



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7547**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on January 14, 2025.

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:

WOC Aspen (71-010-24) / T24N, R02E, SEC. 14, NE.

T24N, R02E, SEC. 23, SW.

T24N, R02E, SEC. 26, NWNW.

Ogemaw County, Advertised Price \$182,928.60, 114.9 Acres, Aspen, Hardwood.

Drill Rig Aspen Jack (71-019-24) / T24N, R02W, SEC. 19, NESE,S1/2SE.

T24N, R02W, SEC. 20, E1/2NW,SWSW.

Roscommon County, Advertised Price \$40,678.05, 51.7 Acres, Aspen, Jack Pine.

SALE NOTE: Aspen and Jack Pine sale located just south of Robinson Lake Rd East of M-18.

St Helen Jack (71-023-24) / T23N, R01E, SEC. 28, NWSW.

T23N, R01E, SEC. 29, NW,NE,W1/2SW,SE.

Ogemaw County, Advertised Price \$41,073.75, 350.1 Acres, Jack Pine, Hardwood.

SALE NOTE: Sale consists primarily of jack pine with trace amounts of cherry, red pine, and oak approximately 3 miles East of the city of St Helen, MI.

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.

Lost Corner Oak (71-028-24) / T24N, R02W, SEC. 31, S1/2NW.

T24N, R03W, SEC. 36, S1/2NE,NWSE.

Roscommon County, Advertised Price \$18,758.70, 36.3 Acres, Hardwood, Aspen.

SALE NOTE: Three oak thinning units located just off of M-18. Oak wilt restrictions apply.

## 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 January 14, 2025. 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](http://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](http://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

### WOC Aspen (71-010-24)

T24N, R02E, SEC. 14; T24N, R02E, SEC. 23; T24N, R02E, SEC. 26.  
Ogemaw County (Advertised Price \$182,928.60)

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>		
B. T. Aspen	159.6 MBF	\$ 87.00 / MBF
Black Cherry	14.0 MBF	\$ 165.00 / MBF
Quaking Aspen	243.5 MBF	\$ 87.00 / MBF
Red Maple	15.2 MBF	\$ 79.00 / MBF
Red Oak	25.3 MBF	\$ 141.00 / MBF
Red Pine	10.8 MBF	\$ 125.00 / MBF
<b>Pulpwood</b>		
Jack Pine	7 Cords	\$ 11.30 / Cord
Mixed Aspen	3,249 Cords	\$ 38.50 / Cord
Mixed Hardwood	491 Cords	\$ 26.05 / Cord
Mixed Oak	37 Cords	\$ 25.05 / Cord
Red Pine	7 Cords	\$ 50.15 / Cord
White Pine	5 Cords	\$ 39.35 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 17.34 percent. There are an estimated 4,894 cords on this timber sale, plus or minus 849 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

### **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$9,146.00 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	30.4%
02	26.7%
03	11.2%
04	16.6%
05	15.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2027.

### **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

### **SALE VOLUMES**

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
386,620	4,894	17.34%	4,045	5,743

**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
56	223,648	2,831	23.75%	2,159	3,503
86	162,972	2,063	25.61%	1,535	2,591
<b>TOTAL:</b>	<b>386,620</b>	<b>4,894</b>		<b>3,693</b>	<b>6,094</b>

**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
56	74.1	1	39.5
56	74.1	2	34.6
86	40.8	3	10.6
86	40.8	4	15.8
86	40.8	5	14.4
<b>TOTAL:</b>	<b>270.6</b>		<b>114.9</b>

**DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	B. T. Aspen	Sawtimber	55.3	MBF	39.5	\$55,694.85	
	Black Cherry		3.7	MBF			
	<i>Black Cherry</i>		2.4	MBF			
	<i>Pin Cherry</i>		1.3	MBF			
	Quaking Aspen		59.9	MBF			
	Red Maple		3.0	MBF			
	Red Pine		2.8	MBF			
	Mixed Aspen		Pulpwood	1,022			Cords
	<i>B. T. Aspen</i>			596			Cords
	<i>Quaking Aspen</i>			426			Cords
	Mixed Hardwood			193			Cords
	<i>Black Cherry</i>			44			Cords
	<i>Pin Cherry</i>			13			Cords
	<i>Red Maple</i>			133			Cords
	<i>æberry (Juneberry)</i>			3			Cords
	Red Pine			2			Cords
2	B. T. Aspen	Sawtimber		48.5	MBF	34.6	\$48,779.80
	Black Cherry		3.2	MBF			
	<i>Black Cherry</i>		2.1	MBF			
	<i>Pin Cherry</i>		1.1	MBF			
	Quaking Aspen		52.4	MBF			
	Red Maple		2.7	MBF			
	Red Pine		2.3	MBF			
	Mixed Aspen		Pulpwood	896	Cords		
	<i>B. T. Aspen</i>			523	Cords		
	<i>Quaking Aspen</i>			373	Cords		
	Mixed Hardwood			168	Cords		
	<i>Black Cherry</i>			38	Cords		
	<i>Pin Cherry</i>			12	Cords		
	<i>Red Maple</i>			116	Cords		
	<i>æberry (Juneberry)</i>			2	Cords		
	Red Pine			2	Cords		
3	B. T. Aspen	Sawtimber		14.5	MBF	10.6	\$20,401.55
	Black Cherry		1.9	MBF			
	<i>Black Cherry</i>		0.7	MBF			
	<i>Pin Cherry</i>		1.2	MBF			
	Quaking Aspen		34.1	MBF			
	Red Maple		2.5	MBF			
	Red Oak		6.6	MBF			
	Red Pine		1.5	MBF			
	Jack Pine		Pulpwood	2	Cords		
	Mixed Aspen			346	Cords		
	<i>B. T. Aspen</i>			161	Cords		
	<i>Quaking Aspen</i>			185	Cords		
	Mixed Hardwood			34	Cords		
	<i>Black Cherry</i>			1	Cords		
	<i>Pin Cherry</i>			11	Cords		
	<i>Red Maple</i>			22	Cords		
	Mixed Oak			9	Cords		
	<i>/Red (Hybrid) Oak</i>			3	Cords		
	<i>Red Oak</i>		6	Cords			
	Red Pine		1	Cords			
White Pine	1	Cords					
4	B. T. Aspen	Sawtimber	21.6	MBF	15.8	\$30,380.05	
	Black Cherry		2.7	MBF			
	<i>Black Cherry</i>		1.0	MBF			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Pin Cherry</i>	<i>Sawtimber</i>	1.7	<i>MBF</i>		
	Quaking Aspen		50.8	MBF		
	Red Maple		3.6	MBF		
	Red Oak		9.8	MBF		
	Red Pine		2.2	MBF		
	Jack Pine	Pulpwood	3	Cords		
	Mixed Aspen		515	Cords		
	<i>B. T. Aspen</i>		239	<i>Cords</i>		
	<i>Quaking Aspen</i>		276	<i>Cords</i>		
	Mixed Hardwood		51	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Pin Cherry</i>		17	<i>Cords</i>		
	<i>Red Maple</i>		32	<i>Cords</i>		
	Mixed Oak		15	Cords		
	<i>/Red (Hybrid) Oak</i>		5	<i>Cords</i>		
	<i>Red Oak</i>		10	<i>Cords</i>		
	Red Pine		1	Cords		
	White Pine		2	Cords		
5	B. T. Aspen	Sawtimber	19.7	MBF	14.4	\$27,672.35
	Black Cherry		2.5	MBF		
	<i>Black Cherry</i>		0.9	<i>MBF</i>		
	<i>Pin Cherry</i>		1.6	<i>MBF</i>		
	Quaking Aspen		46.3	MBF		
	Red Maple		3.4	MBF		
	Red Oak		8.9	MBF		
	Red Pine		2.0	MBF		
	Jack Pine	Pulpwood	2	Cords		
	Mixed Aspen		470	Cords		
	<i>B. T. Aspen</i>		218	<i>Cords</i>		
	<i>Quaking Aspen</i>		252	<i>Cords</i>		
	Mixed Hardwood		45	Cords		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	<i>Pin Cherry</i>		15	<i>Cords</i>		
	<i>Red Maple</i>		29	<i>Cords</i>		
	Mixed Oak		13	Cords		
	<i>/Red (Hybrid) Oak</i>		4	<i>Cords</i>		
	<i>Red Oak</i>		9	<i>Cords</i>		
	Red Pine		1	Cords		
White Pine		2	Cords			
TOTAL:			468.4	MBF		
TOTAL:			3,796	Cords		



# Sale Specific Conditions & Requirements

**Sale Name: WOC Aspen**

**Sale Number: 71-010-24 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 blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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) 1-5, cut all trees that are two (2) inches or more at DBH, , except do not cut any oak in Payment Units 1 and 2.

### 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 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, should chipping occur in any Payment Unit, it must be done before sprouting of new regeneration. If more than 33% of the newly sprouted tree seedlings within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 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 Payment Units 1 and 2, 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. 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. 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. The Unit Manager or his/her representative must be contacted at least 2 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 1 day 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. If not chipped, slash shall not be left in windrows, but shall be spread evenly throughout the harvested area.

##### 5.2.3 - Operating Restrictions

###### 5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Units 1 and 2, cutting, skidding, and hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

###### 5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit 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. 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. Should damages occur to the new regeneration, the damages will be assessed per Specification 3.4.1 - Damaged Timber. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location, preferably the landing. A third-party entity may be brought in to chip the tops/slash, before new sprouting occurs, should the contract holder fail to present in a timely manner arrangements approved by the Unit

Manager for protecting the new regeneration. The Unit Manager or his/her representative may also cease such operations if sprouting occurs before the operation is complete and the Payment Unit(s) will be counted as incomplete with liquidated damages assessed accordingly.

#### 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 9 inch diameter or larger log size pieces on the ground for every four acres. They should be scattered throughout the sale or positioned per the Sale Administrator's 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.

##### 5.2.32 - 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

##### 5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.



### TIMBER SALE MAP

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

Sale Number

**71-010-24**

Date

09/09/2024

Forest Management Unit

County

Mapped By: Martell

Scale

Page

Of

Roscommon Mgt Unit

Ogemaw

Cruised By: Sanborn

1:10,000

2

2

Township  
24N

Range  
02E

Section(s) and  
Subdivision(s) Sec. 14 NE; Sec. 23 SW; Sec. 26 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

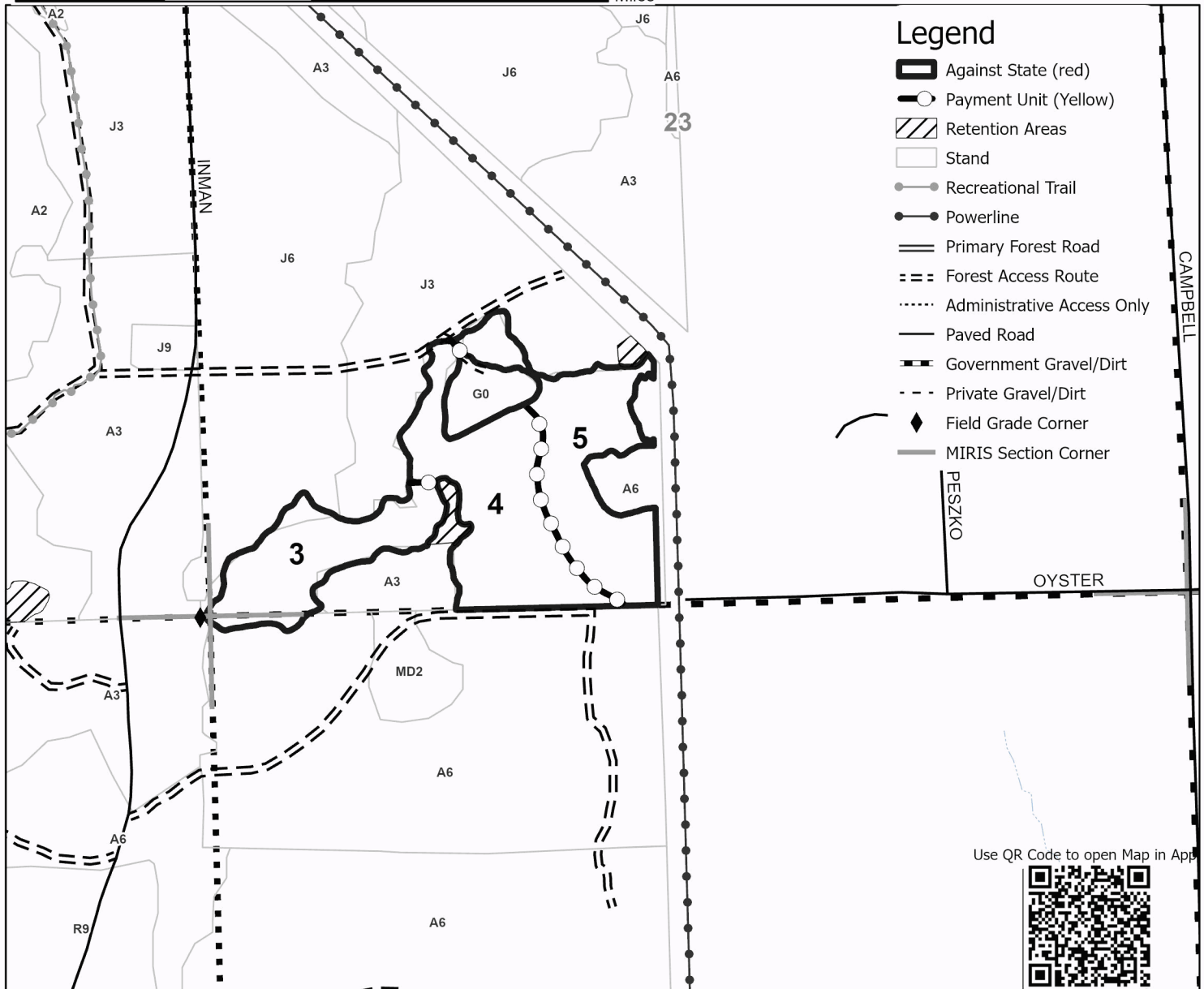
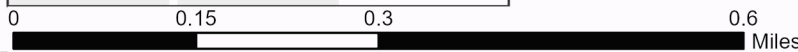
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Mixedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well



PU #	Acres	PU #	Acres	PU #	Acres
1	39.5	3	10.6	5	14.4
2	34.5	4	15.9		

### WOC Aspen

**114.9 Acres**



Use QR Code to open Map in App





### TIMBER SALE MAP

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

Sale Number <b>71-010-24</b>	Date 09/12/2024
Scale 1:15,840	Page 1
	Of 2

Forest Management Unit Roscommon Mgt Unit	County Ogemaw	Mapped By: Martell Cruised By: Sanborn
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Township 24N	Range 02E	Section(s) and Subdivision(s) Sec. 14 NE; Sec. 23 SW; Sec. 26 NWNW;
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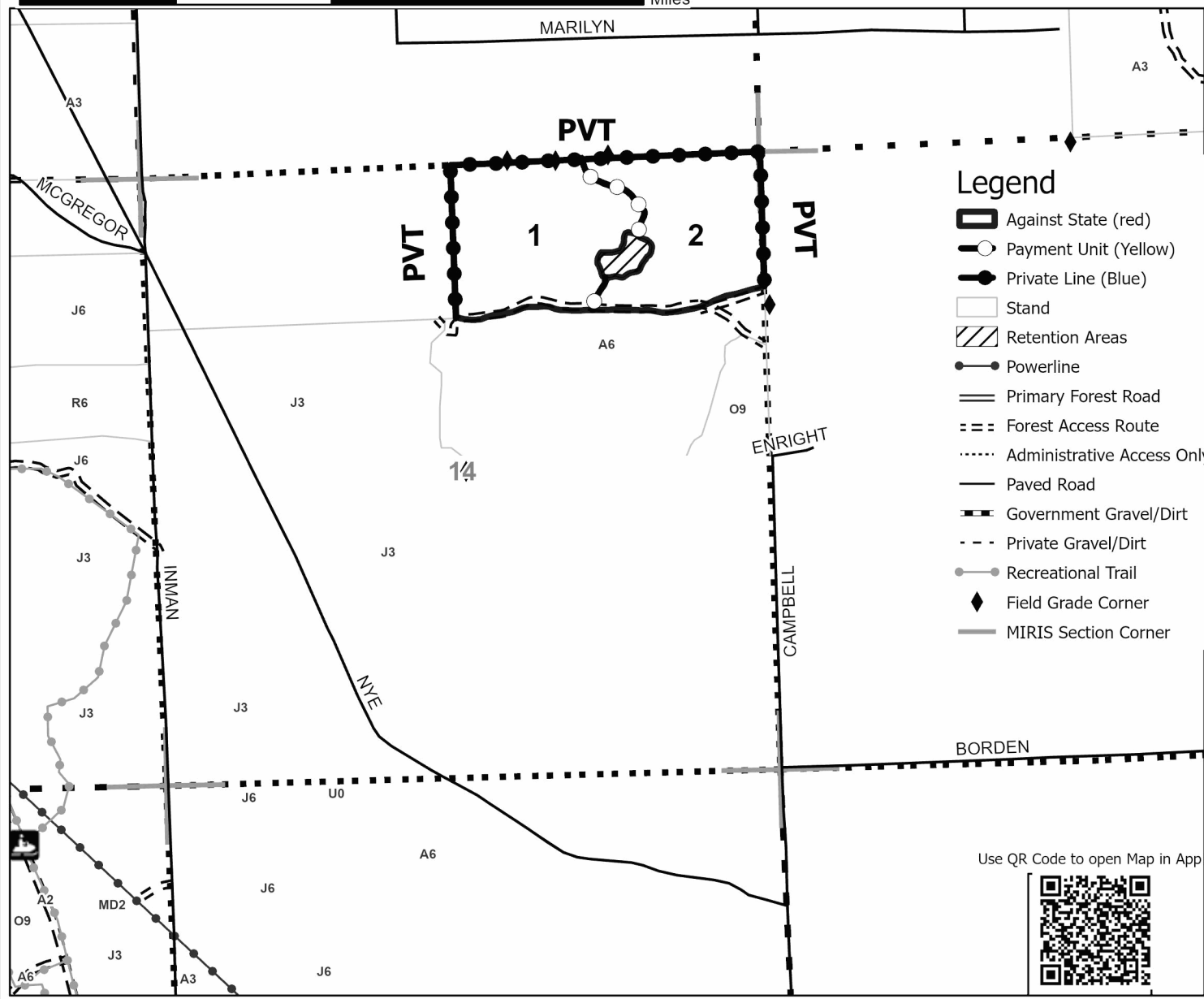
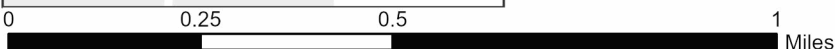
Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, 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	PU #	Acres	PU #	Acres
1	39.5	3	10.6	5	14.4
2	34.5	4	15.9		

## WOC Aspen 114.9 Acres



Use QR Code to open Map in App





## TIMBER SALE INFORMATION

Drill Rig Aspen Jack (71-019-24)  
T24N, R02W, SEC. 19; T24N, R02W, SEC. 20.  
Roscommon County (Advertised Price \$40,678.05)

SALE NOTE: Aspen and Jack Pine sale located just south of Robinson Lake Rd East of M-18.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	87.4 MBF	\$ 87.00 / MBF
Black/Red (Hybrid) Oak	43.6 MBF	\$ 135.00 / MBF
Jack Pine	21.3 MBF	\$ 47.00 / MBF
Red Pine	13.9 MBF	\$ 125.00 / MBF
White Pine	65.7 MBF	\$ 79.00 / MBF
Pulpwood		
B. T. Aspen	254 Cords	\$ 38.50 / Cord
Balsam Fir	11 Cords	\$ 23.30 / Cord
Black Spruce	12 Cords	\$ 24.60 / Cord
Jack Pine	186 Cords	\$ 11.30 / Cord
Mixed Oak	112 Cords	\$ 25.05 / Cord
Red Maple	4 Cords	\$ 26.05 / Cord
Red Pine	2 Cords	\$ 50.15 / Cord
White Pine	97 Cords	\$ 39.35 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 23.96 percent. There are an estimated 1,223 cords on this timber sale, plus or minus 293 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 \$2,034.00 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	30.5%
02	69.5%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2027.

### **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

### **SALE VOLUMES**

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
96,584	1,223	23.96%	930	1,516

## 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
8	38,322	485	30.67%	336	634
45	58,262	737	34.76%	481	994
<b>TOTAL:</b>	<b>96,584</b>	<b>1,223</b>		<b>817</b>	<b>1,628</b>

## 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
8	22.7	1	22.7
45	29.0	2	29.0
<b>TOTAL:</b>	<b>51.7</b>		<b>51.7</b>

## DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid)	Sawtimber	18.3	MBF	22.7	\$12,388.10
	Jack Pine		21.3	MBF		
	White Pine		41.1	MBF		
	Balsam Fir	Pulpwood	11	Cords		
	Black Spruce		12	Cords		
	Black Spruce	Sawtimber	4.9	MBF		
	Black Spruce	Pulpwood	2	Cords		
	Jack Pine		186	Cords		
	Mixed Oak		22	Cords		
	/Red (Hybrid) Oak		22	Cords		
	Red Maple		4	Cords		
	White Pine		60	Cords		
2	B. T. Aspen	Sawtimber	87.4	MBF	29.0	\$28,289.95
	Black/Red (Hybrid)		25.3	MBF		
	Red Pine		13.9	MBF		
	White Pine		24.6	MBF		
	B. T. Aspen	Pulpwood	254	Cords		
	Mixed Oak		90	Cords		
	White Oak	Sawtimber	4.4	MBF		
	/Red (Hybrid) Oak	Pulpwood	71	Cords		
	White Oak		10	Cords		
	Red Pine		2	Cords		
White Pine		37	Cords			
TOTAL:			231.9	MBF		
TOTAL:			678	Cords		



# Sale Specific Conditions & Requirements

**Sale Name: Drill Rig Aspen Jack**

**Sale Number: 71-019-24 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 line against private property is along the southern boundary of Payment Unit 2, which is unpainted and designated by the powerline right of way and the dirt road. Exterior sale boundary lines against state are marked with red paint with the exception of the eastern boundaries of Payment Units 1 and 2, which are unpainted and designated by Lyman Road and Riverside Lane. 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 and 2, 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 Payment Unit 1 shall not exceed 6 inches for all trees. This is in order to facilitate cultivation operations.

#### 2.2.9 - No Chipping Permitted (12/08)

Within Payment Unit(s) 1, tops may not be chipped.

## 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.

## 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. 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. 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.

#### 5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for 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 24 inches in height.

##### 5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Unit 1 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### 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 2, 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 Payment Unit 2 must be completed before significant aspen sprouting occurs 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

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

To encourage grouse and other wildlife, in Payment Unit(s) 2, 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.

#### 5.2.43 - 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 Lyman Road, Riverside Lane, and Robinson Lake 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.



### TIMBER SALE MAP

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

Sale Number <b>71-019-24</b>	Date 09/19/2024
Scale 1:15,840	Page 1
	Of 1

Forest Management Unit Roscommon Mgt Unit	County Roscommon	Mapped By: Ewald
		Cruised By: Ewald

Township 24N	Range 02W	Section(s) and Subdivision(s) Sec. 19 NESE,S1/2SE; Sec. 20 E1/2NW,SWSW;
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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		

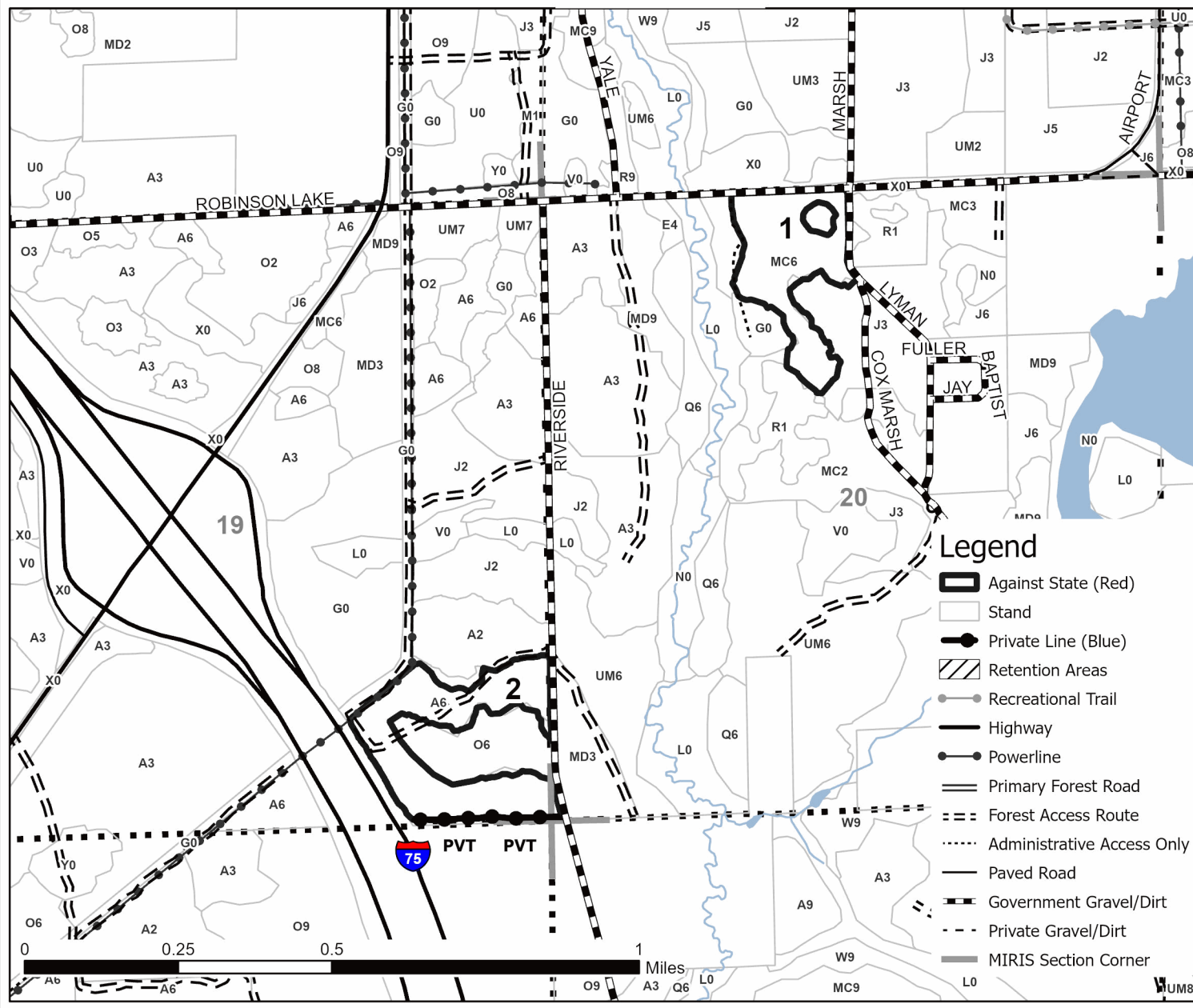
Density	
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres
1	22.7
2	29

## Drill Rig Aspen Jack 51.7 Acres



Use QR Code to open Map in App



## TIMBER SALE INFORMATION

St Helen Jack (71-023-24)

T23N, R01E, SEC. 28; T23N, R01E, SEC. 29.  
Ogemaw County (Advertised Price \$41,073.75)

SALE NOTE: Sale consists primarily of jack pine with trace amounts of cherry, red pine, and oak approximately 3 miles East of the city of St Helen, MI.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Black/Red (Hybrid) Oak	35.8 MBF	\$ 135.00 / MBF
Jack Pine	156.1 MBF	\$ 47.00 / MBF
Pulpwood		
Black/Red (Hybrid) Oak	92 Cords	\$ 25.05 / Cord
Jack Pine	2,197 Cords	\$ 11.30 / Cord
Pin Cherry	158 Cords	\$ 3.00 / Cord
Quaking Aspen	9 Cords	\$ 38.50 / Cord
Red Pine	19 Cords	\$ 50.15 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 14.53 percent. There are an estimated 2,929 cords on this timber sale, plus or minus 426 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 \$2,054.00 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	9.1%
02	26.2%
03	64.7%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2026.

### **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
231,364	2,929	14.53%	2,503	3,354

**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
15	231,364	2,929	14.54%	2,503	3,354
<b>TOTAL:</b>	<b>231,364</b>	<b>2,929</b>		<b>2,503</b>	<b>3,354</b>

**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
15	350.1	1	32.3
15	350.1	2	91.9
15	350.1	3	225.9
<b>TOTAL:</b>	<b>1,050.3</b>		<b>350.1</b>

**DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid	Sawtimber	3.3	MBF	32.3	\$3,750.25
	Jack Pine		14.4	MBF		
	Black/Red (Hybrid	Pulpwood	8	Cords		
	Jack Pine		203	Cords		
	Pin Cherry		15	Cords		
	<i>Pin Cherry</i>	<i>Sawtimber</i>	<i>0.3</i>	<i>MBF</i>		
	<i>Pin Cherry</i>	<i>Pulpwood</i>	<i>14</i>	<i>Cords</i>		
	Quaking Aspen		1	Cords		
	Red Pine		1	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	<i>0.7</i>	<i>MBF</i>		
2	Black/Red (Hybrid	Sawtimber	9.4	MBF	91.9	\$10,771.05
	Jack Pine		41.0	MBF		
	Black/Red (Hybrid	Pulpwood	24	Cords		
	Jack Pine		577	Cords		
	Pin Cherry		42	Cords		
	<i>Pin Cherry</i>	<i>Sawtimber</i>	<i>0.8</i>	<i>MBF</i>		
	<i>Pin Cherry</i>	<i>Pulpwood</i>	<i>40</i>	<i>Cords</i>		
	Quaking Aspen		2	Cords		
	Red Pine		5	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	<i>2.0</i>	<i>MBF</i>		
<i>Red Pine</i>	<i>Pulpwood</i>	<i>1</i>	<i>Cords</i>			
3	Black/Red (Hybrid	Sawtimber	23.1	MBF	225.9	\$26,555.45
	Jack Pine		100.7	MBF		
	Black/Red (Hybrid	Pulpwood	60	Cords		
	Jack Pine		1,417	Cords		
	Pin Cherry		102	Cords		
	<i>Pin Cherry</i>	<i>Sawtimber</i>	<i>1.9</i>	<i>MBF</i>		
	<i>Pin Cherry</i>	<i>Pulpwood</i>	<i>98</i>	<i>Cords</i>		
	Quaking Aspen		6	Cords		
	Red Pine		13	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	<i>5.0</i>	<i>MBF</i>		
<i>Red Pine</i>	<i>Pulpwood</i>	<i>3</i>	<i>Cords</i>			
TOTAL:			191.9	MBF		
TOTAL:			2,476	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: St Helen Jack**

**Sale Number: 71-023-24 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 blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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) 1-3, cut all trees that are two (2) inches or more at DBH, .

### 2.2 - Utilization

#### 2.2.2 - Chipping required (2/18)

Payment Unit(s) 1-3 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. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping in order to minimize the amount of residual slash. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the Sale Administrator. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. If market conditions limit the practicality of chipping, the Producer may skid all remaining topwood out of these Payment Units and scatter in locations approved by the Sale Administrator. If the deadline is not met, damages will be collected determined by the cost to complete this work. 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. 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) 3 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 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. 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 5 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.

#### 5.2.32 - 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.

#### 5.2.41 - 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. 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 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.

### 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.

### 5.7 - Protection of Historical Sites

#### 5.7.2 - Potential historical site(s) (9/06)

The State Historic Preservation Office has identified the potential for a historic site within the boundary of this timber sale. Note that if the site is discovered during operations, General Condition and Requirement 5.7 - Protection of Historical Sites will apply.

### **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 all county roads adjacent to the Sale Area 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 shown on the Timber Sale Map 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 <b>71-023-24</b>	Date 09/24/2024
Scale 1:15,840	Page 1
	Of 1

Forest Management Unit Roscommon Mgt Unit	County Ogemaw	Mapped By: Avery Sanborn
		Cruised By: Avery Sanborn

Township 23N	Range 01E	Section(s) and Subdivision(s) Sec. 28 NWSW; Sec. 29 NW,NE,W1/2SW,SE;
-----------------	--------------	--

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		

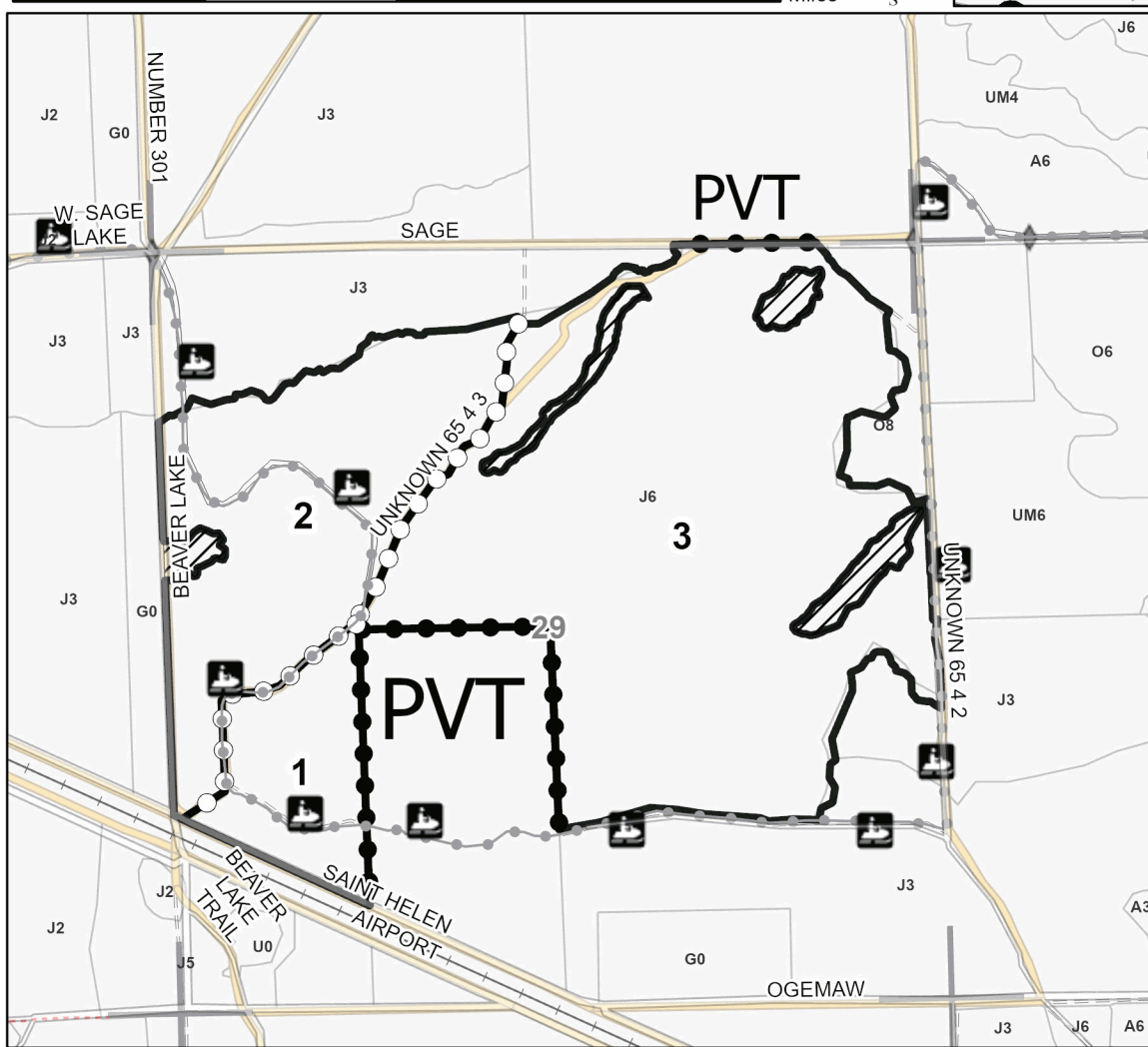
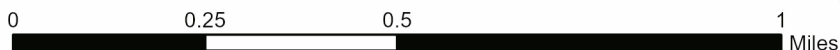
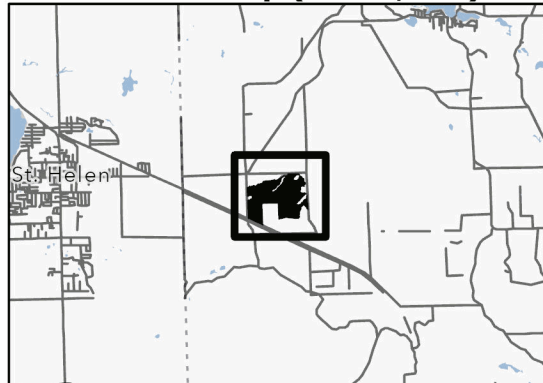
Density	
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres
1	32.3
2	91.8
3	225.9

## St Helen Jack

### 350.1 Acres

### Locator Map (1:200,000)



### Legend

- Against State (Red)
- Stand
- Retention Areas
- Payment Unit (Yellow)
- Private Line (Blue)
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- Active Railroad
- Snowmobile
- Field Grade Corner
- MIRIS Section Corner
- Sections

Use QR Code to open Map in App





## TIMBER SALE INFORMATION

Lost Corner Oak (71-028-24)  
T24N, R02W, SEC. 31; T24N, R03W, SEC. 36.  
Roscommon County (Advertised Price \$18,758.70)

SALE NOTE: Three oak thinning units located just off of M-18. Oak wilt restrictions apply.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	51.5 MBF	\$ 87.00 / MBF
Black/Red (Hybrid) Oak	29.5 MBF	\$ 135.00 / MBF
Red Maple	5.4 MBF	\$ 79.00 / MBF
Red Oak	21.8 MBF	\$ 141.00 / MBF
White Oak	2.5 MBF	\$ 74.00 / MBF
White Pine	1.5 MBF	\$ 81.00 / MBF
Pulpwood		
B. T. Aspen	49 Cords	\$ 38.50 / Cord
Mixed Oak	100 Cords	\$ 25.05 / Cord
Red Maple	79 Cords	\$ 26.05 / Cord
White Pine	1 Cords	\$ 39.35 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 24.72 percent. There are an estimated 489 cords on this timber sale, plus or minus 121 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 \$938.00 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	51.3%
02	20.2%
03	28.5%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2027.

### **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

### **SALE VOLUMES**

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
38,645	489	24.72%	368	610

## 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
156	18,223	231	33.20%	154	307
160	8,395	106	69.49%	32	180
180	12,027	152	44.23%	85	220
<b>TOTAL:</b>	<b>38,645</b>	<b>489</b>		<b>271</b>	<b>707</b>

## 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
156	20.2	1	20.2
160	6.1	2	6.1
180	10.0	3	10.0
<b>TOTAL:</b>	<b>36.3</b>		<b>36.3</b>

## DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	1.4	MBF	20.2	\$9,620.05
	Black/Red (Hybrid		23.1	MBF		
	Red Maple		3.6	MBF		
	Red Oak		21.8	MBF		
	White Oak		2.5	MBF		
	White Pine		1.5	MBF		
	B. T. Aspen		Pulpwood	1		
	Mixed Oak	72		Cords		
	/Red (Hybrid) Oak	47		Cords		
	Red Oak	23		Cords		
	White Oak	2		Cords		
	Red Maple	32		Cords		
	White Pine	1	Cords			
2	B. T. Aspen	Sawtimber	25.3	MBF	6.1	\$3,787.15
	Red Maple		1.8	MBF		
	B. T. Aspen	Pulpwood	26	Cords		
	Red Maple		17	Cords		
3	B. T. Aspen	Sawtimber	24.8	MBF	10.0	\$5,351.50
	Black/Red (Hybrid		6.4	MBF		
	B. T. Aspen	Pulpwood	22	Cords		
	Mixed Oak		28	Cords		
	/Red (Hybrid) Oak		28	Cords		
	Red Maple		30	Cords		
TOTAL:			112.2	MBF		
TOTAL:			229	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: Lost Corner Oak**

**Sale Number: 71-028-24 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 blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint, with the exception of the eastern boundary of Payment Unit 1 and the western boundary of Payment Unit 2 which are unpainted and designated by the powerline rights-of-way. The painted boundary line trees are not Included Timber and are to be protected.

## 2 - Timber Specifications

### 2.1 - Included Timber

#### 2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

#### 2.1.4 - Designated Timber Unit(s) (6/17)

Within Payment Unit(s) 2 and 3, all aspen and red maple are designated for cutting, regardless of merchantability. In addition, within Payment Unit 3 oak trees that are marked in orange paint are designated for cutting, 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. 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. 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. 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 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 prior to operating equipment in the vicinity of well heads or natural gas pipelines.

#### 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.

#### 5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for 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 24 inches in height.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within the Sale Area, cutting, skidding, and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt. Hauling may be permitted if steps are taken to brush the access route prior to the April 15 to July 15 restriction period.

#### 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.

## **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 M-18 prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



### TIMBER SALE MAP

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

Sale Number <b>71-028-24</b>	Date 09/26/2024
Scale 1:7,920	Page 1
	Of 1

Forest Management Unit Roscommon Mgt Unit	County Roscommon	Mapped By: Ewald
		Cruised By: Ewald

Township 24N	Range 02W / 03W	Section(s) and Subdivision(s) Sec. 31 S1/2NW; Sec. 36 S1/2NE,NWSE;
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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		

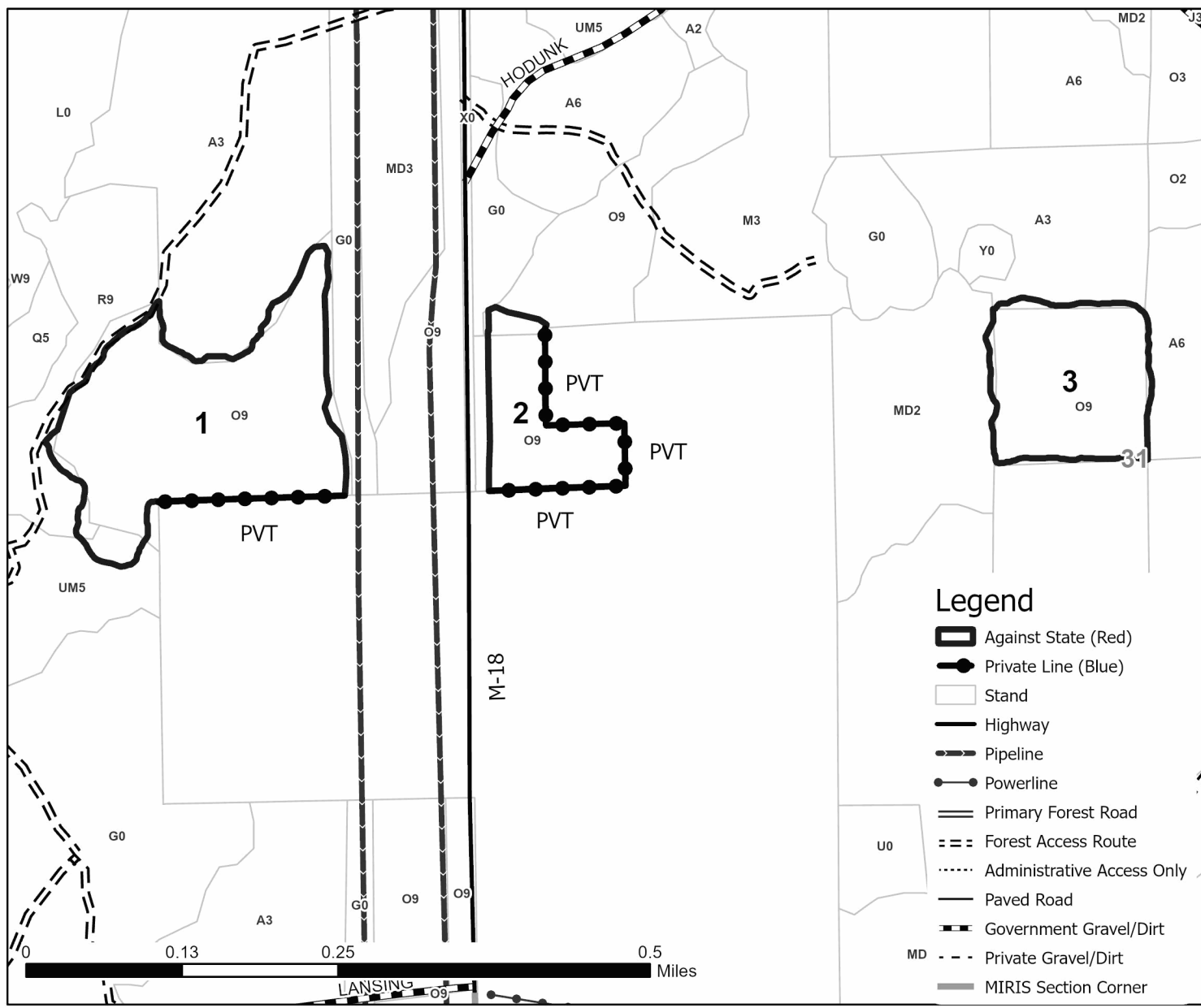
Density	
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

Use QR Code to open Map in App



PU #	Acres	PU #	Acres
1	20.2	3	10
2	6.1		

## Lost Corner Oak 36.3 Acres



WOC Aspen (71-010-24)

T24N, R02E, SEC. 14; T24N, R02E, SEC. 23; T24N, R02E, SEC. 26; Ogemaw

In response to the notice of sale to be held 9:00 a.m. (local time) on January 14, 2025, 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 &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
B. T. Aspen	159.6 MBF	\$ 87.00/MBF	\$ _____
Black Cherry	14.0 MBF	\$ 165.00/MBF	\$ _____
Quaking Aspen	243.5 MBF	\$ 87.00/MBF	\$ _____
Red Maple	15.2 MBF	\$ 79.00/MBF	\$ _____
Red Oak	25.3 MBF	\$ 141.00/MBF	\$ _____
Red Pine	10.8 MBF	\$ 125.00/MBF	\$ _____
<b>Pulpwood</b>			
Jack Pine	7 Cords	\$ 11.30/Cord	\$ _____
Mixed Aspen	3,249 Cords	\$ 38.50/Cord	\$ _____
Mixed Hardwood	491 Cords	\$ 26.05/Cord	\$ _____
Mixed Oak	37 Cords	\$ 25.05/Cord	\$ _____
Red Pine	7 Cords	\$ 50.15/Cord	\$ _____
White Pine	5 Cords	\$ 39.35/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 17.34 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

Drill Rig Aspen Jack (71-019-24)  
T24N, R02W, SEC. 19; T24N, R02W, SEC. 20; Roscommon COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on January 14, 2025, 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 &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
B. T. Aspen	87.4 MBF	\$ 87.00/MBF	\$ _____
Black/Red (Hybrid) Oak	43.6 MBF	\$ 135.00/MBF	\$ _____
Jack Pine	21.3 MBF	\$ 47.00/MBF	\$ _____
Red Pine	13.9 MBF	\$ 125.00/MBF	\$ _____
White Pine	65.7 MBF	\$ 79.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	254 Cords	\$ 38.50/Cord	\$ _____
Balsam Fir	11 Cords	\$ 23.30/Cord	\$ _____
Black Spruce	12 Cords	\$ 24.60/Cord	\$ _____
Jack Pine	186 Cords	\$ 11.30/Cord	\$ _____
Mixed Oak	112 Cords	\$ 25.05/Cord	\$ _____
Red Maple	4 Cords	\$ 26.05/Cord	\$ _____
Red Pine	2 Cords	\$ 50.15/Cord	\$ _____
White Pine	97 Cords	\$ 39.35/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 23.96 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**



<b>FOR DEPARTMENT USE ONLY</b>	
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

St Helen Jack (71-023-24)  
T23N, R01E, SEC. 28; T23N, R01E, SEC. 29; Ogemaw COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on January 14, 2025, 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 &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
Black/Red (Hybrid) Oak	35.8 MBF	\$ 135.00/MBF	\$ _____
Jack Pine	156.1 MBF	\$ 47.00/MBF	\$ _____
<b>Pulpwood</b>			
Black/Red (Hybrid) Oak	92 Cords	\$ 25.05/Cord	\$ _____
Jack Pine	2,197 Cords	\$ 11.30/Cord	\$ _____
Pin Cherry	158 Cords	\$ 3.00/Cord	\$ _____
Quaking Aspen	9 Cords	\$ 38.50/Cord	\$ _____
Red Pine	19 Cords	\$ 50.15/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 14.53 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**



<b>FOR DEPARTMENT USE ONLY</b>
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**



Lost Corner Oak (71-028-24)  
T24N, R02W, SEC. 31; T24N, R03W, SEC. 36; Roscommon COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on January 14, 2025, 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 &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
B. T. Aspen	51.5 MBF	\$ 87.00/MBF	\$ _____
Black/Red (Hybrid) Oak	29.5 MBF	\$ 135.00/MBF	\$ _____
Red Maple	5.4 MBF	\$ 79.00/MBF	\$ _____
Red Oak	21.8 MBF	\$ 141.00/MBF	\$ _____
White Oak	2.5 MBF	\$ 74.00/MBF	\$ _____
White Pine	1.5 MBF	\$ 81.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	49 Cords	\$ 38.50/Cord	\$ _____
Mixed Oak	100 Cords	\$ 25.05/Cord	\$ _____
Red Maple	79 Cords	\$ 26.05/Cord	\$ _____
White Pine	1 Cords	\$ 39.35/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 24.72 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**



<b>FOR DEPARTMENT USE ONLY</b>	
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.
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- 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