	Sugar Maple		1.5	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Hemlock		2	Cords		
	Mixed Hardwood		151	Cords		
	Beech		20	Cords		
	Red Maple		123	Cords		
	Sugar Maple		8	Cords		
3	Red Pine	Pulpwood	32	Cords	14.7	\$4,137.40
	White Pine		146	Cords		
	White Spruce		20	Cords		
4	Jack Pine	Pulpwood	135	Cords	19.7	\$16,871.70
	Mixed Hardwood		7	Cords		
	Red Maple		7	Cords		
	Red Pine		137	Cords		
	White Pine		467	Cords		
5	Balsam Fir	Pulpwood	2	Cords	52.7	\$30,719.45
	Jack Pine		6	Cords		
	Quaking Aspen		3	Cords		
	Red Pine		544	Cords		
	White Pine		337	Cords		
6	Red Pine	Pulpwood	754	Cords	45.3	\$42,731.20
	White Pine		495	Cords		
7	Red Pine	Pulpwood	1,077	Cords	59.5	\$64,527.50
	White Pine		928	Cords		
8	Balsam Fir	Pulpwood	13	Cords	35.4	\$27,904.80
	Jack Pine		20	Cords		
	Red Pine		449	Cords		
	White Pine		406	Cords		
	White Spruce		7	Cords		
TOTAL:			34.6	MBF		
TOTAL:			6,539	Cords		

Sale Specific Conditions & Requirements

Sale Name: Breezy Does It

Sale Number: 42-017-20 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. 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

2.1.3 - 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. In addition, within Payment Unit 1, all beech and balsam fir are designated to be cut unless marked with green paint.

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 3, 5, 6, and 8, all trees which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except for trees marked with green paint.

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

Within Payment Unit(s) 2, 4, and 7, 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.

Within Payment Unit 4, one 24 inch or larger white pine has been left for every 4 acres, with a 50-foot diameter circle around it. These have been marked in red and are to be left uncut.

2.1.11 - Description of timber note (2/04)

Note that there are sawlog sized red and white pine within the sale. All red and white pine were cruised as pulp.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 4 - 8 shall not exceed 6 inches for all trees. This is to facilitate planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 and 5 - 8 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.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads will be limited to Payment Units 1 and 2 and 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.

There is an existing road that accesses Payment Unit 1 that would need some work to be used. All other Payment Units can be accessed from existing roads.

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. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit, except for access to Payment Unit 1. All operations are limited to existing roads. Skid trails only will be allowed.

Skid trails in Payment Units 3 and 5 - 8 will need to be laid out and discussed with the sale administrator prior to harvesting activities. This is to protect existing regeneration.

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 during wet weather conditions.

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.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Hancock Forest Management manages the land adjacent to Payment Units 1 and 2.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.2 - Slash Removal

5.2.1.2.1 - Slash removal, right-of-way (9/16)

All slash must be removed at least 10 feet from the cleared right-of-way of existing forest roads.

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 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) 1 - 8, unless changed by written agreement, cutting, skidding, and hauling are not permitted during the period of 12/15 to 4/15. This restriction is because the need to cut low stumps and several miles of the main access roads leading to the sale are also a snowmobile trail.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1 and 2, 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.

5.2.39 - ORV trail/route protection (4/18)

The Pine Ridge Trail is an ORV trail and is shown on the Timber Sale Map. Do not damage posts with orange ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route.

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 (9/09)

The Purchaser is responsible for posting and maintaining caution signs on County Road 378 and/or 416 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 Pine Ridge Trail prior to beginning operations. The trail must be posted approximately 350 feet 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

42-017-20

Year

20

Forest Management Unit

Newberry

County

Luce

Mapped By

Livermore

Date

9/29/2020

Page

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of

1

Township

49N

Range

12W

Section(s) and Subdivision(s)

Section 23: SENW, NESW, SWSW, E½SE Section 26: NW¼, N½SW, NE¼, N½SE

Scale

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

Breezy Does It

Compartment 7

277.6 Acres

PU Acres

1	35.2
2	15.1
3	14.7
4	19.7
5	52.7
6	45.3
7	59.5
8	35.4



- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Payment Unit Label
- ORV Trails
- Recreational Trail
- 01 Section Numbers
- Section Corners
- Survey Corners
- Berms
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private
- DNR - Management Access
- Temporary Management Access
- Perennial River
- Lakes and Rivers
- Nearby Timber Sale

Locator Map: 1:200,000

- Main Map Extent

