



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7552**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on March 18, 2025.

LOCATION: ATLANTA MGMT UNIT, 13501 M 33, ATLANTA, MI 49709.

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

Doriva Mix (54-017-24) / T36N, R01E, SEC. 14, NW,W1/2NE,N1/2SE.

Cheboygan County, Advertised Price \$99,653.25, 72.6 Acres, Red Pine, Red Oak.

SALE NOTE: Good quality timber. ORV/Snowmobile Trail runs through Units 2 & 3 and adjacent to unit 4. Payment Unit 1 contains heavy public traffic due to private roads running through the unit.

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.

Ward Branch Mix (54-030-24) / T34N, R04E, SEC. 22, E1/2NE.

T34N, R04E, SEC. 23, NWNW,S1/2NW.

Presque Isle County, Advertised Price \$61,610.50, 66.3 Acres, Aspen, Red Oak.

SALE NOTE: -The sale has good access.

-Soft Oak Wilt restrictions on Units 1-4; Refer to timber sale spec 5.2.3.5 for details.

-Within Payment Unit 5, cutting and skidding are not permitted during the period of April 15 to July 15. Refer to timber sale spec 5.2.3.3 for details.

Higgle Wiggle Red Pine (54-032-24) / T36N, R01E, SEC. 11, SW,SE.

T36N, R01E, SEC. 14, NENW,NWNE.

Cheboygan County, Advertised Price \$279,309.15, 195.5 Acres, Red Pine, Red Oak.

SALE NOTE: To facilitate subsequent planting operations, Payment Units 1-7 must be chip harvested (spec 2.2.2) and stump heights shall not exceed six (6) inches (spec 2.2.3). A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. 'Soft' oak wilt restriction(s) have been applied to all units (spec 5.2.3.5). Unless changed by written agreement, only one (1) Payment Unit may be operated at any one time. All contractual requirements on a Payment Unit shall be completed and accepted by the Unit Manager or his/her representative prior to the opening of an additional Payment Unit (spec 3.6.3).

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.

C136 Isolated Mix (54-038-24) / T34N, R04E, SEC. 11, SE.

T34N, R04E, SEC. 13, W1/2NW.

T34N, R04E, SEC. 14, NENE,S1/2NE.

Presque Isle County, Advertised Price \$23,886.45, 61.2 Acres, Red Pine, White Pine.

SALE NOTE: -Pipelines are present along access roads and well sites. There is a large Oil and Gas facility adjacent to Payment Unit 5. Refer to timber sale spec 5.1.3 for details.

-There is a seasonal operating restriction on Payment Units 3-5. Refer to timber sale spec 5.2.3.1 for details.

-Cutting and skidding are not permitted in Payment Unit 1 during the period of April 15th to July 15th. Refer to timber sale spec 5.2.3.3 for details.

Access may be through private or other public land.

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

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

Bids must be received by the Unit Manager, ATLANTA OFFICE, 13501 M 33, ATLANTA, MI 49709, no later than 10:00 a.m. (local time) on March 18, 2025. For further information concerning this sale, contact Matt Foster at 989-619-5921 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

Doriva Mix (54-017-24)

T36N, R01E, SEC. 14.

Cheboygan County (Advertised Price \$99,653.25)

SALE NOTE: Good quality timber. ORV/Snowmobile Trail runs through Units 2 & 3 and adjacent to unit 4. Payment Unit 1 contains heavy public traffic due to private roads running through the unit.

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>
<b>Sawtimber</b>		
Black/Red (Hybrid) Oak	49.6 MBF	\$ 104.00 / MBF
Red Oak	286.0 MBF	\$ 182.00 / MBF
Red Pine	151.0 MBF	\$ 121.00 / MBF
White Pine	16.4 MBF	\$ 88.00 / MBF
<b>Pulpwood</b>		
B. T. Aspen	231 Cords	\$ 19.40 / Cord
Mixed Oak	344 Cords	\$ 23.65 / Cord
Red Maple	21 Cords	\$ 19.80 / Cord
Red Pine	222 Cords	\$ 36.55 / Cord
White Pine	57 Cords	\$ 27.75 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 15.61 percent. There are an estimated 2,054 cords on this timber sale, plus or minus 321 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 \$4,983.00 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	10.3%
02	27.4%
03	29.7%
04	32.6%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

### **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
162,277	2,054	15.61%	1,733	2,375

## 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
26	28,537	361	41.87%	210	512
29	52,966	670	29.40%	473	868
34	80,774	1,022	20.86%	809	1,236
<b>TOTAL:</b>	<b>162,277</b>	<b>2,054</b>		<b>1,492</b>	<b>2,616</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
26	13.5	1	13.5
29	23.1	4	23.1
34	36.0	2	17.3
34	36.0	3	18.7
<b>TOTAL:</b>	<b>108.6</b>		<b>72.6</b>



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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid)	Sawtimber	20.2	MBF	13.5	\$10,232.05
	Red Oak		5.6	MBF		
	White Pine		16.4	MBF		
	B. T. Aspen	Pulpwood	165	Cords		
	Mixed Oak		54	Cords		
	<i>/Red (Hybrid) Oak</i>		41	<i>Cords</i>		
	<i>Red Oak</i>		13	<i>Cords</i>		
	Red Maple		9	Cords		
	Red Pine		11	Cords		
	White Pine		22	Cords		
2	Red Oak	Sawtimber	112.9	MBF	17.3	\$27,350.75
	Red Pine		14.4	MBF		
	B. T. Aspen	Pulpwood	32	Cords		
	Mixed Oak		112	Cords		
	<i>Red Oak</i>		112	<i>Cords</i>		
	Red Pine		49	Cords		
3	Red Oak	Sawtimber	122.1	MBF	18.7	\$29,604.75
	Red Pine		15.6	MBF		
	B. T. Aspen	Pulpwood	34	Cords		
	Mixed Oak		121	Cords		
	<i>Red Oak</i>		121	<i>Cords</i>		
	Red Pine		54	Cords		
4	Black/Red (Hybrid)	Sawtimber	29.4	MBF	23.1	\$32,465.70
	Red Oak		45.4	MBF		
	Red Pine		121.0	MBF		
	Mixed Oak	Pulpwood	57	Cords		
	<i>/Red (Hybrid) Oak</i>		25	<i>Cords</i>		
	<i>Red Oak</i>		32	<i>Cords</i>		
	Red Maple		12	Cords		
	Red Pine		108	Cords		
	White Pine		35	Cords		
TOTAL:			503.0	MBF		
TOTAL:			875	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Doriva Mix**

**Sale Number: 54-017-24 Seq#: 2**

### 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, as well as roads and powerline right of ways. 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 southern boundaries of Payment Units 2 and 3, which are unpainted and designated by Doriva Road, and the northern boundary of Payment Units 2 and 3, which are unpainted and designated by the powerline ROW. 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, cut all trees that are two (2) inches or more at DBH, except do not cut any hemlock, cedar, or trees marked with green paint.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

##### 2.1.2 - Clearcut Unit(s) w/o Unmerchantable Trees (8/11)

Within Payment Unit(s) 2-4, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any trees marked with green paint. In addition, within Payment Units 2 and 3 do not cut any white pine.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

#### 2.2 - Utilization

##### 2.2.6 - Roundwood Operation Required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 2-4. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length. Trees must be harvested with in-woods processor (feller bunching harvester will not be allowed) in order to retain existing understory.

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

Within Payment Unit(s) 1, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) with a value of \$25,000 or more may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (7/16)

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

Within Payment Unit 2-4, if more than 50% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged.

#### 3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.3 - Slash and Earthen Piles (8/04)

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

##### 4.1.11 - Permits (2/12)

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

##### 4.1.12 - No New Roads (1/12)

No new roads will be permitted. All operations are limited to existing roads. Skid trails and landings will only be allowed.

#### 4.2 - Maintenance

##### 4.2.2 - Fill Material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Access into Payment Units 2 and 3 are on very sandy roads, gravel or fill may be required to reinforce the road surface.

##### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

### 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 locations and sale specifications. 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 within Payment Units 2-4 may exceed 36 inches in height.

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

To facilitate reforestation and to protect oak stump sprout regeneration from browsing, chipping or removal of sub-merchantable treetops from Payment Units 1-3 is not permitted. Sub-merchantable oak tops/slash are to be placed

high and wide centered over harvested oak stumps with the goal of making the slash impenetrable by deer.

## 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 Units 1-4, 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 15 and clearing a tree-length buffer along uncut oak cover before April 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

## 5.2.22 - Operating Caution

### 5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1, cutting, skidding, and hauling occur during the time period of December 1 to April 1. The reason for the recommendation is to reduce user conflict due to this Unit being in a high traffic area during the summer months.

## 5.2.32 - Decking/Landing Restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

## 5.2.38 - No Decking Against Live Trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

## 5.2.39 - ORV Trail/Route Protection (4/18)

The Black Lake ORV route is adjacent to the Sale Area and is shown on the Timber Sale Map. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the route may only occur in locations approved by the Sale Administrator.

## 5.2.41 - Snowmobile Trail Protection (9/11)

Snowmobile Trail LP\_99 is adjacent to the Sale Area and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail 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. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

## 5.8 - Protection of Endangered Species

### 5.8.5 - Protection of Raptor Nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an onsite evaluation and recommendation can be made, if necessary.

## 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 any access roads prior to beginning operations. The

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

#### 6.2.2 - Snowmobile Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Snowmobile Trail LP\_99 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

#### 6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Black Lake Route prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

**TIMBER SALE MAP**

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

Sale Number	Date	
<b>54-017-24</b>	10/01/2024	
Scale	Page	Of
1:15,840	1	1

Forest Management Unit	County	Mapped By: T. Kubitskey
Atlanta Mgt Unit	Cheboygan	Cruised By: T. Kubitskey, K. Beesley

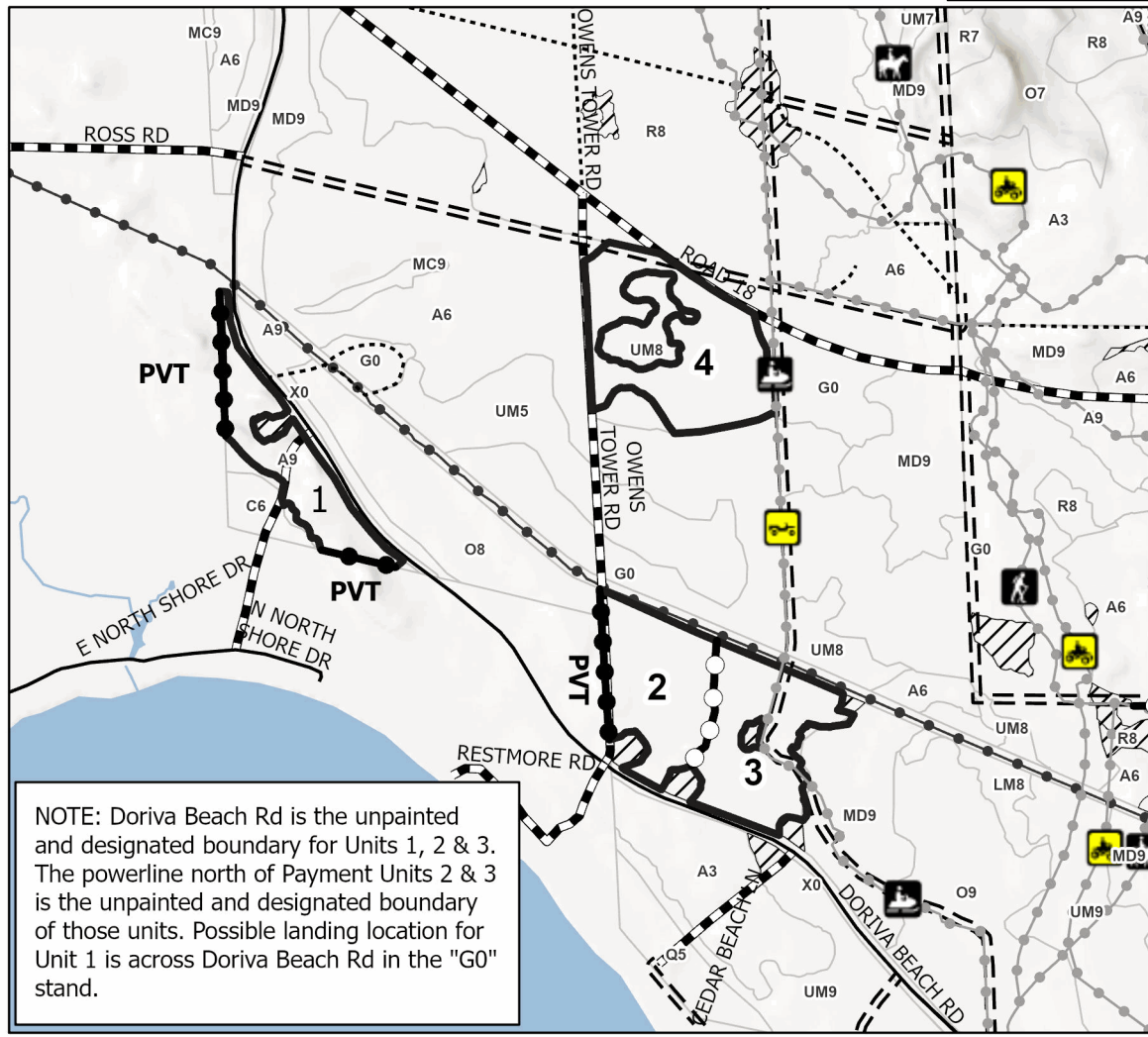
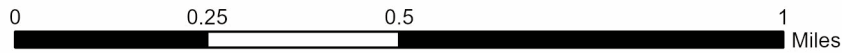
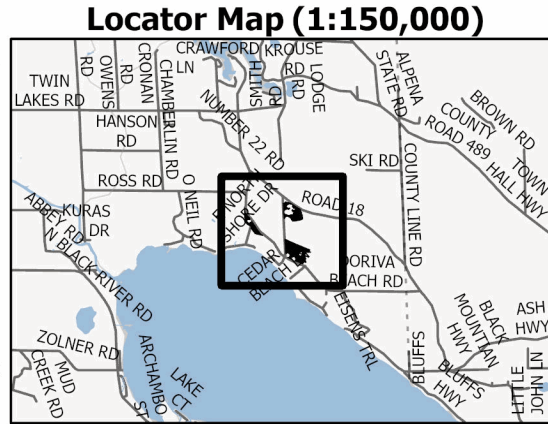
Township	Range	Section(s) and Subdivision(s)
36N	01E	Sec. 14 NW,W1/2NE,N1/2SE;

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	13.5
2	17.3
3	18.7
4	23.1

**Doriva Mix  
Compartment 176  
72.6 Acres**



Legend	
	Sale Boundary (Red)
	Payment Unit (Yellow)
	Private Line (Blue)
	Retention Areas (Red X's)
	Nearby Timber Sale
	Stand
	Recreational Trail
	Powerline
	Forest Access Route
	Administrative Access Only
	Paved Road
	Government Gravel/Dirt
	Private Gravel/Dirt

NOTE: Doriva Beach Rd is the unpainted and designated boundary for Units 1, 2 & 3. The powerline north of Payment Units 2 & 3 is the unpainted and designated boundary of those units. Possible landing location for Unit 1 is across Doriva Beach Rd in the "G0" stand.

Use QR Code to open Map in App



## TIMBER SALE INFORMATION

### Ward Branch Mix (54-030-24)

T34N, R04E, SEC. 22; T34N, R04E, SEC. 23.

Presque Isle County (Advertised Price \$61,610.50)

SALE NOTE: -The sale has good access.

-Soft Oak Wilt restrictions on Units 1-4; Refer to timber sale spec 5.2.3.5 for details.

-Within Payment Unit 5, cutting and skidding are not permitted during the period of April 15 to July 15. Refer to timber sale spec 5.2.3.3 for details.

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>		
Red Maple	17.5 MBF	\$ 55.00 / MBF
Red Oak	107.2 MBF	\$ 182.00 / MBF
Red Pine	40.1 MBF	\$ 121.00 / MBF
Sugar Maple	5.8 MBF	\$ 250.00 / MBF
White Pine	45.6 MBF	\$ 88.00 / MBF
<b>Pulpwood</b>		
Balsam Fir	12 Cords	\$ 17.05 / Cord
Jack Pine	38 Cords	\$ 13.30 / Cord
Mixed Aspen	739 Cords	\$ 19.40 / Cord
Mixed Hardwood	237 Cords	\$ 19.80 / Cord
Paper Birch	22 Cords	\$ 13.75 / Cord
Red Oak	182 Cords	\$ 23.65 / Cord
Red Pine	99 Cords	\$ 36.55 / Cord
White Pine	103 Cords	\$ 27.75 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 16.72 percent. There are an estimated 1,937 cords on this timber sale, plus or minus 324 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 \$3,081.00 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	28.5%
02	37.8%
03	22.3%
04	7.1%
05	4.3%

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

5. Operations on the contract issued will terminate on 06/30/2028.

### **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
152,986	1,937	16.72%	1,613	2,260

## VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
121	8,112	103	44.79%	57	149
213	47,320	599	26.13%	442	756
214	13,064	165	38.84%	101	230
215	7,122	90	45.08%	50	131
224	77,367	979	28.03%	705	1,254
<b>TOTAL:</b>	<b>152,986</b>	<b>1,937</b>		<b>1,355</b>	<b>2,518</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
121	5.4	3	5.4
213	16.5	1	1.7
213	16.5	2	8.9
213	16.5	3	5.9
214	5.8	4	5.8
215	9.2	5	9.2
224	29.4	1	14.3
224	29.4	2	11.8
224	29.4	3	3.3
<b>TOTAL:</b>	<b>158.1</b>		<b>66.3</b>



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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Red Maple	Sawtimber	4.5	MBF	16.0	\$17,546.10	
	Red Oak		39.6	MBF			
	Red Pine		3.6	MBF			
	Sugar Maple		2.8	MBF			
	White Pine		4.4	MBF			
	Balsam Fir		Pulpwood	2			Cords
	Jack Pine			1			Cords
	<i>Jack Pine</i>			1			<i>Cords</i>
	Mixed Aspen			236			Cords
	<i>B. T. Aspen</i>			235			<i>Cords</i>
	<i>Quaking Aspen</i>			1			<i>Cords</i>
	Mixed Hardwood			81			Cords
	<i>Red Maple</i>			58			<i>Cords</i>
	<i>Sugar Maple</i>			23			<i>Cords</i>
	Paper Birch			1			Cords
	Red Oak			61			Cords
	Red Pine			12			Cords
	White Pine			16			Cords
2	Red Maple	Sawtimber		6.6	MBF	20.7	\$23,324.95
	Red Oak			44.0	MBF		
	Red Pine			13.6	MBF		
	Sugar Maple			2.3	MBF		
	White Pine			19.1	MBF		
	Balsam Fir		Pulpwood	2	Cords		
	Jack Pine			6	Cords		
	<i>Jack Pine</i>			6	<i>Cords</i>		
	Mixed Aspen			261	Cords		
	<i>B. T. Aspen</i>			253	<i>Cords</i>		
	<i>Quaking Aspen</i>			8	<i>Cords</i>		
	Mixed Hardwood			94	Cords		
	<i>Red Maple</i>			71	<i>Cords</i>		
	<i>Sugar Maple</i>			23	<i>Cords</i>		
	Paper Birch			6	Cords		
	Red Oak			74	Cords		
	Red Pine			24	Cords		
	White Pine			47	Cords		
3	Red Maple	Sawtimber		5.2	MBF	14.6	\$13,727.35
	Red Oak			21.0	MBF		
	Red Pine			13.0	MBF		
	Sugar Maple			0.7	MBF		
	White Pine			15.5	MBF		
	Balsam Fir		Pulpwood	7	Cords		
	Jack Pine			5	Cords		
	<i>Jack Pine</i>			5	<i>Cords</i>		
	Mixed Aspen			134	Cords		
	<i>B. T. Aspen</i>			102	<i>Cords</i>		
	<i>Quaking Aspen</i>			32	<i>Cords</i>		
	Mixed Hardwood			49	Cords		
	<i>Red Maple</i>			41	<i>Cords</i>		
	<i>Sugar Maple</i>			8	<i>Cords</i>		
	Paper Birch			9	Cords		
	Red Oak			40	Cords		
	Red Pine			24	Cords		
	White Pine			29	Cords		
4	Red Maple	Sawtimber		1.2	MBF	5.8	\$4,391.60
	Red Oak			1.9	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Red Pine	Sawtimber	4.3	MBF		
	White Pine		5.1	MBF		
	Jack Pine	Pulpwood	10	Cords		
	<i>Jack Pine</i>		10	<i>Cords</i>		
	Mixed Aspen		86	Cords		
	<i>B. T. Aspen</i>		86	<i>Cords</i>		
	Mixed Hardwood		3	Cords		
	<i>Red Maple</i>		3	<i>Cords</i>		
	Paper Birch		4	Cords		
	Red Oak		6	Cords		
	Red Pine		20	Cords		
	White Pine		8	Cords		
5	Red Oak	Sawtimber	0.7	MBF	9.2	\$2,620.50
	Red Pine		5.6	MBF		
	White Pine		1.5	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Jack Pine		16	Cords		
	<i>Jack Pine</i>		13	<i>Cords</i>		
	<i>White Spruce</i>		3	<i>Cords</i>		
	Mixed Aspen		22	Cords		
	<i>B. T. Aspen</i>		22	<i>Cords</i>		
	Mixed Hardwood		10	Cords		
	<i>Red Maple</i>		10	<i>Cords</i>		
	Paper Birch		2	Cords		
	Red Oak		1	Cords		
	Red Pine		19	Cords		
	White Pine		3	Cords		
TOTAL:			216.2	MBF		
TOTAL:			1,432	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Ward Branch Mix

Sale Number: 54-030-24 Seq#: 2

### 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, with exceptions of portions of Payment Unit 3 boundaries against roads and openings which are unpainted and designated by the roads and openings (see Timber Sale Map). Trees along these unpainted edges are Included Timber. 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) 1-4, cut all trees that are two (2) inches or more at DBH, except do not cut any trees marked in green paint.

In addition, within Payment Units 1-4, protect and do not cut sub-merchantable white pine and red pine seedlings and saplings in accordance with sale spec 3.4.1.

Furthermore, within Payment Units 1-4, orange marked habitat trees are to be handled as detailed in sale spec 5.2.4.7.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

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

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) with a value of \$25,000 or greater may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to red pine and white pine seedlings and saplings in Payment Units 1-4.

Within Payment Units 1-4, if more than 25% of red pine and white pine tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$250 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 Unit 5, if more than 5% of undesignated 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.

#### 3.4.2 - Special Protection Trees (1/25)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint within Payment Units 1-3. If Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.3 - Slash and Earthen Piles (8/04)

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

##### 4.1.6 - Road Construction (4/24)

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 or 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.

##### 4.1.11 - Permits (2/12)

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

##### 4.1.12 - No New Roads (1/12)

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

#### 4.2 - Maintenance

##### 4.2.2 - Fill Material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

##### 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 review sale specifications and 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 30 days 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.

#### 5.2 - Conduct of Operations

##### 5.2.1 - Slash

#### 5.2.1.8 - Slash Height (12/08)

No slash or tree tops may exceed 36 inches in height.

#### 5.2.1.10 - No Slash in Openings (5/10)

No brush or logging debris is to be left in the maintained wildlife opening which is indicated by G0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

### 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

#### 5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 5, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

#### 5.2.3.5 - Oak Wilt Restriction (1/18)

Within Payment Units 1-3, 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 15 and clearing a tree-length buffer along uncut oak cover before April 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

#### 5.2.3.6 - Bark Beetle Restriction (1/25)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two (2) inches in diameter are removed from the Sale Area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within 15 days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

#### 5.2.3.11 - Coppice Regeneration Protection (4/10)

To promote tree regeneration in Payment Units 1-5, timber harvesting must be completed before significant tree 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. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

### 5.2.4 - Dead and Down Creation

#### 5.2.4.7 - Dead and Down Creation: Hare, Grouse, Deer and Other Species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over all orange ringed trees after all designated wood has been forwarded from Payment Units 1-4. If it is impractical to push the trees over, they may be cut or partially cut and pushed over. Tree crowns should touch the ground. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over.

#### 5.2.16 - Equipment Recommended (11/18)

Equipment used for harvesting Payment Unit 1-5 should be adequate for performing contract obligations while protecting residual trees. Refer to timber sale specs 2.1.1, 2.1.3, and 3.4.1 for residual tree details.

#### 5.2.32 - Decking/Landing Restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

#### 5.2.38 - No Decking Against Live Trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

#### 5.4 - Soil Protection

##### 5.4.1 - Rutting Restriction, General (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

#### 5.8 - Protection of Endangered Species

##### 5.8.5 - Protection of Raptor Nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an onsite evaluation and recommendation can be made, if necessary.

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



### TIMBER SALE MAP

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

Sale Number

**54-030-24**

Date

10/09/2024

Forest Management Unit

County

Mapped By: D. Parris

Atlanta Mgt Unit

Presque Isle

Cruised By: A. Bundschuh, B. Neff

Scale

1:7,920

Page

1

Of

1

Township  
34N

Range  
04E

Section(s) and  
Subdivision(s) Sec. 22 E1/2NE; Sec. 23 NWNW,S1/2NW;

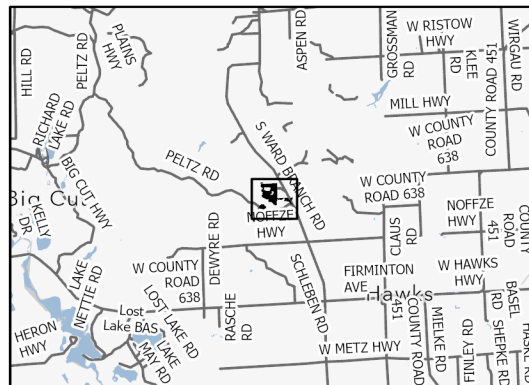
#### Cover Type

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

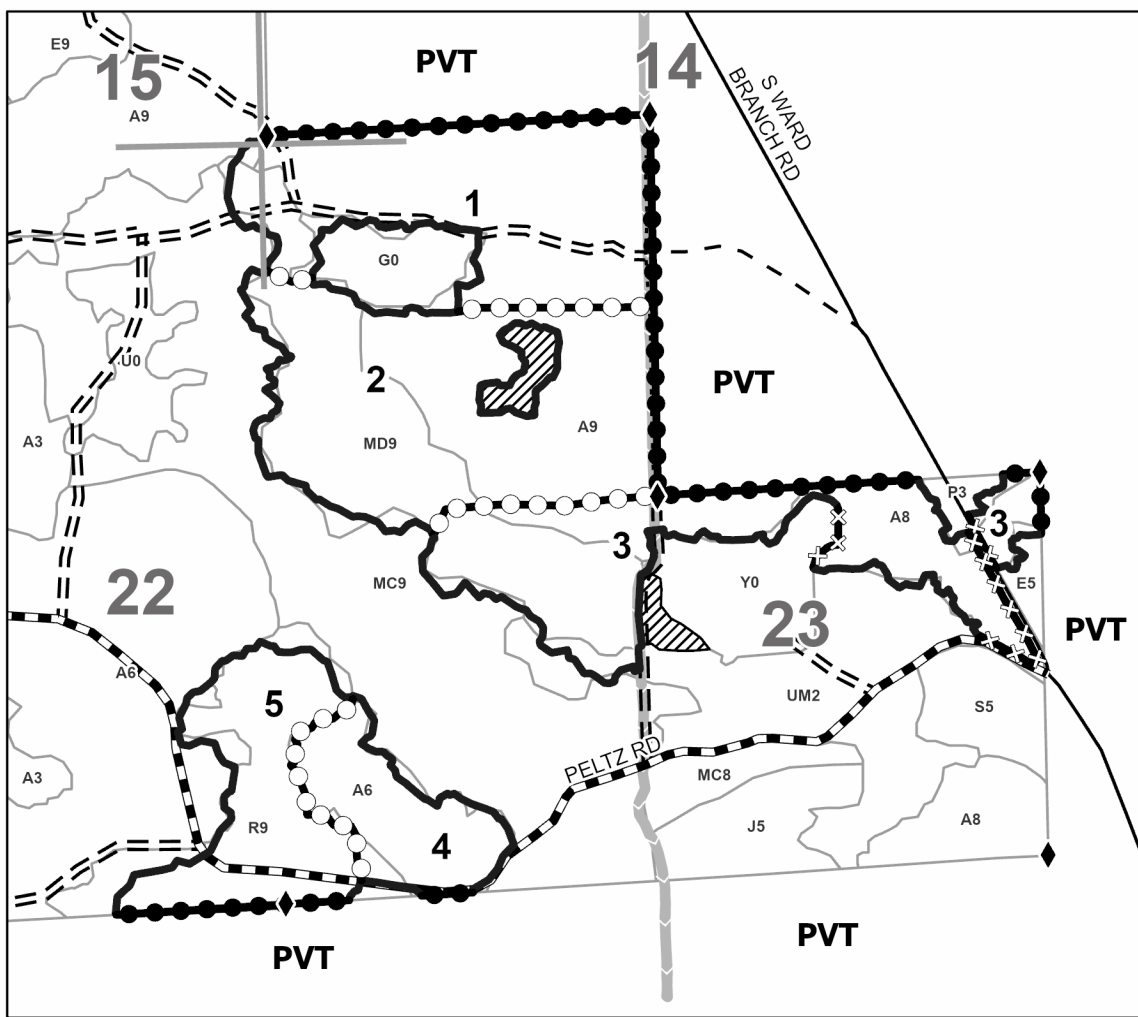
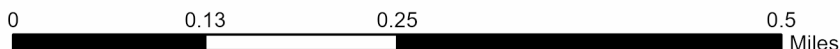
#### Locator Map 1:200,000



#### PU # Acres

1	16
2	20.7
3	14.6
4	5.8
5	9.2

**Ward Branch  
Mix  
Compartment 136  
66.3 Acres**



#### Legend

- Against State (Red)
- Against State (Unpainted)
- Private Line (Blue)
- Payment Unit (Yellow)
- Stand Boundaries
- Retention Areas
- Forest Access Route
- Administrative Access Only
- Paved Road
- Government Gravel/Dirt
- Private Gravel/Dirt
- Pipeline
- Survey Corner
- Section Corner

Use QR Code to open Map in App







## TIMBER SALE INFORMATION

Higgle Wiggle Red Pine (54-032-24)  
 T36N, R01E, SEC. 11; T36N, R01E, SEC. 14.  
 Cheboygan County (Advertised Price \$279,309.15)

SALE NOTE: To facilitate subsequent planting operations, Payment Units 1-7 must be chip harvested (spec 2.2.2) and stump heights shall not exceed six (6) inches (spec 2.2.3). A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. 'Soft' oak wilt restriction(s) have been applied to all units (spec 5.2.3.5). Unless changed by written agreement, only one (1) Payment Unit may be operated at any one time. All contractual requirements on a Payment Unit shall be completed and accepted by the Unit Manager or his/her representative prior to the opening of an additional Payment Unit (spec 3.6.3).

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		
Red Oak	170.6 MBF	\$ 182.00 / MBF
Pulpwood		
B. T. Aspen	57 Cords	\$ 19.40 / Cord
Jack Pine	16 Cords	\$ 13.30 / Cord
Red Maple	9 Cords	\$ 19.80 / Cord
Red Oak	563 Cords	\$ 23.65 / Cord
Red Pine	6,359 Cords	\$ 36.55 / Cord
White Pine	37 Cords	\$ 27.75 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 10.04 percent. There are an estimated 7,444 cords on this timber sale, plus or minus 748 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 \$13,965.00 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	11.8%
02	16.4%
03	17.3%
04	10.4%
05	16.5%
06	18.4%
07	9.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

**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
588,096	7,444	10.04%	6,697	8,192

**VDU VOLUMES**

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
11	73,633	932	15.91%	784	1,080
20	514,463	6,512	11.28%	5,777	7,247
<b>TOTAL:</b>	<b>588,096</b>	<b>7,444</b>		<b>6,561</b>	<b>8,327</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
11	20.5	1	20.5
20	175.0	2	32.6
20	175.0	3	34.3
20	175.0	4	20.7
20	175.0	5	32.7
20	175.0	6	36.4
20	175.0	7	18.3
<b>TOTAL:</b>	<b>1,070.5</b>		<b>195.5</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	5.8	MBF	20.5	\$33,048.35
	B. T. Aspen	Pulpwood	53	Cords		
	Jack Pine		12	Cords		
	Red Oak		15	Cords		
	Red Pine		824	Cords		
	White Pine		12	Cords		
	<i>White Pine</i>		12	<i>Cords</i>		
2	Red Oak	Sawtimber	30.7	MBF	32.6	\$45,893.80
	B. T. Aspen	Pulpwood	1	Cords		
	Jack Pine		1	Cords		
	Red Maple		2	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	Red Oak		102	Cords		
	Red Pine		1,031	Cords		
	White Pine		5	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
3	Red Oak	Sawtimber	32.3	MBF	34.3	\$48,276.95
	B. T. Aspen	Pulpwood	1	Cords		
	Jack Pine		1	Cords		
	Red Maple		2	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	Red Oak		107	Cords		
	Red Pine		1,085	Cords		
	White Pine		5	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
4	Red Oak	Sawtimber	19.5	MBF	20.7	\$29,129.55
	Red Maple	Pulpwood	1	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.3	<i>MBF</i>		
	Red Oak	Pulpwood	65	Cords		
	Red Pine		655	Cords		
	White Pine		3	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
<i>White Pine</i>	<i>Pulpwood</i>	2	<i>Cords</i>			
5	Red Oak	Sawtimber	30.8	MBF	32.7	\$46,021.65
	B. T. Aspen	Pulpwood	1	Cords		
	Jack Pine		1	Cords		
	Red Maple		2	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	Red Oak		102	Cords		
	Red Pine		1,034	Cords		
	White Pine		5	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
6	Red Oak	Sawtimber	34.3	MBF	36.4	\$51,270.20
	B. T. Aspen	Pulpwood	1	Cords		
	Jack Pine		1	Cords		
	Red Maple		2	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.6	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	Red Oak		115	Cords		
	Red Pine		1,151	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	White Pine	Pulpwood	6	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	<i>0.8</i>	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	<i>4</i>	<i>Cords</i>		
7	Red Oak	Sawtimber	17.2	MBF	18.3	\$25,743.95
	Red Maple	Pulpwood	1	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	<i>0.3</i>	<i>MBF</i>		
	Red Oak	Pulpwood	57	Cords		
	Red Pine		579	Cords		
	White Pine		3	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	<i>0.4</i>	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	<i>2</i>	<i>Cords</i>		
TOTAL:			170.6	MBF		
TOTAL:			7,044	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Higgle Wiggle Red Pine**

**Sale Number: 54-032-24 Seq#: 2**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted Boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint as well as some forest roads (see Timber Sale Map). Exterior sale boundary lines against state are marked with red paint, with the exception of the western boundary of Payment Unit 1 and the northern boundary of Payment Unit 2-4, which are unpainted and designated by the forest road (see Timber Sale Map). Interior Payment Unit boundaries are marked with yellow paint, with the exception of the interior Payment Unit boundaries between Payment Units 3-4 and 6-7, which is unpainted and designated by Snowmobile Trail 99 (see Timber Sale Map). Interior retention islands are marked with Red Painted X's and are shown on the Sale Map. Boundary excluded retention areas are present and shown on the Sale Map. No harvesting activities may occur within designated retention areas. The red and red + yellow painted boundary line trees are not Included Timber and are to be protected. Yellow (only) 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) 1-7, cut all trees that are two (2) inches or more at DBH, except do not cut any trees marked with green paint.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

#### 2.2 - Utilization

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

Payment Units 1-7 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. 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. 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 Payment Units 1-7 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) 1-7 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. Payment Units 1, 4 and 7 can only be divided once (1). Payment Units 2, 3, 5 and 6 can only be divided twice (2).

#### 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 and designated retention areas. 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.

#### 3.4.2 - Special Protection Trees (1/25)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are some of the green painted red oak and red pine trees meeting Legacy tree standards. Though not prevalent, green painted Legacy trees are present in Payment Units 1-7. Legacy trees are longer-lived tree species that are 150 years old or older; OR are 26 inches or greater at DBH, and in either case will exhibit some of the following characteristics: presence of hollows and cavities, super-canopy crown position, broken tops with crown debris accumulations and/or partial snag formation, plate-like or thick fire-resistant bark and/or fire scars and basal burn cavities. If Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$500.00 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 3.6 - Payment Unit Cutting Schedule

#### 3.6.3 - Operating Schedule (12/08)

Unless changed by written agreement, only two (2) Payment Unit(s) may be operated at any one time. All contractual requirements on a Payment Unit shall be completed and accepted by the Unit Manager or his/her representative prior to the opening of an additional Payment Unit.

## 4 - Transportation

### 4.1 - Construction

#### 4.1.3 - Slash and Earthen Piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be chipped, utilized or dispersed throughout the Sale Area as directed by the Sale Administrator so as not to impede follow-up replanting operations.

#### 4.1.4 - Timber Removed for Construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing, or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the Sale Administrator. Payment will be made at contract prices or average prices, if not on the contract.

#### 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)

New roads or overgrown roads that are reopened must be blocked to vehicle traffic within 30 days of completion of hauling. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. 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. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

### 4.2 - Maintenance

#### 4.2.2 - Fill Material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. The Unit Manager or his/her representative must approve the type of fill material used prior to placement. In general, suitable fill material includes cobble and/or crushed rock. Fill material may not be sourced from adjacent State-owned lands.

#### 4.2.4 - Grading (10/16)

If deemed necessary by the Sale Administrator, state forest roads must be graded after hauling operations are complete. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

#### 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 5 days in advance to schedule the conference.

### 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.

##### 5.2.1.10 - No Slash in Openings (5/10)

No brush or logging debris is to be left in adjacent stands that are being planted or left to naturally regenerate. These areas/stands are indicated by G0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 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 Units 1-7, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high-risk period. Those steps may include completing all road brushing before April 15 and clearing a tree-length buffer along uncut oak cover before April 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

##### 5.2.3.6 - Bark Beetle Restriction (1/25)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two (2) inches in diameter are removed from the Sale Area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within 15 days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.3 - Dead and Down Creation, Dead Trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

#### 5.2.31 - Landing Locations (9/13)

Landings will not be allowed within any island or boundary excluded retention area(s). The Timber Sale Map shows the retention locations.

#### 5.2.32 - Decking/Landing Restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

#### 5.2.38 - No Decking Against Live Trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

#### 5.2.39 - ORV Trail/Route Protection (4/18)

Black Lake ORV Trail travels through Payment Units 3, 6 and 7 and is shown on the Timber Sale Map. Do not damage any carsonite posts with yellow ORV markers. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 10-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

#### 5.2.40 - Pathway Protection (10/10)

The Black Mountain Recreational Trail is a bike, hiking, horse, ski trail and is shown on the Timber Sale Map. The Black Mountain Trail is located near the east boundary of Payment Units 4 and 7. The Trail does not travel through the sale. Be vigilant for trail users during all operations, especially those in Payment Units 4 and 7.

#### 5.2.41 - Snowmobile Trail Protection (9/11)

Snowmobile Trail 99 travels north/south through the east portion of the timber sale. Trail 99 is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 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 10-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 10 feet of the snowmobile trail must be cut at ground level.

### 5.4 - Soil Protection

#### 5.4.1 - Rutting Restriction, General (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 25 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

### 5.8 - Protection of Endangered Species

#### 5.8.5 - Protection of Raptor Nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an onsite evaluation and recommendation can be made, if necessary.

## 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 hauling routes 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 Trail 99 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



### 6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Black Mountain Recreation Trail prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



### TIMBER SALE MAP

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

Sale Number	Date	
<b>54-032-24</b>	10/30/2024	
Scale	Page	Of
1:15,840	1	1

Forest Management Unit	County	Mapped By: TSP
Atlanta Mgt Unit	Cheboygan	Cruised By: J. St. Pierre, TSP

Township	Range	Section(s) and Subdivision(s)
36N	01E	Sec. 11 SW,SE; Sec. 14 NENW,NWNE;

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

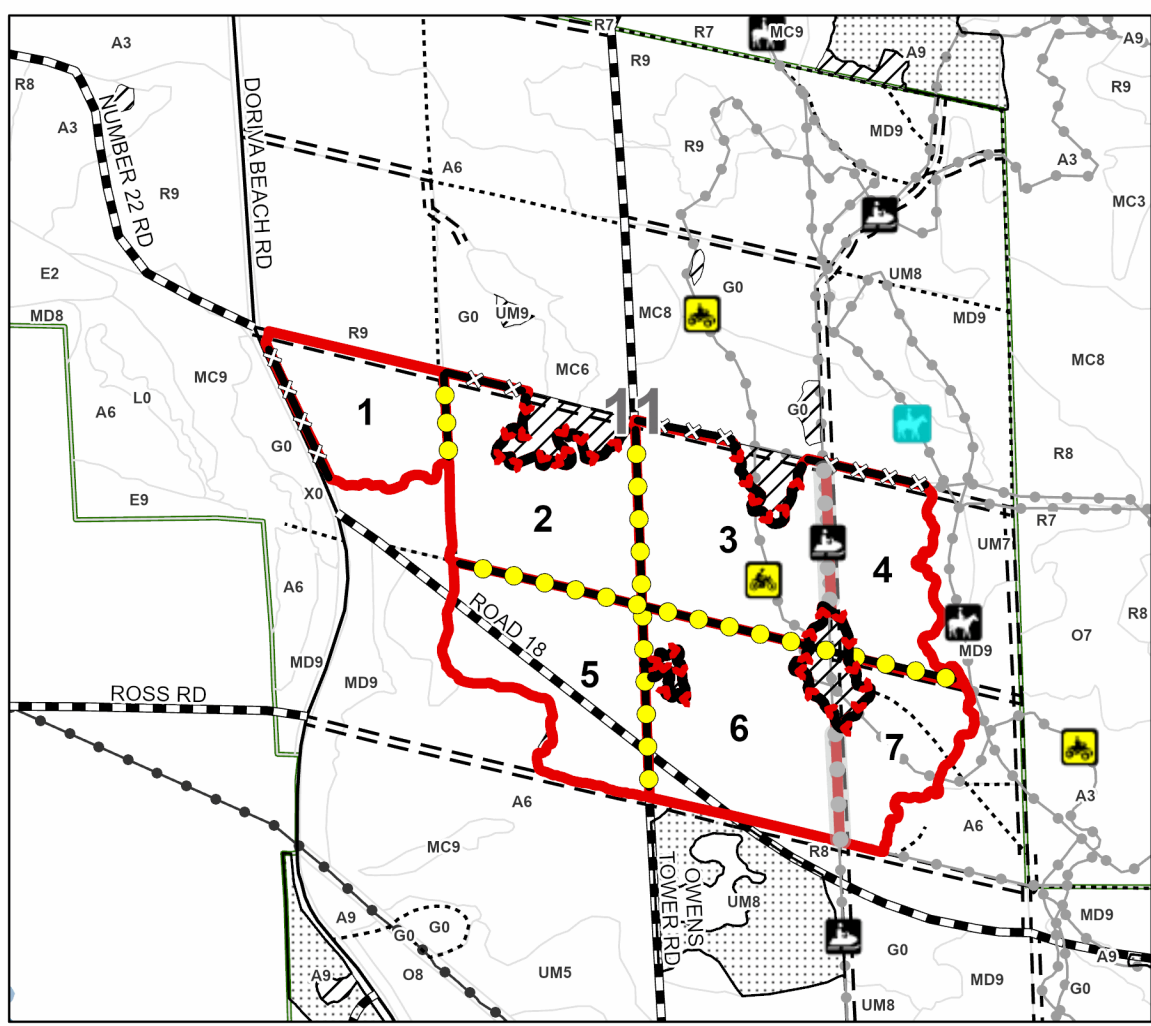
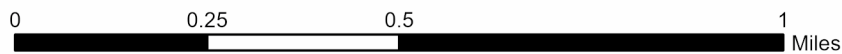
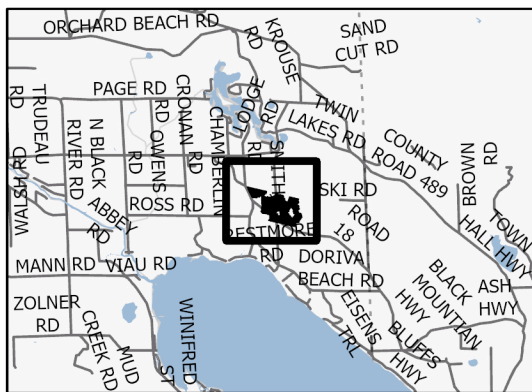
PU #	Acres	PU #	Acres
1	20.5	5	32.7
2	32.6	6	36.4
3	34.3	7	18.3
4	20.7		

## Higgle Wiggle Red Pine

### 195.5 Acres

Compartment 176

### Locator Map 1:200,000



- ### Legend
- Sale Boundary (Red)
  - Against State (Red X)
  - Against State (Unpainted)
  - Payment Unit (Yellow)
  - Payment Unit (Unpainted)
  - Stand
  - Retention Areas
  - Forest Access Route
  - Administrative Access Only
  - Paved Road
  - Government Gravel/Dirt
  - Recreational Trails
  - Powerline

Use QR Code to open Map in App



## TIMBER SALE INFORMATION

### C136 Isolated Mix (54-038-24)

T34N, R04E, SEC. 11; T34N, R04E, SEC. 13; T34N, R04E, SEC. 14.  
Presque Isle County (Advertised Price \$23,886.45)

SALE NOTE: -Pipelines are present along access roads and well sites. There is a large Oil and Gas facility adjacent to Payment Unit 5. Refer to timber sale spec 5.1.3 for details.

-There is a seasonal operating restriction on Payment Units 3-5. Refer to timber sale spec 5.2.3.1 for details.

-Cutting and skidding are not permitted in Payment Unit 1 during the period of April 15th to July 15th. Refer to timber sale spec 5.2.3.3 for details.

Access may be through private or other public land.

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		
Red Pine	52.1 MBF	\$ 105.00 / MBF
White Pine	63.1 MBF	\$ 77.00 / MBF
Pulpwood		
Balsam Fir	18 Cords	\$ 14.75 / Cord
Black Spruce	103 Cords	\$ 10.05 / Cord
Jack Pine	164 Cords	\$ 11.55 / Cord
Mixed Aspen	188 Cords	\$ 16.85 / Cord
Red Maple	78 Cords	\$ 17.15 / Cord
Red Oak	13 Cords	\$ 20.50 / Cord
Red Pine	128 Cords	\$ 31.65 / Cord
White Pine	64 Cords	\$ 24.05 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 17.61 percent. There are an estimated 1,027 cords on this timber sale, plus or minus 181 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

1. A bond in the amount of \$1,194.00 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	21.4%
02	49.1%
03	13.9%
04	10.2%
05	5.4%

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

5. Operations on the contract issued will terminate on 06/30/2028.

### **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
81,170	1,027	17.61%	847	1,208

## VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
32	18,066	229	42.15%	132	325
51	11,631	147	49.03%	75	219
78	14,163	179	39.39%	109	250
91	6,685	85	88.59%	10	160
138	11,523	146	48.22%	76	216
140	4,697	59	46.30%	32	87
177	3,543	45	77.49%	10	80
179	1,285	16	72.97%	4	28
181	5,002	63	82.08%	11	115
213	4,574	58	60.23%	23	93
<b>TOTAL:</b>	<b>81,170</b>	<b>1,027</b>		<b>482</b>	<b>1,573</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
32	9.7	2	9.7
51	8.9	2	8.9
78	11.3	3	10.8
78	11.3	4	0.5
91	5.3	4	5.3
138	7.5	1	7.5
140	1.9	2	1.9
177	4.1	2	4.1
179	1.2	5	1.2
181	3.9	5	3.9
213	7.4	3	0.8
213	7.4	4	6.6
<b>TOTAL:</b>	<b>79.9</b>		<b>61.2</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	20.4	MBF	7.5	\$5,116.85
	White Pine		3.0	MBF		
	Red Oak	Pulpwood	2	Cords		
	Red Oak	Sawtimber	0.5	MBF		
	Red Oak	Pulpwood	1	Cords		
	Red Pine		74	Cords		
	White Pine		15	Cords		
2	Red Pine	Sawtimber	21.2	MBF	24.6	\$11,720.90
	White Pine		52.9	MBF		
	Balsam Fir	Pulpwood	10	Cords		
	Black Spruce		43	Cords		
	Jack Pine		2	Cords		
	Mixed Aspen		121	Cords		
	B. T. Aspen	Sawtimber	2.0	MBF		
	B. T. Aspen	Pulpwood	81	Cords		
	Quaking Aspen		36	Cords		
	Red Maple		62	Cords		
	Red Maple	Sawtimber	1.0	MBF		
	Red Maple	Pulpwood	60	Cords		
	Red Oak		11	Cords		
	Red Oak	Sawtimber	1.5	MBF		
	Red Oak	Pulpwood	8	Cords		
	Red Pine		19	Cords		
	White Pine		37	Cords		
3	Red Pine	Sawtimber	8.5	MBF	11.6	\$3,319.30
	White Pine		4.3	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Black Spruce		39	Cords		
	Jack Pine		76	Cords		
	Mixed Aspen		8	Cords		
	B. T. Aspen		8	Cords		
	Red Maple		3	Cords		
	Red Maple		3	Cords		
	Red Pine		17	Cords		
White Pine		3	Cords			
4	Red Pine	Sawtimber	2.0	MBF	12.4	\$2,430.70
	White Pine		2.9	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Black Spruce		19	Cords		
	Jack Pine		64	Cords		
	Mixed Aspen		17	Cords		
	B. T. Aspen		17	Cords		
	Red Maple		10	Cords		
	Paper Birch		2	Cords		
	Red Maple		8	Cords		
	Red Pine		13	Cords		
White Pine		7	Cords			
5	Balsam Fir	Pulpwood	4	Cords	5.1	\$1,298.70
	Black Spruce		2	Cords		
	Jack Pine		22	Cords		
	Mixed Aspen		42	Cords		
	B. T. Aspen		42	Cords		
	Red Maple		3	Cords		
	Red Maple	Sawtimber	0.6	MBF		
	Red Maple	Pulpwood	2	Cords		
	Red Pine		5	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	White Pine	Pulpwood	2	Cords		
TOTAL:			115.2	MBF		
TOTAL:			756	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: C136 Isolated Mix**

**Sale Number: 54-038-24 Seq#: 2**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted Boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 2-5, cut all trees that are two (2) inches or more at DBH, except protect and do not cut green painted trees in Payment Units 2 and 4.

In addition, within Payment Units 2 and 5, protect and do not cut sub-merchantable white pine and red pine seedlings and saplings in accordance with sale spec 3.4.1.

Furthermore, within Payment Unit 4, protect and do not cut sub-merchantable pine and spruce seedlings and saplings in accordance with sale spec 3.4.1.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

Orange marked habitat trees in Payment Units 2, 4, and 5 are to be handled as detailed in accordance with sale spec 5.2.4.7.

##### 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.

#### 2.2 - Utilization

##### 2.2.6 - Roundwood Operation Required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit 1. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) \$25,000 in value or greater 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 (12/24)

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

Within Payment Units 2 and 5, if more than 25% of red pine and white pine seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$250 per acre for all acreage within that specified portion of the Sale Area that was damaged.

Within Payment Unit 4, if more than 25% of spruce and pine seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$250 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Payment Unit 1, if more than 5% of undesignated 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.

#### 3.4.2 - Special Protection Trees (1/25)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint and are located in Payment Units 2 and 4. If Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.3 - Slash and Earthen Piles (8/04)

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

##### 4.1.6 - Road Construction (4/24)

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 or 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.

##### 4.1.11 - Permits (2/12)

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

##### 4.1.12 - No New Roads (1/12)

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

#### 4.2 - Maintenance

##### 4.2.2 - Fill Material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

##### 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 14 days 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.

### 5.2 - 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.

##### 5.2.1.10 - No Slash in Openings (5/10)

No brush or logging debris is to be left in any opening used for harvest operations. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 5.2.2 - Hazard Trees/Snags

##### 5.2.2.1 - Den Trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.1 - Operating Restrictions (9/11)

Within Payment Unit(s) 3-5, unless changed by written agreement, cutting and skidding are limited to dry summer or frozen winter conditions. This restriction is in place to reduce impact on wet soils. The Purchaser must contact and obtain approval from the Sale Administrator before entering these Payment Units.

##### 5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

##### 5.2.3.6 - Bark Beetle Restriction (1/25)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two (2) inches in diameter are removed from the Sale Area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within 15 days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

##### 5.2.3.11 - Coppice Regeneration Protection (4/10)

To promote tree regeneration in Payment Units 2-5, timber harvesting must be completed before significant tree 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. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.7 - Dead and Down Creation: Hare, Grouse, Deer and Other Species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over orange painted trees after all designated wood has been forwarded from Payment Units 2, 4, and 5. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over.

#### 5.2.32 - Decking/Landing Restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered

away from landing and loading areas and may not be windrowed on the edge.

#### 5.2.38 - No Decking Against Live Trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

### 5.4 - Soil Protection

#### 5.4.1 - Rutting Restriction, General (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

### 5.8 - Protection of Endangered Species

#### 5.8.5 - Protection of Raptor Nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an onsite evaluation and recommendation can be made, if necessary.

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

## 7 - Other Conditions

### 7.2 - Extensions

#### 7.2.5 - Weather-Related Extension (1/13)

If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather-related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.

**TIMBER SALE MAP**

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

Sale Number	Date
<b>54-038-24</b>	09/26/2024

Forest Management Unit	County	Mapped By: Parris	Scale	Page	Of
Atlanta Mgt Unit	Presque Isle	Cruised By: Neff, Bundschuh	1:10,000	1	1

Township	Range	Section(s) and Subdivision(s)
34N	04E	Sec. 11 SE; Sec. 13 W1/2NW; Sec. 14 NENE,S1/2NE;

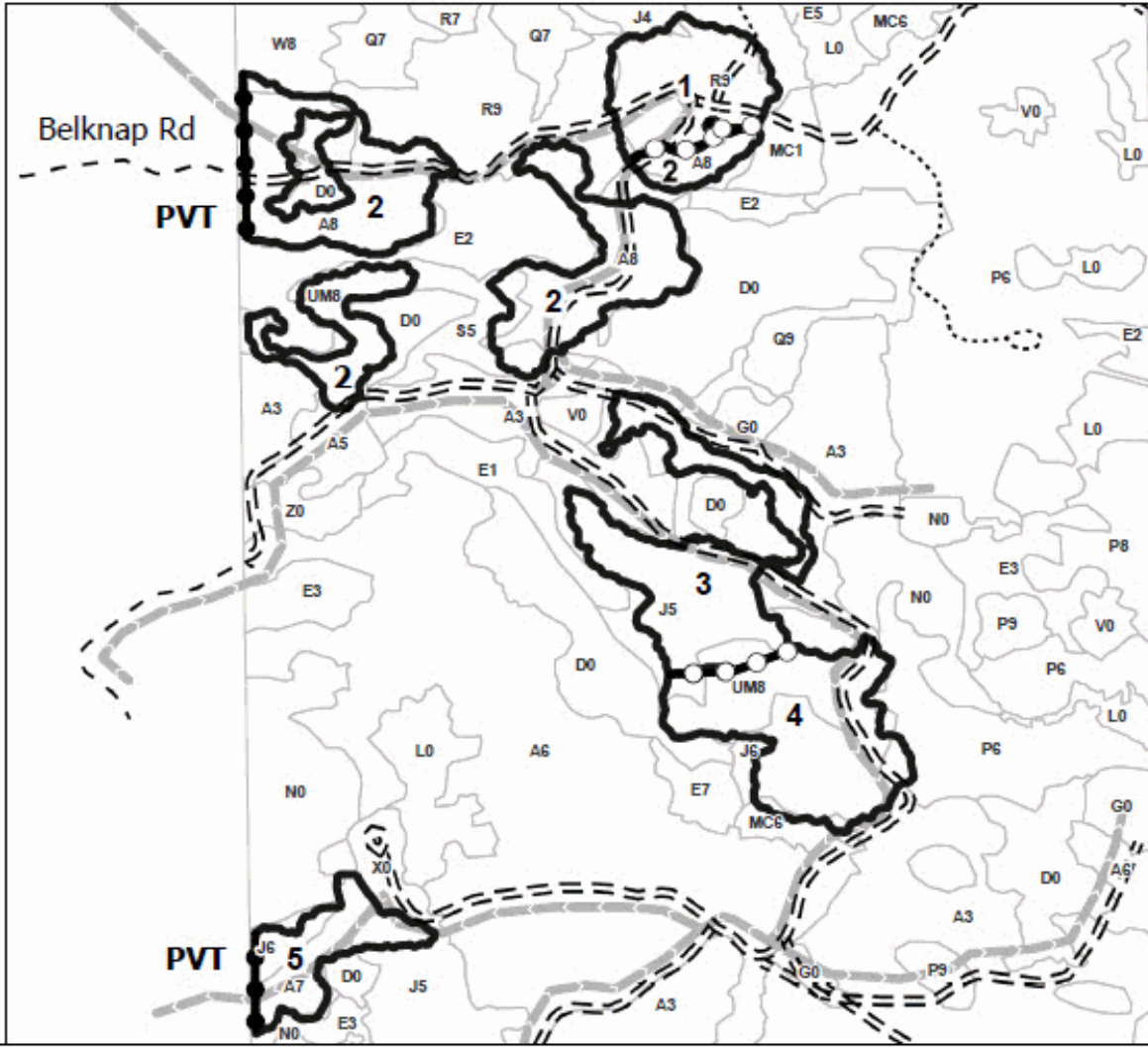
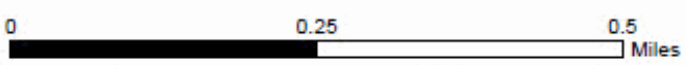
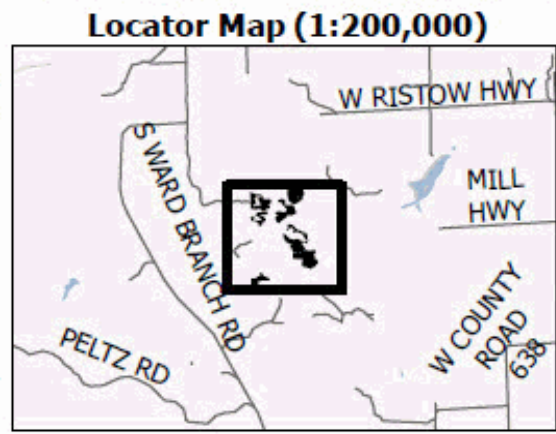
Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, 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	7.5
2	24
3	11.6
4	12.4
5	5.1

**C136 Isolated Mix**  
**61.2 Acres**

Map Note: Access into sale area will be from Belknap Rd off Ward Branch Rd.



Legend	
	Sale Boundary (Red)
	Payment Unit (Yellow)
	Private Line (Blue)
	Stand
	Pipeline
	Primary Forest Road
	Forest Access Route
	Administrative Access Only
	Paved Road
	County Gravel/Dirt
	Private Gravel/Dirt

Use QR Code to open Map in App





Ward Branch Mix (54-030-24)  
T34N, R04E, SEC. 22; T34N, R04E, SEC. 23; Presque Isle COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on March 18, 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>			
Red Maple	17.5 MBF	\$ 55.00/MBF	\$ _____
Red Oak	107.2 MBF	\$ 182.00/MBF	\$ _____
Red Pine	40.1 MBF	\$ 121.00/MBF	\$ _____
Sugar Maple	5.8 MBF	\$ 250.00/MBF	\$ _____
White Pine	45.6 MBF	\$ 88.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	12 Cords	\$ 17.05/Cord	\$ _____
Jack Pine	38 Cords	\$ 13.30/Cord	\$ _____
Mixed Aspen	739 Cords	\$ 19.40/Cord	\$ _____
Mixed Hardwood	237 Cords	\$ 19.80/Cord	\$ _____
Paper Birch	22 Cords	\$ 13.75/Cord	\$ _____
Red Oak	182 Cords	\$ 23.65/Cord	\$ _____
Red Pine	99 Cords	\$ 36.55/Cord	\$ _____
White Pine	103 Cords	\$ 27.75/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 16.72 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.
- 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

Higgle Wiggle Red Pine (54-032-24)  
T36N, R01E, SEC. 11; T36N, R01E, SEC. 14; Cheboygan COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on March 18, 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>
Sawtimber			
Red Oak	170.6 MBF	\$ 182.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	57 Cords	\$ 19.40/Cord	\$ _____
Jack Pine	16 Cords	\$ 13.30/Cord	\$ _____
Red Maple	9 Cords	\$ 19.80/Cord	\$ _____
Red Oak	563 Cords	\$ 23.65/Cord	\$ _____
Red Pine	6,359 Cords	\$ 36.55/Cord	\$ _____
White Pine	37 Cords	\$ 27.75/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 10.04 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**



# 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.

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

## 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



C136 Isolated Mix (54-038-24)

T34N, R04E, SEC. 11; T34N, R04E, SEC. 13; T34N, R04E, SEC. 14; Presque Isle

In response to the notice of sale to be held 10:00 a.m. (local time) on March 18, 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>			
Red Pine	52.1 MBF	\$ 105.00/MBF	\$ _____
White Pine	63.1 MBF	\$ 77.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	18 Cords	\$ 14.75/Cord	\$ _____
Black Spruce	103 Cords	\$ 10.05/Cord	\$ _____
Jack Pine	164 Cords	\$ 11.55/Cord	\$ _____
Mixed Aspen	188 Cords	\$ 16.85/Cord	\$ _____
Red Maple	78 Cords	\$ 17.15/Cord	\$ _____
Red Oak	13 Cords	\$ 20.50/Cord	\$ _____
Red Pine	128 Cords	\$ 31.65/Cord	\$ _____
White Pine	64 Cords	\$ 24.05/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 17.61 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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  - 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**

Doriva Mix (54-017-24)  
T36N, R01E, SEC. 14; Cheboygan COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on March 18, 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	49.6 MBF	\$ 104.00/MBF	\$ _____
Red Oak	286.0 MBF	\$ 182.00/MBF	\$ _____
Red Pine	151.0 MBF	\$ 121.00/MBF	\$ _____
White Pine	16.4 MBF	\$ 88.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	231 Cords	\$ 19.40/Cord	\$ _____
Mixed Oak	344 Cords	\$ 23.65/Cord	\$ _____
Red Maple	21 Cords	\$ 19.80/Cord	\$ _____
Red Pine	222 Cords	\$ 36.55/Cord	\$ _____
White Pine	57 Cords	\$ 27.75/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 15.61 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**



# 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.

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

## VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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\_\_\_\_\_ 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