



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7501**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on October 8, 2024.

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

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:

Emery Red Pine (71-011-24) / T22N, R01W, SEC. 22, S1/2NW,S1/2NE,SW,W1/2SE.

T22N, R01W, SEC. 27, NWNW.

Roscommon County, Advertised Price \$244,165.55, 154.9 Acres, Red Pine, Hardwood.

SALE NOTE: Sale consists of a mix of aspen, red pine, and mixed oak, located at the corner of Emery Road and Woods Road, South of M-55. Oak wilt restrictions are in place for all units.

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.

Monday Morning Aspen (71-015-24) / T24N, R02W, SEC. 32, E1/2SE.

T24N, R02W, SEC. 33, SENW,SWNE,N1/2SW,SWSW,NWSE.

Roscommon County, Advertised Price \$34,996.75, 52.2 Acres, Hardwood, Aspen.

SALE NOTE: Aspen clearcut that is located near the corners of Sawyer Road and Third Lake Road. Oak wilt restrictions have been applied due to residuals oak trees that have been marked to leave.

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.

Thumping Red Pine (71-016-24) / T21N, R03W, SEC. 19, S1/2SW,S1/2SE.

T21N, R03W, SEC. 30, N1/2NW,NWNE.

Roscommon County, Advertised Price \$127,767.50, 88.7 Acres, Red Pine, Hardwood.

SALE NOTE: A straightforward red pine final harvest. Oak Wilt & Bark Beetle specs will apply. There is a snowmobile trail running through the unit which must be protected. Some above ground gas lines to be aware of.

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.

BID INSTRUCTIONS (VER. 10/10/2022):

1. Scheduled Bid Location, Date, and Time (2/11)

Bids must be received by the Unit Manager, ROSCOMMON OFFICE, PO BOX 218, ROSCOMMON, MI 48653, no later than 9:00 a.m. (local time) on October 8, 2024. For further information concerning this sale, contact Jason Lewicki at 989-745-5870 extension .

2. Bidder's Qualifications (10/22)

If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale. A person must be 18 years of age or older to purchase timber. Permanent employees of the Department of Natural Resources or members of their immediate household may not bid. Former employees, in the permanent or seasonal class, may not bid until 3 months after the last day of active duty. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus . Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. Bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding and all fill-in blanks must be completed. If erasures or other changes appear on the hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening, as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes or announce the withdrawal of their online bid after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and

Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Worker's Compensation (10/22)

Purchaser shall obtain worker's compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. Verification of Worker's Disability Compensation Act Compliance must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if applicable, Notice of Exclusion or Certificate of Insurance must also be submitted.

10. Timber Sale Contract (10/22)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price ($\$1,500/\$10,000 * 100$).

11. Disclaimer of Estimates and Bidder's Warranty of Inspection (10/22)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

12. Certification and Chain-of-Custody (10/22)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate #NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

13. Good Neighbor Authority (GNA) Requirements (10/22)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In

addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

14. Good Neighbor Authority (GNA) Requirements, con't (10/22)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining , attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

Scott Bowen
Director

TIMBER SALE INFORMATION

Emery Red Pine (71-011-24)
 T22N, R01W, SEC. 22; T22N, R01W, SEC. 27.
 Roscommon County (Advertised Price \$244,165.55)

SALE NOTE: Sale consists of a mix of aspen, red pine, and mixed oak, located at the corner of Emery Road and Woods Road, South of M-55. Oak wilt restrictions are in place for all units.

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. 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		
B. T. Aspen	29.3 MBF	\$ 92.00 / MBF
Mixed Oak	240.2 MBF	\$ 133.00 / MBF
Red Maple	2.5 MBF	\$ 83.00 / MBF
Red Pine	1,080.9 MBF	\$ 124.00 / MBF
White Pine	82.5 MBF	\$ 84.00 / MBF
Pulpwood		
B. T. Aspen	123 Cords	\$ 38.45 / Cord
Mixed Hardwood	82 Cords	\$ 25.05 / Cord
Mixed Oak	668 Cords	\$ 24.10 / Cord
Red Pine	829 Cords	\$ 44.10 / Cord
White Pine	214 Cords	\$ 41.65 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.52 percent. There are an estimated 5,276 cords on this timber sale, plus or minus 766 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 \$12,208.00 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	12.5%
02	27.5%
03	33.2%
04	22.9%
05	3.9%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

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
416,843	5,276	14.52%	4,510	6,043

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	18,971	240	21.41%	189	292
104	113,411	1,436	18.26%	1,174	1,698
105	284,461	3,601	20.09%	2,877	4,324
TOTAL:	416,843	5,276		4,240	6,313

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	13.9	5	13.9
104	39.0	4	39.0
105	102.0	1	17.4
		2	38.4
		3	46.2
TOTAL:	154.9		154.9

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Mixed Oak	Sawtimber	1.0	MBF	17.4	\$30,463.80	
	<i>/Red (Hybrid) Oak</i>		1.0	<i>MBF</i>			
	Red Pine		180.8	MBF			
	White Pine		8.4	MBF			
	B. T. Aspen		Pulpwood	1			Cords
	Mixed Hardwood			3			Cords
	<i>Black Cherry</i>			1			<i>Cords</i>
	<i>Pin Cherry</i>			2			<i>Cords</i>
	Mixed Oak			7			Cords
	<i>/Red (Hybrid) Oak</i>			4			<i>Cords</i>
	<i>White Oak</i>			3			<i>Cords</i>
	Red Pine			140			Cords
	White Pine			18			Cords
	2			Mixed Oak			Sawtimber
<i>/Red (Hybrid) Oak</i>		2.1	<i>MBF</i>				
Red Pine		399.1	MBF				
White Pine		18.4	MBF				
B. T. Aspen		Pulpwood	2	Cords			
Mixed Hardwood			6	Cords			
<i>Black Cherry</i>			2	<i>Cords</i>			
<i>Pin Cherry</i>			4	<i>Cords</i>			
Mixed Oak			16	Cords			
<i>/Red (Hybrid) Oak</i>			9	<i>Cords</i>			
<i>White Oak</i>			7	<i>Cords</i>			
Red Pine			309	Cords			
White Pine			41	Cords			
3			Mixed Oak	Sawtimber	2.6	MBF	
	<i>/Red (Hybrid) Oak</i>	2.6	<i>MBF</i>				
	Red Pine	480.1	MBF				
	White Pine	22.2	MBF				
	B. T. Aspen	Pulpwood	2		Cords		
	Mixed Hardwood		7		Cords		
	<i>Black Cherry</i>		2		<i>Cords</i>		
	<i>Pin Cherry</i>		5		<i>Cords</i>		
	Mixed Oak		19		Cords		
	<i>/Red (Hybrid) Oak</i>		11		<i>Cords</i>		
	<i>White Oak</i>		8		<i>Cords</i>		
	Red Pine		372		Cords		
	White Pine		49		Cords		
	4		B. T. Aspen		Sawtimber	29.3	MBF
Mixed Oak		184.4	MBF				
<i>/Red (Hybrid) Oak</i>		2.1	<i>MBF</i>				
<i>Red Oak</i>		180.1	<i>MBF</i>				
<i>White Oak</i>		2.2	<i>MBF</i>				
Red Maple		1.8	MBF				
Red Pine		20.9	MBF				
White Pine		33.5	MBF				
B. T. Aspen		Pulpwood	118	Cords			
Mixed Hardwood			64	Cords			
<i>Red Maple</i>			64	<i>Cords</i>			
Mixed Oak			507	Cords			
<i>/Red (Hybrid) Oak</i>			1	<i>Cords</i>			
<i>Red Oak</i>			462	<i>Cords</i>			
<i>White Oak</i>			44	<i>Cords</i>			
Red Pine			8	Cords			
White Pine	106		Cords				

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5	Mixed Oak	Sawtimber	50.1	MBF	13.9	\$9,639.40
	<i>/Red (Hybrid) Oak</i>		1.0	<i>MBF</i>		
	<i>Red Oak</i>		49.1	<i>MBF</i>		
	Red Maple		0.7	MBF		
	Mixed Hardwood	Pulpwood	2	Cords		
	<i>Red Maple</i>		2	<i>Cords</i>		
	Mixed Oak		119	Cords		
	<i>/Red (Hybrid) Oak</i>		4	<i>Cords</i>		
	<i>Red Oak</i>		109	<i>Cords</i>		
	<i>White Oak</i>		6	<i>Cords</i>		
	TOTAL:			1,435.4		
TOTAL:			1,916	Cords		

Sale Specific Conditions & Requirements

Sale Name: Emery Red Pine

Sale Number: 71-011-24 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. Retention patches are marked with red paint; no harvesting activities may occur within these areas. 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) 4, cut all trees that are two (2) inches or more at DBH, except do not cut any white oak 12 inches or more at DBH. In addition, do not cut any green marked white pine.

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

Within Payment Unit(s) 1, 2, and 3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any oak trees 6 inches or less in diameter. In addition, do not cut any white pine 26 inches or more in diameter.

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

Within Payment Unit(s) 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

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 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.

Within Payment Units 1, 2, and 3, if more than 30% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (4/24)

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.

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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

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

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

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

5.2.1.8 - 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) 1, 2, 3, & 5, 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. Within Payment Unit 4, 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 Payment Unit 4 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. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

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)

There is an ORV route and motorcycle trail in the Sale Area indicated on the Timber Sale Map. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. 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.

5.2.41 - Snowmobile trail protection (9/11)

A snowmobile trail runs through the Sale Area and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

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.

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 Emery Road, Woods Road, and Witty Road 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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 ORV and motorcycle trails 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. The Purchaser will provide these signs.



TIMBER SALE MAP

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

Sale Number

71-011-24

Date

08/28/2024

Forest Management Unit

County

Mapped By: Avery Sanborn

Scale

Page

Of

Roscommon Mgt Unit

Roscommon

Cruised By: Avery Sanborn

1:10,000

1

1

Township
22N

Range
01W

Section(s) and
Subdivision(s) Sec. 22 S1/2NW,S1/2NE,SW,W1/2SE; Sec. 27 NWNW;

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

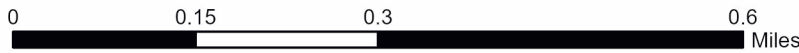
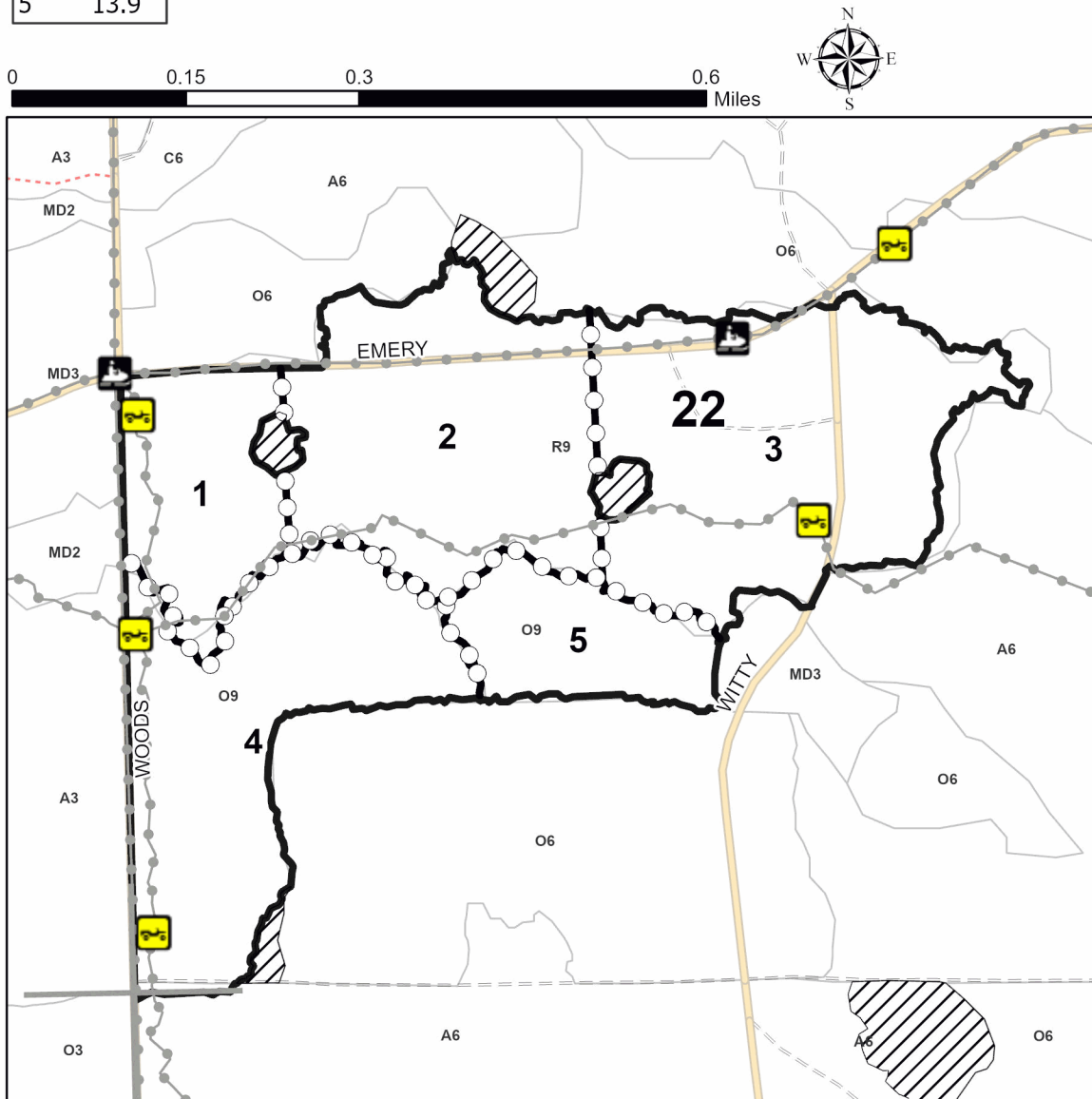
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU # Acres

1	17.4
2	38.3
3	46.2
4	39
5	13.9

Emery Red Pine

154.9 Acres



Legend

- Against State (Red)
- Stand
- Retention Areas
- Payment Unit (Yellow)
- Recreational Trail
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- MIRIS Section Corner

Use QR Code to open Map in App



TIMBER SALE INFORMATION

Monday Morning Aspen (71-015-24)

T24N, R02W, SEC. 32; T24N, R02W, SEC. 33.

Roscommon County (Advertised Price \$34,996.75)

SALE NOTE: Aspen clearcut that is located near the corners of Sawyer Road and Third Lake Road . Oak wilt restrictions have been applied due to residuals oak trees that have been marked to leave.

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. 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		
Black Cherry	6.2 MBF	\$ 169.00 / MBF
Mixed Oak	50.9 MBF	\$ 133.00 / MBF
Quaking Aspen	37.6 MBF	\$ 92.00 / MBF
Red Maple	9.1 MBF	\$ 83.00 / MBF
Red Pine	6.9 MBF	\$ 124.00 / MBF
White Oak	16.3 MBF	\$ 74.00 / MBF
Pulpwood		
Jack Pine	5 Cords	\$ 12.00 / Cord
Mixed Hardwood	210 Cords	\$ 25.05 / Cord
Mixed Oak	145 Cords	\$ 24.10 / Cord
Quaking Aspen	301 Cords	\$ 38.45 / Cord
Red Pine	6 Cords	\$ 44.10 / Cord
White Pine	6 Cords	\$ 41.65 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 27.43 percent. There are an estimated 974 cords on this timber sale, plus or minus 267 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 \$1,750.00 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 12/31/2026.

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
76,970	974	27.43%	707	1,242

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
140	76,970	974	27.43%	707	1,242
TOTAL:	76,970	974		707	1,242

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
140	52.2	1	52.2
TOTAL:	52.2		52.2

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Black Cherry	Sawtimber	6.2	MBF	52.2	\$34,996.75	
	Mixed Oak		50.9	MBF			
	/Red (Hybrid) Oak		8.8	MBF			
	Red Oak		42.1	MBF			
	Quaking Aspen		37.6	MBF			
	Red Maple		9.1	MBF			
	Red Pine		6.9	MBF			
	White Oak		16.3	MBF			
	Jack Pine		Pulpwood	5			Cords
	Jack Pine			2.1			MBF
	Jack Pine	Pulpwood	1	Cords			
	Mixed Hardwood	Sawtimber	210	Cords			
	Black Cherry		28	Cords			
	Red Maple		182	Cords			
	Mixed Oak		145	Cords			
	/Red (Hybrid) Oak		84	Cords			
	Red Oak		38	Cords			
	White Oak		23	Cords			
	Quaking Aspen		301	Cords			
	Red Pine		6	Cords			
White Pine	6		Cords				
White Pine	Sawtimber	2.6	MBF				
White Pine	Pulpwood	1	Cords				
TOTAL:			127.0	MBF			
TOTAL:			673	Cords			

Sale Specific Conditions & Requirements

Sale Name: Monday Morning Aspen

Sale Number: 71-015-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint, with the exception of the boundary along the powerline that is unpainted and designated by the right of way. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH, except do not cut any trees marked with green paint.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

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 Amendment.

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. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (4/24)

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.

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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

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

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

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

5.2.1.8 - 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 the Sale Area, 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. 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 1 brush pile on the ground for every six acres, for a total of 10 piles. They should be placed along the swamp and low ground edge that runs the Northern boundary of the sale. Piles should consist of large diameter pieces of wood on the bottom and smaller diameters on the top to create cavities. They can be of any tree species and can be un-merchantable pieces of wood or full trees.

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

To encourage grouse and other wildlife, in Payment Unit(s) 1, leave one, 12-inch diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. These will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles. This can be an unmerchantable piece or a full tree.

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.

5.2.43 - Opening protection (2/21)

No activities are permitted in openings marked on the Timber Sale Map with the letter "G". Any damage to the openings shall be repaired according to specifications of the Unit Manager or his/her representative.

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.

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 Sawyer Road, Moore Road, Marl Lake Road, and any unnamed state forest roads, 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 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. The Purchaser will provide these signs.



TIMBER SALE MAP

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

Sale Number

71-015-24

Date

08/06/2024

Forest Management Unit

County

Mapped By: Ewald

Roscommon Mgt Unit

Roscommon

Cruised By: Ewald

Scale

1:7,920

Page

1

Of

1

Township
24N

Range
02W

Section(s) and
Subdivision(s) Sec. 32 E1/2SE; Sec. 33 SENW,SWNE,N1/2SW,SWSW,NWSE;

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

Use QR Code to open Map in App

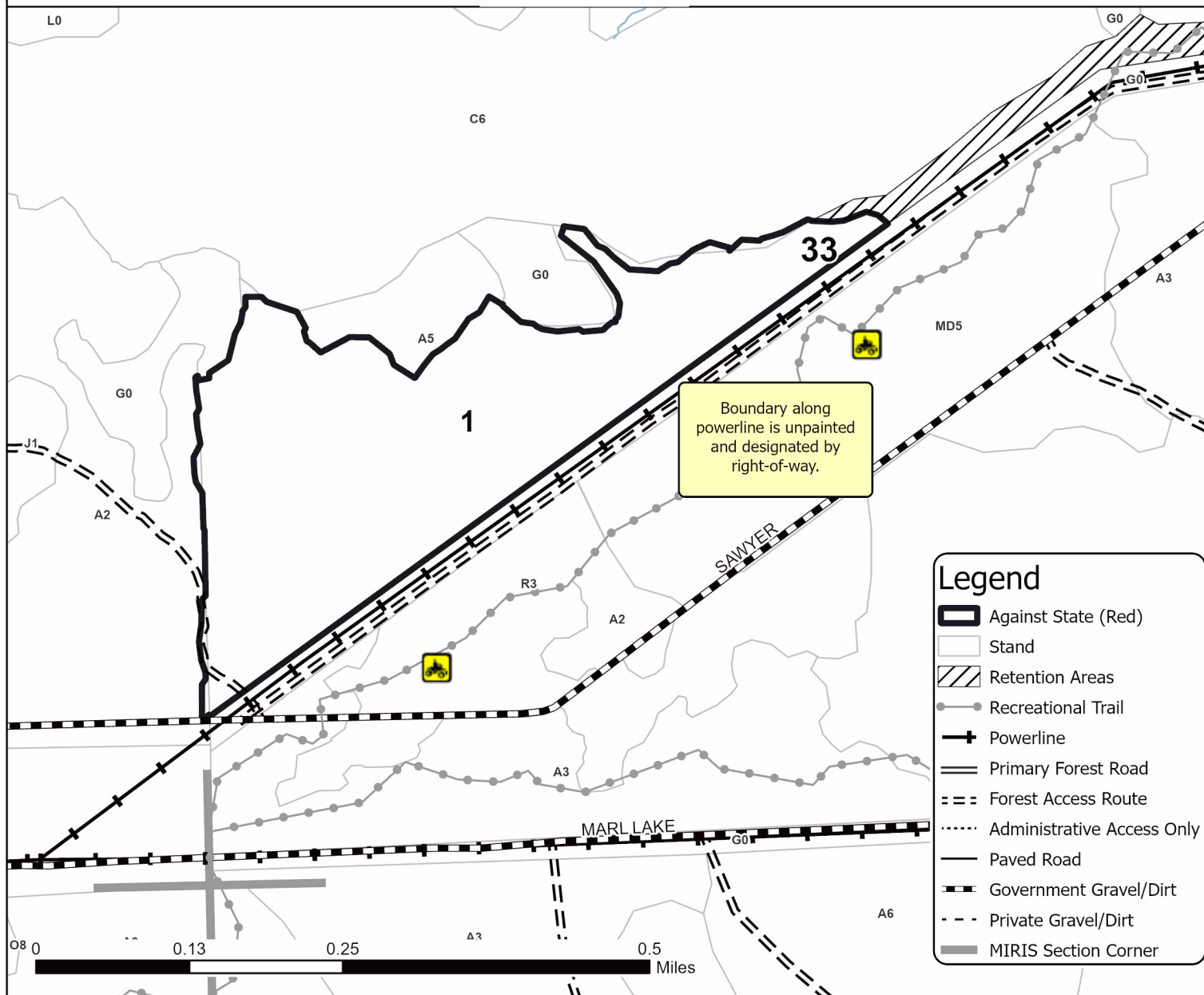


PU # Acres

1 52.2

Monday Morning Aspen

52.2 Acres



Legend

- Against State (Red)
- Stand
- Retention Areas
- Recreational Trail
- Powerline
- Primary Forest Road
- Forest Access Route
- Administrative Access Only
- Paved Road
- Government Gravel/Dirt
- Private Gravel/Dirt
- MIRIS Section Corner

TIMBER SALE INFORMATION

Thumping Red Pine (71-016-24)
 T21N, R03W, SEC. 19; T21N, R03W, SEC. 30.
 Roscommon County (Advertised Price \$127,767.50)

SALE NOTE: A straightforward red pine final harvest. Oak Wilt & Bark Beetle specs will apply. There is a snowmobile trail running through the unit which must be protected. Some above ground gas lines to be aware of.

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. 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		
Mixed Oak	63.4 MBF	\$ 133.00 / MBF
Red Pine	725.0 MBF	\$ 124.00 / MBF
White Pine	78.9 MBF	\$ 84.00 / MBF
Pulpwood		
B. T. Aspen	2 Cords	\$ 38.45 / Cord
Balsam Fir	8 Cords	\$ 23.65 / Cord
Jack Pine	7 Cords	\$ 12.00 / Cord
Mixed Hardwood	17 Cords	\$ 25.05 / Cord
Mixed Oak	162 Cords	\$ 24.10 / Cord
Red Pine	310 Cords	\$ 44.10 / Cord
White Pine	107 Cords	\$ 41.65 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 15.82 percent. There are an estimated 2,644 cords on this timber sale, plus or minus 419 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 \$6,388.00 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	50.8%
02	49.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

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
208,908	2,644	15.82%	2,226	3,063

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
31	208,908	2,644	15.83%	2,226	3,063
TOTAL:	208,908	2,644		2,226	3,063

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
31	88.7	1	45.1
		2	43.6
TOTAL:	88.7		88.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Mixed Oak	Sawtimber	32.2	MBF	45.1	\$64,981.10			
	/Red (Hybrid) Oak		24.6	MBF					
	Northern Pin Oak		7.6	MBF					
	Red Pine		368.6	MBF					
	White Pine		40.1	MBF					
	B. T. Aspen	Pulpwood	1	Cords					
	Balsam Fir		4	Cords					
	Jack Pine		4	Cords					
	Jack Pine	Sawtimber	0.5	MBF					
	Jack Pine	Pulpwood	3	Cords					
	Mixed Hardwood		9	Cords					
	Red Maple	Sawtimber	1.0	MBF					
	Black Cherry	Pulpwood	1	Cords					
	Red Maple		6	Cords					
	Mixed Oak		83	Cords					
	White Oak	Sawtimber	1.3	MBF					
	/Red (Hybrid) Oak	Pulpwood	69	Cords					
	Northern Pin Oak		9	Cords					
	White Oak		2	Cords					
	Red Pine		158	Cords					
	White Pine		54	Cords					
	2	Mixed Oak	Sawtimber	31.2			MBF	43.6	\$62,810.50
		/Red (Hybrid) Oak		23.8			MBF		
Northern Pin Oak			7.4	MBF					
Red Pine			356.4	MBF					
White Pine			38.8	MBF					
B. T. Aspen		Pulpwood	1	Cords					
Balsam Fir			4	Cords					
Jack Pine			3	Cords					
Jack Pine		Sawtimber	0.4	MBF					
Jack Pine		Pulpwood	2	Cords					
Mixed Hardwood			8	Cords					
Red Maple		Sawtimber	0.9	MBF					
Black Cherry		Pulpwood	1	Cords					
Red Maple			5	Cords					
Mixed Oak			80	Cords					
White Oak		Sawtimber	1.3	MBF					
/Red (Hybrid) Oak		Pulpwood	67	Cords					
Northern Pin Oak			9	Cords					
White Oak			1	Cords					
Red Pine			152	Cords					
White Pine			53	Cords					
TOTAL:			867.3	MBF					
TOTAL:			614	Cords					

Sale Specific Conditions & Requirements

Sale Name: Thumping Red Pine

Sale Number: 71-016-24 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. 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, cut all trees that are one (1) inch or more at DBH.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

This area must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 & 2 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

4.1.6 - Road construction (4/24)

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 chipped, utilized or otherwise removed from the sale. 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. 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

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

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

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

The Purchaser is responsible for contacting the gas or pipeline company 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Due to above ground lines and operator safety, an onsite visit with the gas or pipeline company will be required before beginning any operations. Please call Muskegon Development at (989)772-4900 to set up the onsite visit.

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

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

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.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1st. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

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.

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 Grass Lake Road, Rollway Road, and any State Forest Roads, 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail, prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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 71-016-24	Date 08/27/2024
Scale 1:7,920	Page 1
	Of 1

Forest Management Unit Roscommon Mgt Unit	County Roscommon	Mapped By: Doug Tyran
		Cruised By: Doug Tyran

Township 21N	Range 03W	Section(s) and Subdivision(s) Sec. 19 S1/2SW,S1/2SE; Sec. 30 N1/2NW,NWNE;
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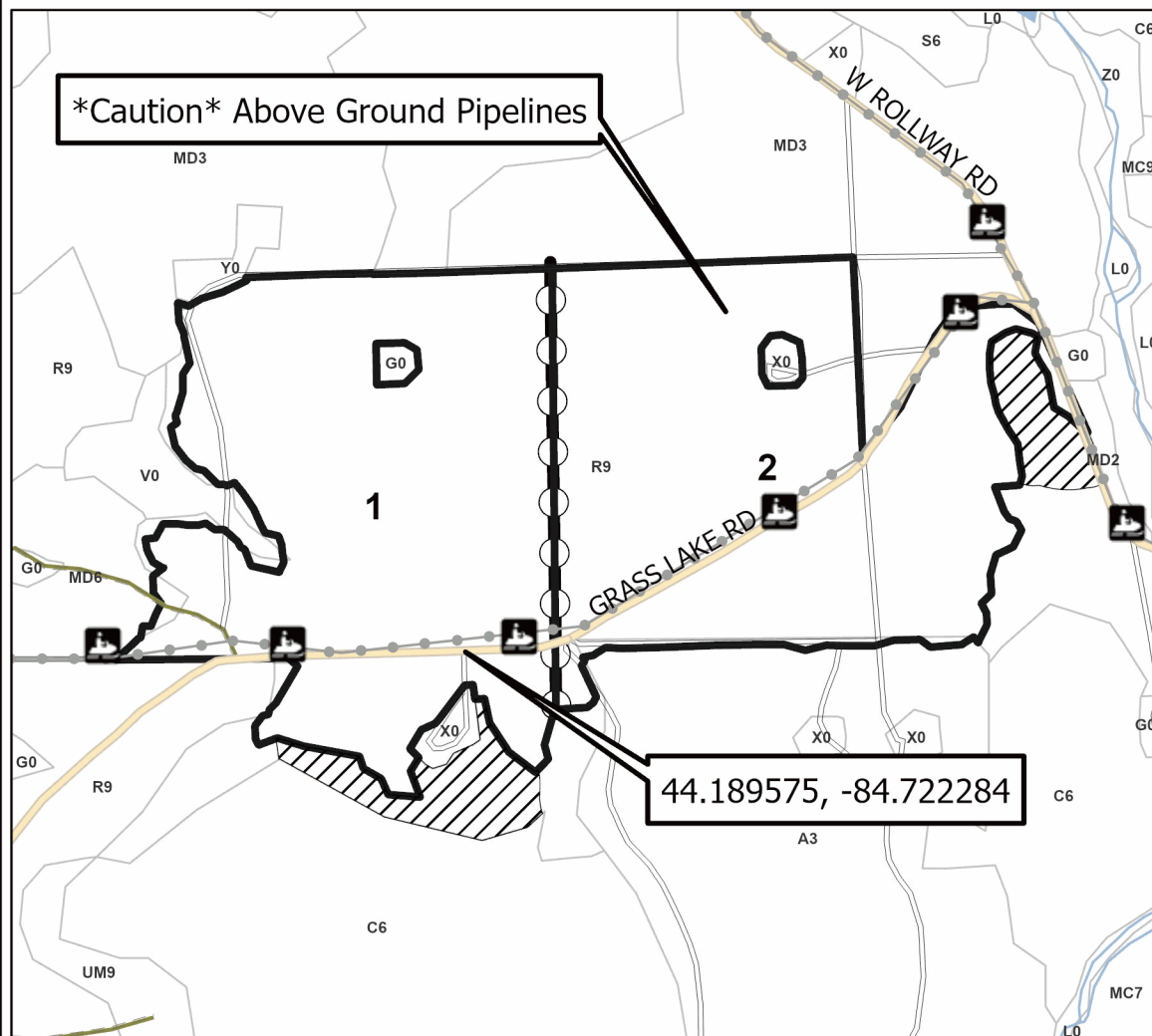
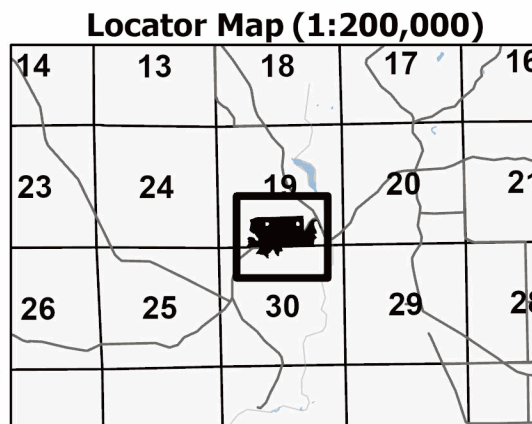
Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, 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	45.1
2	43.6

Thumping Red Pine

88.7 Acres



Legend

- Against State (Red)
- Payment Unit (Yellow)
- Stands
- Retention Areas
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
- Non-DNR Road
- Perennial River

Use QR Code to open Map in App



Emery Red Pine (71-011-24)
T22N, R01W, SEC. 22; T22N, R01W, SEC. 27; Roscommon COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on October 8, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
B. T. Aspen	29.3 MBF	\$ 92.00/MBF	\$ _____
Mixed Oak	240.2 MBF	\$ 133.00/MBF	\$ _____
Red Maple	2.5 MBF	\$ 83.00/MBF	\$ _____
Red Pine	1,080.9 MBF	\$ 124.00/MBF	\$ _____
White Pine	82.5 MBF	\$ 84.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	123 Cords	\$ 38.45/Cord	\$ _____
Mixed Hardwood	82 Cords	\$ 25.05/Cord	\$ _____
Mixed Oak	668 Cords	\$ 24.10/Cord	\$ _____
Red Pine	829 Cords	\$ 44.10/Cord	\$ _____
White Pine	214 Cords	\$ 41.65/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 14.52 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ - _____ or SOCIAL SECURITY NUMBER: _____ - _____ - _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE

Monday Morning Aspen (71-015-24)
T24N, R02W, SEC. 32; T24N, R02W, SEC. 33; Roscommon COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on October 8, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Black Cherry	6.2 MBF	\$ 169.00/MBF	\$ _____
Mixed Oak	50.9 MBF	\$ 133.00/MBF	\$ _____
Quaking Aspen	37.6 MBF	\$ 92.00/MBF	\$ _____
Red Maple	9.1 MBF	\$ 83.00/MBF	\$ _____
Red Pine	6.9 MBF	\$ 124.00/MBF	\$ _____
White Oak	16.3 MBF	\$ 74.00/MBF	\$ _____
Pulpwood			
Jack Pine	5 Cords	\$ 12.00/Cord	\$ _____
Mixed Hardwood	210 Cords	\$ 25.05/Cord	\$ _____
Mixed Oak	145 Cords	\$ 24.10/Cord	\$ _____
Quaking Aspen	301 Cords	\$ 38.45/Cord	\$ _____
Red Pine	6 Cords	\$ 44.10/Cord	\$ _____
White Pine	6 Cords	\$ 41.65/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 27.43 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Thumping Red Pine (71-016-24)
T21N, R03W, SEC. 19; T21N, R03W, SEC. 30; Roscommon COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on October 8, 2024, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Mixed Oak	63.4 MBF	\$ 133.00/MBF	\$ _____
Red Pine	725.0 MBF	\$ 124.00/MBF	\$ _____
White Pine	78.9 MBF	\$ 84.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	2 Cords	\$ 38.45/Cord	\$ _____
Balsam Fir	8 Cords	\$ 23.65/Cord	\$ _____
Jack Pine	7 Cords	\$ 12.00/Cord	\$ _____
Mixed Hardwood	17 Cords	\$ 25.05/Cord	\$ _____
Mixed Oak	162 Cords	\$ 24.10/Cord	\$ _____
Red Pine	310 Cords	\$ 44.10/Cord	\$ _____
White Pine	107 Cords	\$ 41.65/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 15.82 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE

