



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6949

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on October 27, 2021.

LOCATION: **BALDWIN OFFICE, 2468 W 24TH STREET, BALDWIN, MI 49304.**

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

Northside Red Pine (63-001-21) / T24N, R09W, SEC. 22, N1/2SW,N1/2SE.

Wexford County, Advertised Price \$121,276.40, 89.1 Acres, Red Pine, Hardwood.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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.

Manton Mix (63-003-21) / T24N, R09W, SEC. 21, S1/2NE.

T24N, R09W, SEC. 22, SWNW,NWSW.

Wexford County, Advertised Price \$23,177.15, 40.8 Acres, Hardwood, Red Pine.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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.

North Manton Aspen (63-004-21) / T24N, R09W, SEC. 13, S1/2SW.

T24N, R09W, SEC. 22, NESE.

T24N, R09W, SEC. 23, NENE,SW.

T24N, R09W, SEC. 24, NW,N1/2SW.

Wexford County, Advertised Price \$70,785.35, 144.9 Acres, Jack Pine, Aspen.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

BID INSTRUCTIONS (VER. 07/02/2018):

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

Bids must be received by the Unit Manager, BALDWIN OFFICE, 2468 W 24th Street, Baldwin, MI 49304, no later than 3:00 p.m. (local time) on October 27, 2021. For further information concerning this sale, contact Joe Ventinglia at 231-824-3591 extension 11.

2. Bidder's Qualifications (5/16)

Purchaser shall obtain workers 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. 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 contract. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

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

4. Submission of Sealed Bids (5/16)

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

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

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

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

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

6. Award of Contract (1/11)

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

7. Down Payment (1/11)

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

8. Performance Security (1/11)

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

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

9. Timber Sale Contract (7/18)

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

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

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (7/16)

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.

11. Certification and Chain-of-Custody (10/14)

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.

12. Good Neighbor Authority (GNA) Requirements (7/16)

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).

13. Good Neighbor Authority (GNA) Requirements, con't (9/16)

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.

DAN EICHINGER
Director

TIMBER SALE INFORMATION

Northside Red Pine (63-001-21)
T24N, R09W, SEC. 22.
Wexford County (Advertised Price \$121,276.40)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Oak	35.0 MBF	\$ 136.00 / MBF
Red Pine	1,126.2 MBF	\$ 78.00 / MBF
White Oak	10.9 MBF	\$ 62.00 / MBF
Pulpwood		
B. T. Aspen	8 Cords	\$ 14.25 / Cord
Jack Pine	19 Cords	\$ 9.60 / Cord
Mixed Oak	122 Cords	\$ 13.45 / Cord
Red Maple	9 Cords	\$ 10.75 / Cord
Red Pine	767 Cords	\$ 33.85 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 5.50 percent. There are an estimated 3,347 cords on this timber sale, plus or minus 184 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$6,064.00 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	15.7%
02	50.6%
03	33.7%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2023.

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
264,410	3,347	5.50%	3,163	3,531

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
21	216,334	2,738	6.38%	2,564	2,913
23	1,898	24	11.11%	21	27
53	39,957	506	8.76%	461	550
TOTAL:	258,189	3,268		3,047	3,490

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
21	66.0	2	39.9
		3	26.1
23	2.8	3	2.8
53	20.3	1	20.3
TOTAL:	89.1		89.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Red Oak	Sawtimber	16.7	MBF	20.3	\$19,002.00			
	Red Pine		162.3	MBF					
	Mixed Oak	Pulpwood	46	Cords					
	<i>Red Oak</i>		21	<i>Cords</i>					
	<i>White Oak</i>		25	<i>Cords</i>					
	Red Pine		102	Cords					
	2	Red Oak	Sawtimber	9.9			MBF	39.9	\$61,448.55
Red Pine			581.9	MBF					
White Oak			6.6	MBF					
B. T. Aspen		Pulpwood	5	Cords					
<i>B. T. Aspen</i>		<i>Sawtimber</i>	1.5	<i>MBF</i>					
<i>B. T. Aspen</i>		<i>Pulpwood</i>	2	<i>Cords</i>					
Jack Pine			12	Cords					
<i>Jack Pine</i>		<i>Sawtimber</i>	0.8	<i>MBF</i>					
<i>Jack Pine</i>		<i>Pulpwood</i>	10	<i>Cords</i>					
Mixed Oak			39	Cords					
<i>Red Oak</i>			26	<i>Cords</i>					
<i>White Oak</i>			13	<i>Cords</i>					
Red Maple			5	Cords					
<i>Red Maple</i>		<i>Sawtimber</i>	1.3	<i>MBF</i>					
<i>Red Maple</i>		<i>Pulpwood</i>	2	<i>Cords</i>					
Red Pine			400	Cords					
3		Red Oak	Sawtimber	8.4	MBF	28.9	\$40,836.60		
		Red Pine		382.0	MBF				
	White Oak		4.3	MBF					
	B. T. Aspen	Pulpwood	3	Cords					
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	1.0	<i>MBF</i>					
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	1	<i>Cords</i>					
	Jack Pine		7	Cords					
	<i>Jack Pine</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>					
	<i>Jack Pine</i>	<i>Pulpwood</i>	6	<i>Cords</i>					
	Mixed Oak		37	Cords					
	<i>Red Oak</i>		19	<i>Cords</i>					
	<i>White Oak</i>		18	<i>Cords</i>					
	Red Maple		5	Cords					
	<i>Red Maple</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>					
	<i>Red Maple</i>	<i>Pulpwood</i>	3	<i>Cords</i>					
	Red Pine		265	Cords					
TOTAL:			1,172.1	MBF					
TOTAL:			926	Cords					

Sale Specific Conditions & Requirements

Sale Name: Northside Red Pine

Sale Number: 63-001-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. Retention also shown on Timber Sale Map.

2 - Timber Specifications

2.1 - Included Timber

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

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

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

Within Payment Unit(s) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization. Protect understory as much as possible during harvest. As well avoid retention island as shown on Timber Sale Map.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 2 and 3 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. If market conditions limit the practicality of chipping, the Purchaser may skid all remaining topwood out of these Payment Units and scatter in locations approved by the sale administrator. If the deadline is not met, damages will be collected determined by the cost to complete this work.

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 2 and 3 shall not exceed 6 inches for all trees. This is to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

4 - Transportation

4.1 - Construction

4.1.12 - 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

4.2.5 - 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 in a Payment Unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 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 3 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

5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1 cutting and skidding are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail runs along south end of Payment Unit 3 and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. The snowmobile trail will not be needed for access/skidding as roads to west can be used. 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. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

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



TIMBER SALE MAP

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

Forest Management Unit Cadillac	County Wexford	Mapped By Ventimiglia	Date 04/26/2021	Page 1	of 1
Township 24N	Range 09W	Section(s) and Subdivision(s) N1/2 SE, N1/2 SW	Scale 1:15,840		

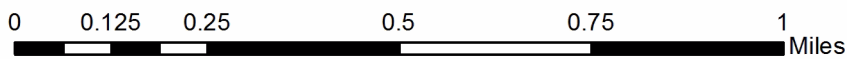
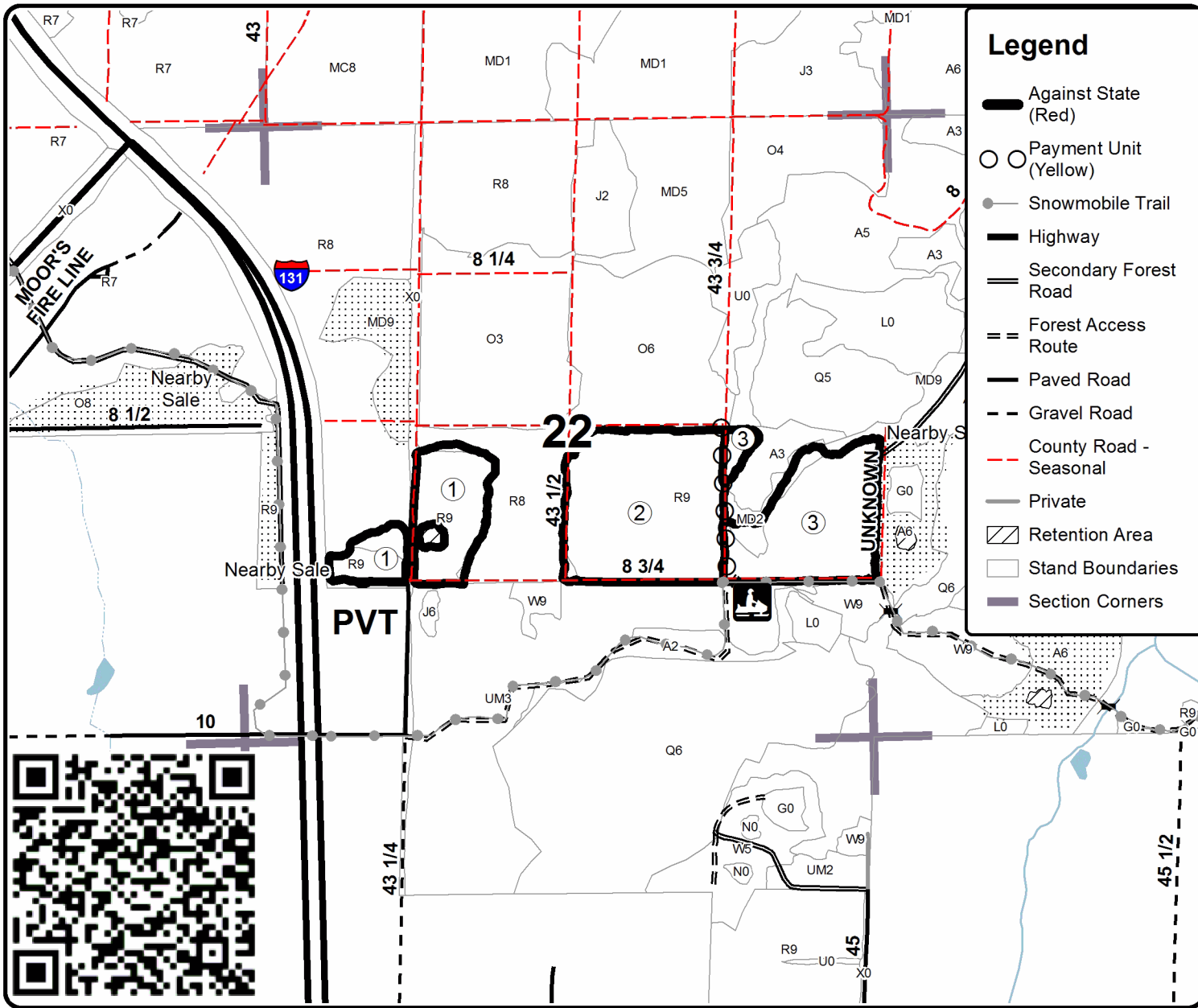
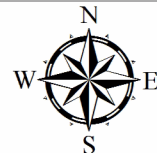
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Mixed	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres
1	20.3
2	39.9
3	28.9

Northside Red Pine

Compartment 138

89.1 Acres



TIMBER SALE INFORMATION

Manton Mix (63-003-21)

T24N, R09W, SEC. 21; T24N, R09W, SEC. 22.
Wexford County (Advertised Price \$23,177.15)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
BI/R/Hybrid Oak	48.1 MBF	\$ 39.00 / MBF
Jack Pine	7.1 MBF	\$ 19.00 / MBF
Red Maple	39.7 MBF	\$ 50.00 / MBF
Red Pine	151.7 MBF	\$ 71.00 / MBF
White Oak	26.4 MBF	\$ 57.00 / MBF
Pulpwood		
Jack Pine	79 Cords	\$ 8.75 / Cord
Mixed Aspen	22 Cords	\$ 12.95 / Cord
Mixed Oak	153 Cords	\$ 12.25 / Cord
Red Maple	119 Cords	\$ 9.75 / Cord
Red Pine	94 Cords	\$ 30.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 8.04 percent. There are an estimated 1,065 cords on this timber sale, plus or minus 86 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 \$1,159.00 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	41.9%
02	28.0%
03	30.1%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2023.

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
84,136	1,065	8.04%	979	1,151

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
4	36,331	460	11.94%	405	515
6	27,819	352	12.04%	310	395
7	15,770	200	20.88%	158	241
TOTAL:	79,920	1,012		873	1,151

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
4	22.0	1	22.0
6	14.2	3	14.2
7	4.6	2	4.6
TOTAL:	40.8		40.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	BI/R/Hybrid Oak	Sawtimber	15.6	MBF	22.0	\$9,703.95	
	<i>Red Oak</i>		15.6	<i>MBF</i>			
	Jack Pine		3.9	MBF			
	Red Maple		21.7	MBF			
	Red Pine		65.2	MBF			
	White Oak		5.0	MBF			
	Jack Pine		Pulpwood	64			Cords
	Mixed Aspen			16			Cords
	<i>Quaking Aspen</i>			16			<i>Cords</i>
	Mixed Oak			109			Cords
	<i>Red Oak</i>			82			<i>Cords</i>
	<i>White Oak</i>			27			<i>Cords</i>
	Red Maple			28			Cords
	Red Pine			21			Cords
2	BI/R/Hybrid Oak	Sawtimber	2.3	MBF	4.6	\$6,486.45	
	<i>BI/R/Hybrid Oak</i>		2.3	<i>MBF</i>			
	Jack Pine		2.5	MBF			
	Red Pine		63.6	MBF			
	Jack Pine		Pulpwood	4			Cords
	Mixed Oak			1			Cords
	<i>BI/R/Hybrid Oak</i>			1			<i>Cords</i>
	Red Pine			58			Cords
3	BI/R/Hybrid Oak	Sawtimber	30.2	MBF	14.2	\$6,986.75	
	<i>Red Oak</i>		30.2	<i>MBF</i>			
	Jack Pine		0.7	MBF			
	Red Maple		18.0	MBF			
	Red Pine		22.9	MBF			
	White Oak		21.4	MBF			
	Jack Pine		Pulpwood	11			Cords
	Mixed Aspen			6			Cords
	<i>B. T. Aspen</i>			3			<i>Cords</i>
	<i>Quaking Aspen</i>			3			<i>Cords</i>
	Mixed Oak			43			Cords
	<i>Red Oak</i>			29			<i>Cords</i>
	<i>White Oak</i>			14			<i>Cords</i>
	Red Maple			91			Cords
Red Pine	15	Cords					
TOTAL:			273.0	MBF			
TOTAL:			467	Cords			

Sale Specific Conditions & Requirements

Sale Name: Manton Mix

Sale Number: 63-003-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is marked in red paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 2, cut all trees that are three (3) inches or more at DBH. Leave all trees marked in green paint.

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 1 and 3, all trees with DBH equal to or greater than 4 inches in diameter which meet minimum piece specifications in 2.2 Utilization, are designated for cutting.

4 - Transportation

4.1 - Construction

4.1.12 - No new roads (1/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 3 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 3 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

5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-3 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. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail runs through Payment Unit 1 and 2. Do not cut or damage posts with orange trail markers or traffic control signs. 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. In addition, any trees cut within 5 feet of

the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

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



TIMBER SALE MAP

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

Sale Number	Year
63-003-21	21

Forest Management Unit Cadillac	County Wexford	Mapped By Ventimiglia	Date 05/07/21	Page 1	of 1
Township 24N	Range 09W	Section(s) and Subdivision(s) Section 21 and 22	Scale 1:15,840		

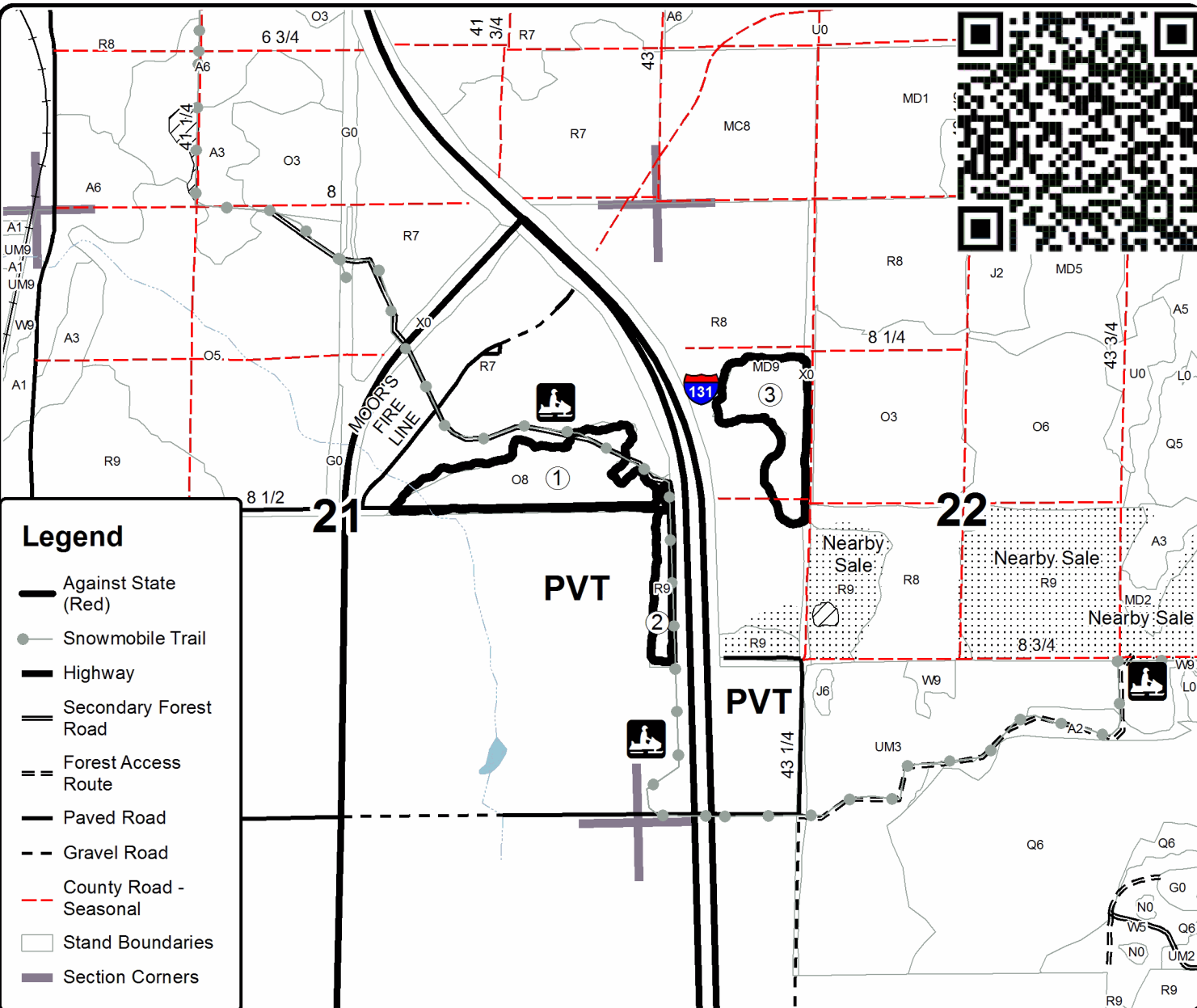
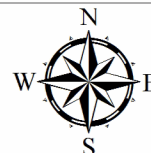
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres
1	22
2	4.6
3	14.2

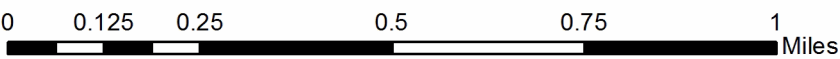
Manton Mix

Compartment 138

40.9 Acres



Legend	
	Against State (Red)
	Snowmobile Trail
	Highway
	Secondary Forest Road
	Forest Access Route
	Paved Road
	Gravel Road
	County Road - Seasonal
	Stand Boundaries
	Section Corners



TIMBER SALE INFORMATION

North Manton Aspen (63-004-21)

T24N, R09W, SEC. 13; T24N, R09W, SEC. 22; T24N, R09W, SEC. 23; T24N, R09W, SEC. 24.
Wexford County (Advertised Price \$70,785.35)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Mixed Aspen	365.5 MBF	\$ 77.00 / MBF
Red Maple	44.4 MBF	\$ 50.00 / MBF
Red Oak	12.4 MBF	\$ 124.00 / MBF
Red Pine	17.3 MBF	\$ 71.00 / MBF
White Pine	182.5 MBF	\$ 52.00 / MBF
Pulpwood		
Balsam Fir	50 Cords	\$ 6.65 / Cord
Jack Pine	1,346 Cords	\$ 8.75 / Cord
Mixed Aspen	676 Cords	\$ 12.95 / Cord
Mixed Hardwood	206 Cords	\$ 9.75 / Cord
Mixed Oak	49 Cords	\$ 12.25 / Cord
White Pine	494 Cords	\$ 9.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 5.81 percent. There are an estimated 4,210 cords on this timber sale, plus or minus 245 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 \$3,539.00 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	8.9%
02	11.7%
03	37.1%
04	42.3%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2023.

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
332,590	4,210	5.81%	3,965	4,455

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	31,285	396	23.39%	303	489
44	46,993	595	15.54%	502	687
65	242,991	3,076	6.42%	2,878	3,273
TOTAL:	321,269	4,067		3,684	4,449

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	13.3	1	13.3
44	25.2	2	25.2
65	106.4	3	49.8
		4	56.6
TOTAL:	144.9		144.9

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Mixed Aspen	Sawtimber	26.2	MBF	13.3	\$6,302.05			
	<i>B. T. Aspen</i>		26.2	<i>MBF</i>					
	Red Maple		3.9	MBF					
	Red Oak		1.9	MBF					
	Balsam Fir		Pulpwood	30			Cords		
	Mixed Aspen			214			Cords		
	<i>B. T. Aspen</i>			214			<i>Cords</i>		
	Mixed Hardwood			73			Cords		
	<i>Black Cherry</i>			24			<i>Cords</i>		
	<i>Red Maple</i>			49			<i>Cords</i>		
	Mixed Oak			14			Cords		
	<i>White Oak</i>			Sawtimber			2.9	<i>MBF</i>	
	<i>Red Oak</i>						Pulpwood	5	<i>Cords</i>
	<i>White Oak</i>							3	<i>Cords</i>
2	Mixed Aspen	Sawtimber	18.5	MBF	25.2	\$8,309.25			
	<i>B. T. Aspen</i>		18.5	<i>MBF</i>					
	Balsam Fir		Pulpwood	14			Cords		
	Mixed Aspen			462			Cords		
	<i>B. T. Aspen</i>			462			<i>Cords</i>		
	Mixed Hardwood			36			Cords		
	<i>Red Maple</i>			36			<i>Cords</i>		
	Mixed Oak			11			Cords		
	<i>Red Oak</i>			11			<i>Cords</i>		
	White Pine			34			Cords		
<i>White Pine</i>	34	<i>Cords</i>							
3	Mixed Aspen	Sawtimber	150.1	MBF	49.8	\$26,270.90			
	<i>B. T. Aspen</i>		6.4	<i>MBF</i>					
	<i>Quaking Aspen</i>		143.7	<i>MBF</i>					
	Red Maple		19.0	MBF					
	Red Oak		4.9	MBF					
	Red Pine		8.1	MBF					
	White Pine		85.4	MBF					
	Balsam Fir		Pulpwood	3			Cords		
	Jack Pine			629			Cords		
	<i>Jack Pine</i>			Sawtimber			2.2	<i>MBF</i>	
	<i>B. T. Aspen</i>						Pulpwood	40	<i>Cords</i>
	<i>Jack Pine</i>							18	<i>Cords</i>
	<i>Quaking Aspen</i>							567	<i>Cords</i>
	Mixed Hardwood			45				Cords	
	<i>Black Cherry</i>			5			<i>Cords</i>		
	<i>Red Maple</i>			40			<i>Cords</i>		
	Mixed Oak			11			Cords		
	<i>Red Oak</i>			8			<i>Cords</i>		
	<i>White Oak</i>			3			<i>Cords</i>		
	White Pine			215			Cords		
	<i>Red Pine</i>			2			<i>Cords</i>		
<i>White Pine</i>	213	<i>Cords</i>							
4	Mixed Aspen	Sawtimber	170.7	MBF	56.6	\$29,903.15			
	<i>B. T. Aspen</i>		7.3	<i>MBF</i>					
	<i>Quaking Aspen</i>		163.4	<i>MBF</i>					
	Red Maple		21.5	MBF					
	Red Oak		5.6	MBF					
	Red Pine		9.2	MBF					
	White Pine		97.1	MBF					
	Balsam Fir		Pulpwood	3			Cords		
	Jack Pine			717			Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>Jack Pine</i>	<i>Sawtimber</i>	2.5	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	46	<i>Cords</i>		
	<i>Jack Pine</i>		21	<i>Cords</i>		
	<i>Quaking Aspen</i>		645	<i>Cords</i>		
	Mixed Hardwood		52	<i>Cords</i>		
	<i>Black Cherry</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		46	<i>Cords</i>		
	Mixed Oak		13	<i>Cords</i>		
	<i>Red Oak</i>		10	<i>Cords</i>		
	<i>White Oak</i>		3	<i>Cords</i>		
	White Pine		245	<i>Cords</i>		
	<i>Red Pine</i>		3	<i>Cords</i>		
	<i>White Pine</i>		242	<i>Cords</i>		
TOTAL:			622.1	MBF		
TOTAL:			2,821	Cords		

Sale Specific Conditions & Requirements

Sale Name: North Manton Aspen

Sale Number: 63-004-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked with red and blue paint. Timber type edge will be used for interior portion of Payment Units 3 and 4 where mature aspen meets recent aspen regeneration (Marked as A3 on Timber Sale Map). 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 separating Payment Unit 3 and 4 will be 47 1/2 road. Retention patches are marked with red paint; no harvesting activities may occur within these areas (See Timber Sale Map for locations). The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 2-4, cut all trees that are three (3) inches or more at DBH, except white pine that is 3 inches or less at DBH which should be protected as much as practical during sale operations. In addition, leave any green marked trees if present in these Payment Units. A retention island is present in Payment Unit 2 and is marked in red paint as shown on Timber Sale Map.

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

Within Payment Unit(s) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization, except leave all white pine regardless of merchantability. As well leave retention island marked in red and shown on Timber Sale Map.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 3 and 4 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

4 - Transportation

4.1 - Construction

4.1.1 - Stream crossings, general (3/11)

All stream crossing structures will be temporary and therefore, shall be provided by the Purchaser, and must be removed upon completion of the sale. All permits for stream crossings will be provided by the DNR. In Payment Unit 2, the DNR has current plans to build new bridges over small streams on the snowmobile trail in upcoming years, but the exact timeframe is not known. If not in place by time of the sale, temporary crossings will be required to cross small streams as current bridges are too weak to support log trucks or skidder traffic.

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

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 3 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 3 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

5.2.1.10 - 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. This applies to Payment Units 1 and 3. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

5.2.3 - Operating Restrictions

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit to minimize damage to the new regeneration.

5.2.4 - Dead and Down Creation

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

To encourage grouse and other wildlife, in Payment Unit(s) 1-4, leave one, 10" diameter or larger log-length (8 foot minimum) piece on the ground for every 4 acres. These trees will be evenly scattered throughout the Payment Unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

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

The ORV trail or route runs through Payment Unit 4 and is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the sale administrator.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail runs through all Payment Units of this sale and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. If the trail 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. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

5.2.43 - Opening protection (2/21)

No activities are permitted in openings marked on the Timber Sale Map with the letter "G". Any damage to the openings shall be repaired according to specifications of the Unit Manager or his/her representative. This spec refers to wildlife opening in Payment Unit 1 and edge of Payment Unit 3.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the

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

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ORV trails in Payment Unit 4 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.

Forest Management Unit Cadillac		County Wexford	Mapped By Ventimiglia	Date 05/17/21	Page 1	of 1
Township 24N	Range 09W	Section(s) and Subdivision(s) Section 23 and 24 various		Scale 1:15,840		

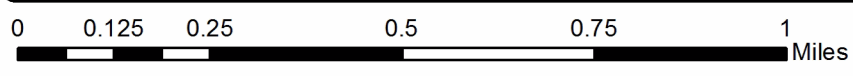
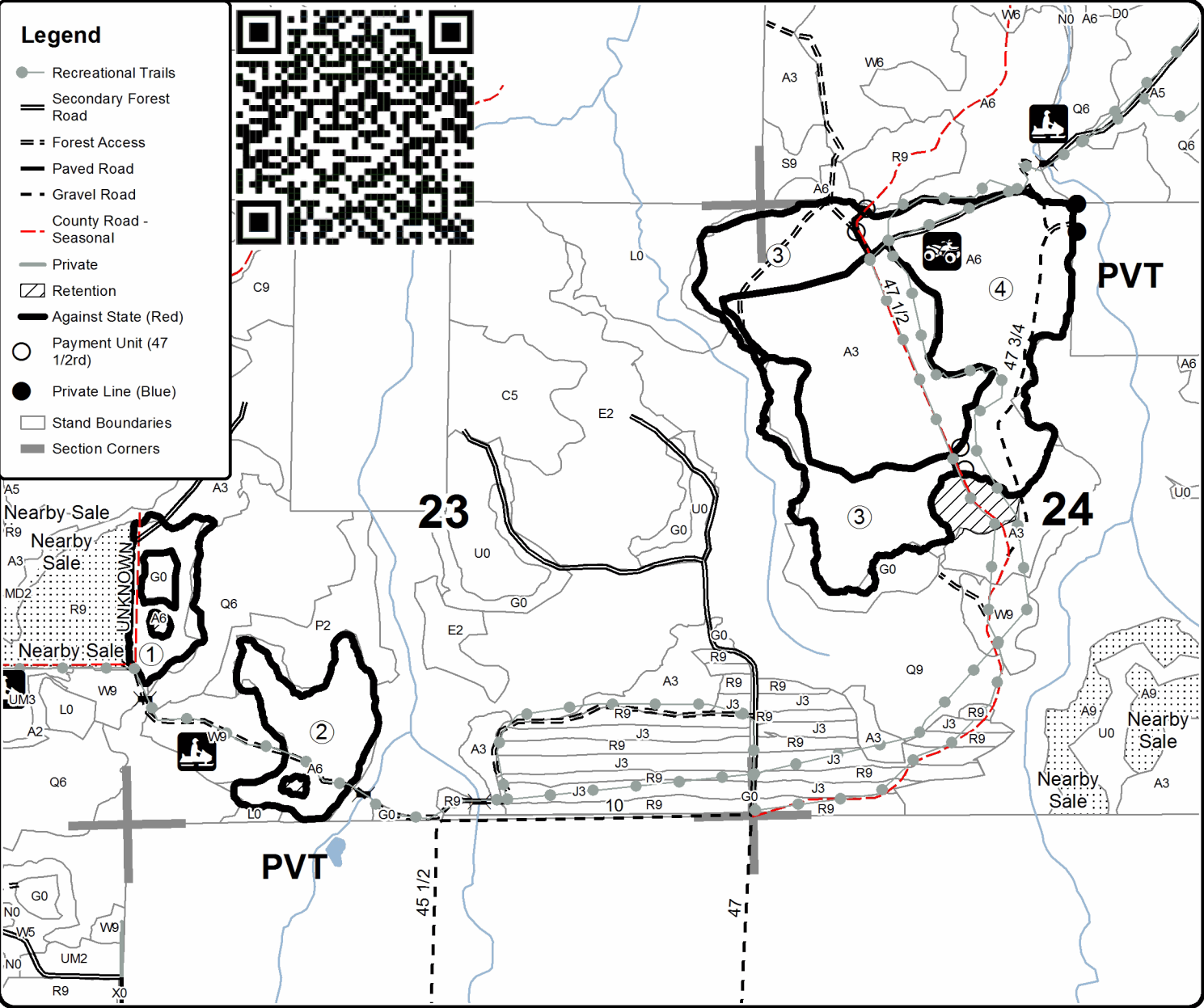
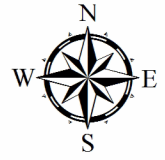
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	13.3	4	56.6
2	25.2		
3	49.8		

North Manton Aspen

Compartment 138

144.9 Acres



Northside Red Pine (63-001-21)
T24N, R09W, SEC. 22; Wexford COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on October 27, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Red Oak	35.0 MBF	\$ 136.00/MBF	\$ _____
Red Pine	1,126.2 MBF	\$ 78.00/MBF	\$ _____
White Oak	10.9 MBF	\$ 62.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	8 Cords	\$ 14.25/Cord	\$ _____
Jack Pine	19 Cords	\$ 9.60/Cord	\$ _____
Mixed Oak	122 Cords	\$ 13.45/Cord	\$ _____
Red Maple	9 Cords	\$ 10.75/Cord	\$ _____
Red Pine	767 Cords	\$ 33.85/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 5.50 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____

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



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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

Please Check Appropriate Categories:

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

_____ Full-time Employees

_____ Part-time Employees

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

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

Signature of Owner or Authorized Representative

Title

Date

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

Manton Mix (63-003-21)
T24N, R09W, SEC. 21; T24N, R09W, SEC. 22; Wexford COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on October 27, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Bl/R/Hybrid Oak	48.1 MBF	\$ 39.00/MBF	\$ _____
Jack Pine	7.1 MBF	\$ 19.00/MBF	\$ _____
Red Maple	39.7 MBF	\$ 50.00/MBF	\$ _____
Red Pine	151.7 MBF	\$ 71.00/MBF	\$ _____
White Oak	26.4 MBF	\$ 57.00/MBF	\$ _____
Pulpwood			
Jack Pine	79 Cords	\$ 8.75/Cord	\$ _____
Mixed Aspen	22 Cords	\$ 12.95/Cord	\$ _____
Mixed Oak	153 Cords	\$ 12.25/Cord	\$ _____
Red Maple	119 Cords	\$ 9.75/Cord	\$ _____
Red Pine	94 Cords	\$ 30.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 8.04 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

North Manton Aspen (63-004-21)
T24N, R09W, SEC. 13; T24N, R09W, SEC. 22; T24N, R09W, SEC. 23; T24N,

In response to the notice of sale to be held 3:00 p.m. (local time) on October 27, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Mixed Aspen	365.5 MBF	\$ 77.00/MBF	\$ _____
Red Maple	44.4 MBF	\$ 50.00/MBF	\$ _____
Red Oak	12.4 MBF	\$ 124.00/MBF	\$ _____
Red Pine	17.3 MBF	\$ 71.00/MBF	\$ _____
White Pine	182.5 MBF	\$ 52.00/MBF	\$ _____
Pulpwood			
Balsam Fir	50 Cords	\$ 6.65/Cord	\$ _____
Jack Pine	1,346 Cords	\$ 8.75/Cord	\$ _____
Mixed Aspen	676 Cords	\$ 12.95/Cord	\$ _____
Mixed Hardwood	206 Cords	\$ 9.75/Cord	\$ _____
Mixed Oak	49 Cords	\$ 12.25/Cord	\$ _____
White Pine	494 Cords	\$ 9.50/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 5.81 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.

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FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

Phone number : _____ Email (optional): _____

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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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_____ Part-time Employees

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Signature of Owner or Authorized Representative

Title

Date

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