



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6802

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on February 18, 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:

County Line Contract (42-009-20) / T45N, R08W, SEC. 29, W1/2SW.

T45N, R08W, SEC. 30, E1/2SE.

T45N, R08W, SEC. 31, E1/2NE, E1/2SE.

T45N, R08W, SEC. 32, W1/2NW, W1/2SW.

Luce County, Advertised Price \$32,133.25, 87.1 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: No chipping is permitted on this sale (see spec 2.2.9).

Harvesting is limited to the period of December 15 to April 1 due to the low ground nature of the sale as well as wintering deer (see spec 5.2.3.2).

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system (see spec 5.2.17).

TIMBER SALE INFORMATION

County Line Contract (42-009-20)

T45N, R08W, SEC. 29; T45N, R08W, SEC. 30; T45N, R08W, SEC. 31; T45N, R08W, SEC. 32.
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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		
Paper Birch	12.8 MBF	\$ 25.00 / MBF
Red Maple	30.0 MBF	\$ 71.00 / MBF
Yellow Birch	2.1 MBF	\$ 25.00 / MBF
Pulpwood		
Balsam Fir	136 Cords	\$ 9.05 / Cord
Mixed Hardwood	1,585 Cords	\$ 11.70 / Cord
Mixed Spruce	532 Cords	\$ 12.25 / Cord
N. White Cedar	48 Cords	\$ 4.15 / Cord
Quaking Aspen	125 Cords	\$ 13.85 / Cord
White Pine	88 Cords	\$ 16.00 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.68 percent. There are an estimated 2,602 cords on this timber sale, plus or minus 330 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 \$1,606.66 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
205,541	2,602	12.68%	2,272	2,932

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
57	17,064	216	9.66%	195	237
59	63,129	799	21.74%	625	973
60	30,992	392	24.74%	295	489
61	16,922	214	34.64%	140	288
63	49,738	630	23.80%	480	779
82	27,697	351	28.51%	251	451
TOTAL:	205,542	2,602		1,986	3,217

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
57	8.0	1	8.0
59	22.1	2	22.1
60	16.4	3	16.4
61	9.3	4	9.3
63	24.6	5	24.6
82	6.7	6	6.7
TOTAL:	87.1		87.1

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	4.0	MBF	8.0	\$2,700.80
	Balsam Fir	Pulpwood	8	Cords		
	Mixed Hardwood		192	Cords		
	<i>Paper Birch</i>		106	Cords		
	<i>Red Maple</i>		86	Cords		
	Mixed Spruce		8	Cords		
	<i>White Spruce</i>		8	Cords		
2	Paper Birch	Sawtimber	1.3	MBF	22.1	\$9,894.75
	Red Maple		11.5	MBF		
	Balsam Fir	Pulpwood	15	Cords		
	Mixed Hardwood		705	Cords		
	<i>Paper Birch</i>		130	Cords		
	<i>Red Maple</i>		575	Cords		
	Mixed Spruce		54	Cords		
	<i>Black Spruce</i>		21	Cords		
	<i>White Spruce</i>		33	Cords		
3	Paper Birch	Sawtimber	2.1	MBF	16.4	\$5,119.95
	Red Maple		6.0	MBF		
	Yellow Birch		2.1	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		233	Cords		
	<i>Paper Birch</i>		62	Cords		
	<i>Red Maple</i>		160	Cords		
	<i>Yellow Birch</i>		11	Cords		
	Mixed Spruce		85	Cords		
	<i>Black Spruce</i>		55	Cords		
	<i>White Spruce</i>		30	Cords		
	Quaking Aspen		11	Cords		
	White Pine		39	Cords		
4	Paper Birch	Sawtimber	1.1	MBF	9.3	\$2,682.50
	Red Maple		3.7	MBF		
	Mixed Hardwood	Pulpwood	194	Cords		
	<i>Paper Birch</i>		18	Cords		
	<i>Red Maple</i>		173	Cords		
	<i>Yellow Birch</i>		3	Cords		
	Mixed Spruce		10	Cords		
	<i>White Spruce</i>		10	Cords		
5	Paper Birch	Sawtimber	2.4	MBF	24.6	\$7,913.10
	Red Maple		4.8	MBF		
	Balsam Fir	Pulpwood	85	Cords		
	Mixed Hardwood		183	Cords		
	<i>Paper Birch</i>		51	Cords		
	<i>Red Maple</i>		126	Cords		
	<i>Yellow Birch</i>		6	Cords		
	Mixed Spruce		202	Cords		
	<i>Black Spruce</i>		45	Cords		
	<i>White Spruce</i>		157	Cords		
	Quaking Aspen		97	Cords		
White Pine		49	Cords			
6	Paper Birch	Sawtimber	5.9	MBF	6.7	\$3,822.15
	Balsam Fir	Pulpwood	23	Cords		
	Mixed Hardwood		78	Cords		
	<i>Black Cherry</i>		8	Cords		
	<i>Paper Birch</i>		62	Cords		
	<i>Red Maple</i>		8	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Mixed Spruce	Pulpwood	173	Cords		
	<i>White Spruce</i>		173	<i>Cords</i>		
	N. White Cedar		48	Cords		
	Quaking Aspen		17	Cords		
TOTAL:			44.9	MBF		
TOTAL:			2,514	Cords		

Sale Specific Conditions & Requirements

Sale Name: County Line Contract

Sale Number: 42-009-20 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 red and yellow 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.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 3, 5, and 6, cut all trees which meet minimum piece specifications in 2.2 Utilization, except within Payment Units 1, 3, and 5, do not cut sub-merchantable balsam fir or any cedar or hemlock. In addition, within Payment Units 1, 3, and 5, in areas where high cedar density makes the cutting of other species extremely difficult, leave the area as a retention pocket. Also, within Payment Unit 6, do not cut any white pine.

Note: Payment Unit 3 was marked with orange paint in 2010 and was not cut, so there may still be evidence of past tree marking. This will be discussed further at the pre-sale meeting.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

Note: This unit was marked with orange paint in 2010 and was not cut, so there may still be evidence of past tree marking. This will be discussed further the pre-sale meeting.

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

Within Payment Unit(s) 4, all trees which meet minimum piece specifications in 2.2 Utilization are designated for cutting, except do not cut trees marked with green paint above and below stump height. In addition, do not cut sub-merchantable balsam fir or any cedar or hemlock. Also, in areas where high cedar density makes the cutting of other species extremely difficult, leave the area as a retention pocket.

Note: This stand was marked with orange paint in 2010 and was not cut so there may still be evidence of past tree marking. This will be discussed further a pre-work meeting.

2.1.9 - Harvest exception (12/08)

Do not cut any cedar trees within Payment Units 1-5 other than those that are necessary to remove in order to operate within the sale area. Every effort must be made to preserve the existing cedar and to leave an intact stand upon sale completion. All cut cedar shall be piled separately by products and scaled in the woods unless other scaling arrangements are agreed to by the Unit Manager or his/her representative. Stumpage price for cedar will be \$50.00 per cord.

2.2 - Utilization

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1-6, no chipping is permitted.

3 - Payments

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

4.1.4 - 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 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.

4.2 - 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 other wet conditions.

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.

5.2.3 - Operating Restrictions

5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1-6, 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 the winter deer yard, as well as the low ground nature of most of the sale area.

5.2.17 - Timber Mats and Interlocking Composite Mats (3/18)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$400.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for

the composite mats is defined as cracked or broken mats.

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.

5.4.5 - Soil caution (11/04)

Care must be taken to minimize soil damage due to the wet nature of the soils around the sale area.

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 Quarry Road prior to beginning operations. The road must be posted 200 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.

Forest Management Unit Newberry Management Unit		County Luce	Mapped By Payment	Date 09/16/2020	Page 1	of 1
Township 45N	Range 8W	Section(s) and Subdivision(s) 29: W1/2SW, 30:E1/2SE, 31: E1/2NE, E1/2SE, 32:W1/2NW, W1/2SW		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 = Tread 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	PU	Acres
1	8.0	4	9.3
2	22.1	5	24.6
3	16.4	6	6.7

County Line Contract

Compartment 129

87.1 Acres

