



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6472

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on November 20, 2019.

LOCATION: ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.

CONTACT NAME: Steve Anderson

PHONE NUMBER: (989) 275-4622

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

Houghton Creek Pine (71-019-19) / T23N, R02E, SEC. 8 , N1/2SE,SWSE.

T23N, R02E, SEC. 8 , SENW,NWNE,S1/2NE,E1/2SW.

T23N, R02E, SEC. 9 , SWNW.

Ogemaw County, Advertised Price \$239,711.05, 178.1 Acres, Aspen, Red Pine.

SALE NOTE: 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

Houghton Creek Pine (71-019-19)
T23N, R02E, SEC. 8; T23N, R02E, SEC. 9.
Ogemaw County (Advertised Price \$239,711.05)

SALE NOTE: 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.

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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
B. T. Aspen	17.50	MBF	\$ 73.00 / MBF
Bl/R/Hybrid Oak	15.10	MBF	\$ 128.00 / MBF
Quaking Aspen	11.50	MBF	\$ 73.00 / MBF
Red Maple	24.00	MBF	\$ 66.00 / MBF
Red Pine	1,315.70	MBF	\$ 118.00 / MBF
Pulpwood			
B. T. Aspen	411.00	Cords	\$ 30.15 / Cord
Bl/R/Hybrid Oak	234.00	Cords	\$ 18.30 / Cord
Jack Pine	11.00	Cords	\$ 13.95 / Cord
Quaking Aspen	583.00	Cords	\$ 30.15 / Cord
Red Maple	533.00	Cords	\$ 20.40 / Cord
Red Pine	767.00	Cords	\$ 43.20 / Cord
White Pine	19.00	Cords	\$ 21.70 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$11,985.55 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 12/31/2021.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	8.6	MBF	10.7	\$10,486.80
	Bl/R/Hybrid Oak		5.0	MBF		
	Red Maple		8.1	MBF		
	Red Pine		14.2	MBF		
	B. T. Aspen	Pulpwood	126.0	Cords		
	Bl/R/Hybrid Oak		29.0	Cords		
	Quaking Aspen		4.0	Cords		
	Red Maple		100.0	Cords		
	Red Pine		11.0	Cords		
	White Pine		2.0	Cords		
2	B. T. Aspen	Sawtimber	4.4	MBF	61.0	\$71,543.50
	Bl/R/Hybrid Oak		5.0	MBF		
	Quaking Aspen		5.7	MBF		
	Red Maple		7.9	MBF		
	Red Pine		356.9	MBF		
	B. T. Aspen	Pulpwood	141.0	Cords		
	Bl/R/Hybrid Oak		89.0	Cords		
	Jack Pine		4.0	Cords		
	Quaking Aspen		281.0	Cords		
	Red Maple		207.0	Cords		
	Red Pine		202.0	Cords		
	White Pine		8.0	Cords		
3	B. T. Aspen	Sawtimber	4.5	MBF	62.0	\$72,794.95
	Bl/R/Hybrid Oak		5.1	MBF		
	Quaking Aspen		5.8	MBF		
	Red Maple		8.0	MBF		
	Red Pine		362.8	MBF		
	B. T. Aspen	Pulpwood	144.0	Cords		
	Bl/R/Hybrid Oak		92.0	Cords		
	Jack Pine		5.0	Cords		
	Quaking Aspen		286.0	Cords		
	Red Maple		211.0	Cords		
	Red Pine		205.0	Cords		
	White Pine		8.0	Cords		
4	Red Pine	Sawtimber	127.1	MBF	9.7	\$18,524.15
	Bl/R/Hybrid Oak	Pulpwood	5.0	Cords		
	Quaking Aspen		3.0	Cords		
	Red Maple		3.0	Cords		
	Red Pine		76.0	Cords		
5	Red Pine	Sawtimber	99.6	MBF	7.6	\$14,539.50
	Bl/R/Hybrid Oak	Pulpwood	4.0	Cords		
	Quaking Aspen		2.0	Cords		
	Red Maple		3.0	Cords		
	Red Pine		60.0	Cords		
6	Red Pine	Sawtimber	159.9	MBF	12.2	\$23,329.50
	Bl/R/Hybrid Oak	Pulpwood	7.0	Cords		
	Jack Pine		1.0	Cords		
	Quaking Aspen		3.0	Cords		
	Red Maple		4.0	Cords		
	Red Pine		96.0	Cords		
7	Red Pine	Sawtimber	195.2	MBF	14.9	\$28,470.95
	Bl/R/Hybrid Oak	Pulpwood	8.0	Cords		
	Jack Pine		1.0	Cords		
	Quaking Aspen		4.0	Cords		
	Red Maple		5.0	Cords		

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	Red Pine	Pulpwood	117.0	Cords		
TOTAL:			1,383.8	MBF		
TOTAL:			2,557.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Houghton Creek Pine

Sale Number: 71-019-19 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (1/14)

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. 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

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1, 2, and 3 , cut all trees that are two (2) inches or more at DBH.

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

Within Payment Unit(s) 4-7, cut all trees which meet minimum piece specifications in 2.2 Utilization.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH.

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 Supplement.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

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 upon completion of the sale. All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, 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.

4.2.5 - 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

5.1 - 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 determine landing and road locations.

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 10 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Embridge Energy at (989)545-0596. Operations may not begin until contact with a representative has been made.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.1 - Slash within sale area (9/16)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the red paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

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

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 4, 5, 6, 7, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting

occurs before the operation is complete.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees, nine (9) inches or larger in diameter on the ground for every two acres within payment units 1, 2, and 3. They should be scattered throughout the sale or positioned per the sale administrators instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, 2, and 3, leave at least one (1) large top pile per every 2 acres. These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

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.

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

The ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow 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. Skidding across the trail or route may only occur in locations approved by the sale administrator.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the ORV 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.

**TIMBER SALE MAP**

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

Sale Number	Year
71 - 019	19

Forest Management Unit	County	Mapped By	Date	Page	of
Roscommon Management Unit	Ogemaw County	Lewicki	07/01/2019	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
23N	02W	S.8 N1/2SE;SWSE;SENW;S1/2NE;E1/2SW	1:15,840		

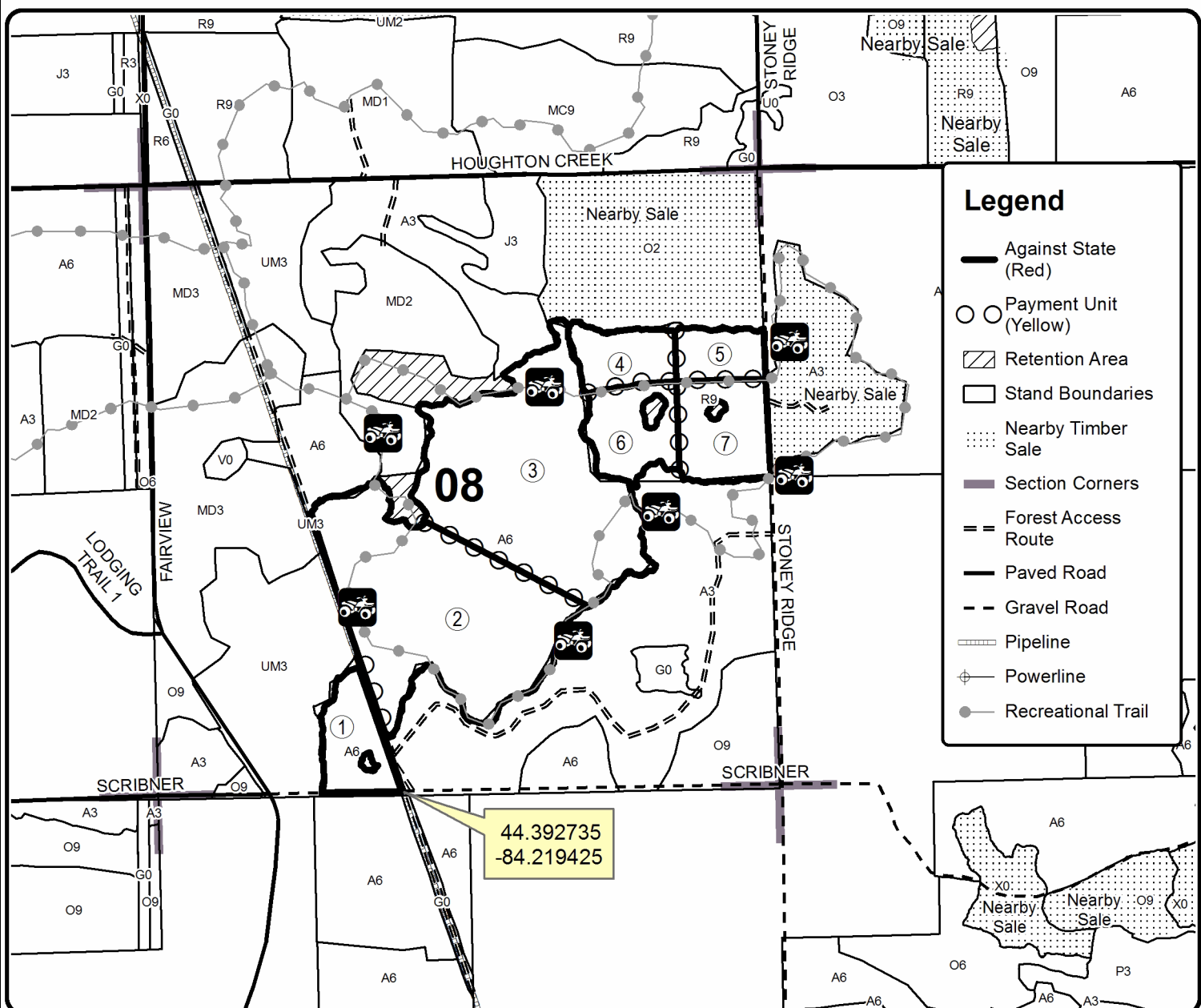
Cover Type

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

PU	Acres	PU	Acres	PU	Acres
1	10.7	4	9.7	7	14.9
2	61	5	7.6		
3	62	6	12.2		

Houghton Creek Pine**Compartment 85****178.1 Acres**

0 0.125 0.25 0.5 0.75 1 Miles