



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7024**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on August 11, 2022.

LOCATION: NEWBERRY MGMT UNIT, PO BOX 428, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.

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

Where's the Deer 2.0 (42-013-22) / T45N, R07W, SEC. 7 , W1/2SW.

T45N, R08W, SEC. 11, N1/2NE.

T45N, R08W, SEC. 12, SE.

T45N, R08W, SEC. 2 , SENW,S1/2NE,NESW,N1/2SE,SWSE.

Luce County, Advertised Price \$10,443.35, 139.1 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: This sale has been reduced by approximately 25% due to a prior "no bid" from Prospectus 6800 on January 28, 2021.

No chipping is permitted on this sale.

The county must be contacted prior to constructing roads off of the county road R-O-W. Permits from the Luce County Road Commission may be necessary.

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

Harvesting is limited to the period of December 1 to April 1 due to wet ground conditions as well as deer wintering in the area.

Some roads or skid trails may require extra protection such as that afforded by timber mats , interlocking composite mats, or another approved system. See Sale Spec. 5.2.17 for additional information.

End of the Road Jack Pine (42-024-21) / T49N, R09W, SEC. 6 , NENW,N1/2NE.

T49N, R10W, SEC. 1 , S1/2NW,SW.

T49N, R10W, SEC. 2 , S1/2SE.

T50N, R09W, SEC. 31, SESE.

Luce County, Advertised Price \$43,830.60, 96.7 Acres, Jack 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.

No new roads will be permitted in any Payment Unit. See Sale Spec 4.1.12 for specifics.

Road work may be needed. See Sale Spec 4.2.3 for details.

Permission for access across private land is the responsibility of the Purchaser.

Large bunk skidders may be something to consider when harvesting this sale. See Sale Spec 5.2.16 for additional information.

It is recommended, but not required, that harvesting occur during the late fall or early winter months because of the sandy roads.

The North Country Trail is a hiking trail that is shown on the Timber Sale Map. See Sale Spec 5.2.40 for restrictions.

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. Access may be through private or other public land.

Deer Park Jack Pine (42-025-21) / T49N, R10W, SEC. 4 , SESW,SWSE.

T49N, R10W, SEC. 6 , S1/2NW.

T49N, R10W, SEC. 8 , NENW.

T49N, R10W, SEC. 9 , NENW,W1/2NE.

Luce County, Advertised Price \$51,794.85, 74.9 Acres, Red Pine, Jack 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.

Road maintenance may be necessary. See Sale Spec 4.2.3 for additional information.

Harvesting is not permitted during the period of December 31 to April 15 because of the stump height requirement.

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

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

Bids must be received by the Unit Manager, NEWBERRY OFFICE, PO Box 428 5666 S STATE HWY M 123, NEWBERRY, MI 49868, no later than 3:00 p.m. (local time) on August 11, 2022. For further information concerning this sale, contact Keith Magnusson at 906-291-0120 extension n/a.

### 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](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. 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](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 ( $\$1,500/\$10,000 * 100$ ).

#### 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

Where's the Deer 2.0 (42-013-22)

T45N, R07W, SEC. 7; T45N, R08W, SEC. 11; T45N, R08W, SEC. 12; T45N, R08W, SEC. 2.

Luce County (Advertised Price \$10,443.35)

SALE NOTE: This sale has been reduced by approximately 25% due to a prior "no bid" from Prospectus 6800 on January 28, 2021.

No chipping is permitted on this sale.

The county must be contacted prior to constructing roads off of the county road R-O-W. Permits from the Luce County Road Commission may be necessary.

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

Harvesting is limited to the period of December 1 to April 1 due to wet ground conditions as well as deer wintering in the area.

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. See Sale Spec. 5.2.17 for additional information.

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 T-Sale computer program and our traditional volume equations. 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 Maple	8.4 MBF	\$ 50.00 / MBF
Pulpwood		
Balsam Fir	215 Cords	\$ 4.70 / Cord
Black Spruce	364 Cords	\$ 6.50 / Cord
Mixed Hardwood	842 Cords	\$ 6.15 / Cord
Quaking Aspen	101 Cords	\$ 12.55 / Cord
Tamarack	134 Cords	\$ 1.50 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 10.66 percent. There are an estimated 1,676 cords on this timber sale, plus or minus 179 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 \$1,044.00 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	16.4%
02	7.7%
03	6.7%
04	31.4%
05	21.2%
06	8.8%
07	7.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2026.

## SALE STATISTICS

**SALE VOLUMES**

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
132,418	1,676	10.66%	1,498	1,855

**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
23	0	0	17.05%	0	0
39	0	0	25.13%	0	0
41	0	0	15.42%	0	0
<b>TOTAL:</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</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
23	35.2	6	18.6
		7	16.6
39	22.2	5	22.2
41	81.7	1	21.6
		2	10.2
		3	8.6
		4	41.3
<b>TOTAL:</b>	<b>139.1</b>		<b>139.1</b>



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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	2.2	MBF	21.6	\$1,712.95
	Balsam Fir	Pulpwood	26	Cords		
	Black Spruce		62	Cords		
	Mixed Hardwood		163	Cords		
	<i>Paper Birch</i>		26	<i>Cords</i>		
	<i>Red Maple</i>		137	<i>Cords</i>		
	Quaking Aspen		6	Cords		
2	Red Maple	Sawtimber	1.0	MBF	10.2	\$806.10
	Balsam Fir	Pulpwood	12	Cords		
	Black Spruce		29	Cords		
	Mixed Hardwood		77	Cords		
	<i>Paper Birch</i>		12	<i>Cords</i>		
	<i>Red Maple</i>		65	<i>Cords</i>		
	Quaking Aspen		3	Cords		
3	Red Maple	Sawtimber	0.9	MBF	8.6	\$698.05
	Balsam Fir	Pulpwood	10	Cords		
	Black Spruce		25	Cords		
	Mixed Hardwood		66	Cords		
	<i>Paper Birch</i>		11	<i>Cords</i>		
	<i>Red Maple</i>		55	<i>Cords</i>		
	Quaking Aspen		3	Cords		
4	Red Maple	Sawtimber	4.3	MBF	41.3	\$3,281.35
	Balsam Fir	Pulpwood	49	Cords		
	Black Spruce		117	Cords		
	Mixed Hardwood		313	Cords		
	<i>Paper Birch</i>		51	<i>Cords</i>		
	<i>Red Maple</i>		262	<i>Cords</i>		
	Quaking Aspen		12	Cords		
5	Balsam Fir	Pulpwood	25	Cords	22.2	\$2,212.90
	Black Spruce		2	Cords		
	Mixed Hardwood		208	Cords		
	<i>American Elm</i>		24	<i>Cords</i>		
	<i>Green Ash</i>		5	<i>Cords</i>		
	<i>Paper Birch</i>		19	<i>Cords</i>		
	<i>Red Maple</i>		144	<i>Cords</i>		
	<i>White Ash</i>		16	<i>Cords</i>		
	Quaking Aspen		64	Cords		
6	Balsam Fir	Pulpwood	49	Cords	18.6	\$915.85
	Black Spruce		68	Cords		
	Mixed Hardwood		8	Cords		
	<i>Paper Birch</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		3	<i>Cords</i>		
	Quaking Aspen		7	Cords		
	Tamarack		71	Cords		
7	Balsam Fir	Pulpwood	44	Cords	16.6	\$816.15
	Black Spruce		61	Cords		
	Mixed Hardwood		7	Cords		
	<i>Paper Birch</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		2	<i>Cords</i>		
	Quaking Aspen		6	Cords		
	Tamarack		63	Cords		
TOTAL:			8.4	MBF		
TOTAL:			1,656	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Where's the Deer 2.0**

**Sale Number: 42-013-22 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. 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

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

Within Payment Unit(s) 1-7, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any cedar, hemlock, white pine, and trees marked with green paint.

Note: Do not cut any sub-merchantable tree species and leave as much of this sub-canopy intact. Limit equipment tracking to the same area as much as possible, as to not knock over sub-merchantable trees. See sale condition 2.1.9 for additional information.

##### 2.1.9 - Harvest exception (12/08)

Do not cut any cedar or white pine trees other than those that are necessary to remove in order to operate within the sale area. Every effort must be made to preserve the existing hemlock and to leave an intact stand upon sale completion. All cut cedar and white pine shall be piled separately by products and scaled in the woods unless other scaling arrangements are agreed to by the Unit Manager or his/her representative. Stumpage price for cedar and white pine will be \$50.00 per cord for cedar and \$100.00 per cord for white pine. Do not cut any hemlock for operability reasons.

##### 2.1.11 - Description of timber note (2/04)

Note that Payment Unit 3 is optional to harvest due to a potential active hawk nest. This will be discussed further at the time the sale is harvested and the nest can once again be evaluated.

#### 2.2 - Utilization

##### 2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1 - 7, no chipping is permitted.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.3 - Slash and earthen piles (8/04)

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

##### 4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

##### 4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale.

#### 4.3 - Public Right-of-Way

#### 4.3.2 - County R-O-W (12/06)

The county must be contacted prior to constructing roads off of the county road R-O-W. Permits from the Luce County Road Commission may be necessary.

### 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 within Payment Unit 3 to determine the activity of a raptor nest that was found during sale prep.

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

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

#### 5.2 - Conduct of Operations

##### 5.2.1 - Slash

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

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

##### 5.2.2 - Hazard Trees/Snags

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

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

##### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-7, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1 to April 1. This restriction is because of the wet ground of the site as well as deer wintering in the area.

##### 5.2.17 - Timber Mats and Interlocking Composite Mats (3/18)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$400.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

##### 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.

##### 5.4.5 - Soil caution (11/04)

Care must be taken to minimize soil damage due to the wet soil types. Tracked equipment is likely necessary for harvesting to take place.

## 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 on-site evaluation and recommendation can be made, if necessary. There was a raptor nest found in Payment Unit 3 during the time the sale was prepped. This nest site will be evaluated at the time the sale is harvested to determine activity and whether or not to exclude this unit from the sale.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on County Road 381 prior to beginning operations. The road must be posted 200 feet 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
42-004-20	20

Forest Management Unit Newberry	County Luce	Mapped By Livermore	Date 3/25/2020	Page 1	of 2
Township 45N	Range 08W	Section(s) and Subdivision(s) <b>Section 02: SENW, S½NE, NESW, N½SE, SWSE</b>	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 = Tread 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				

## Where's the Deer?

### Compartment 132

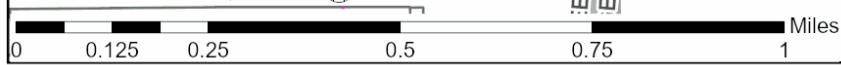
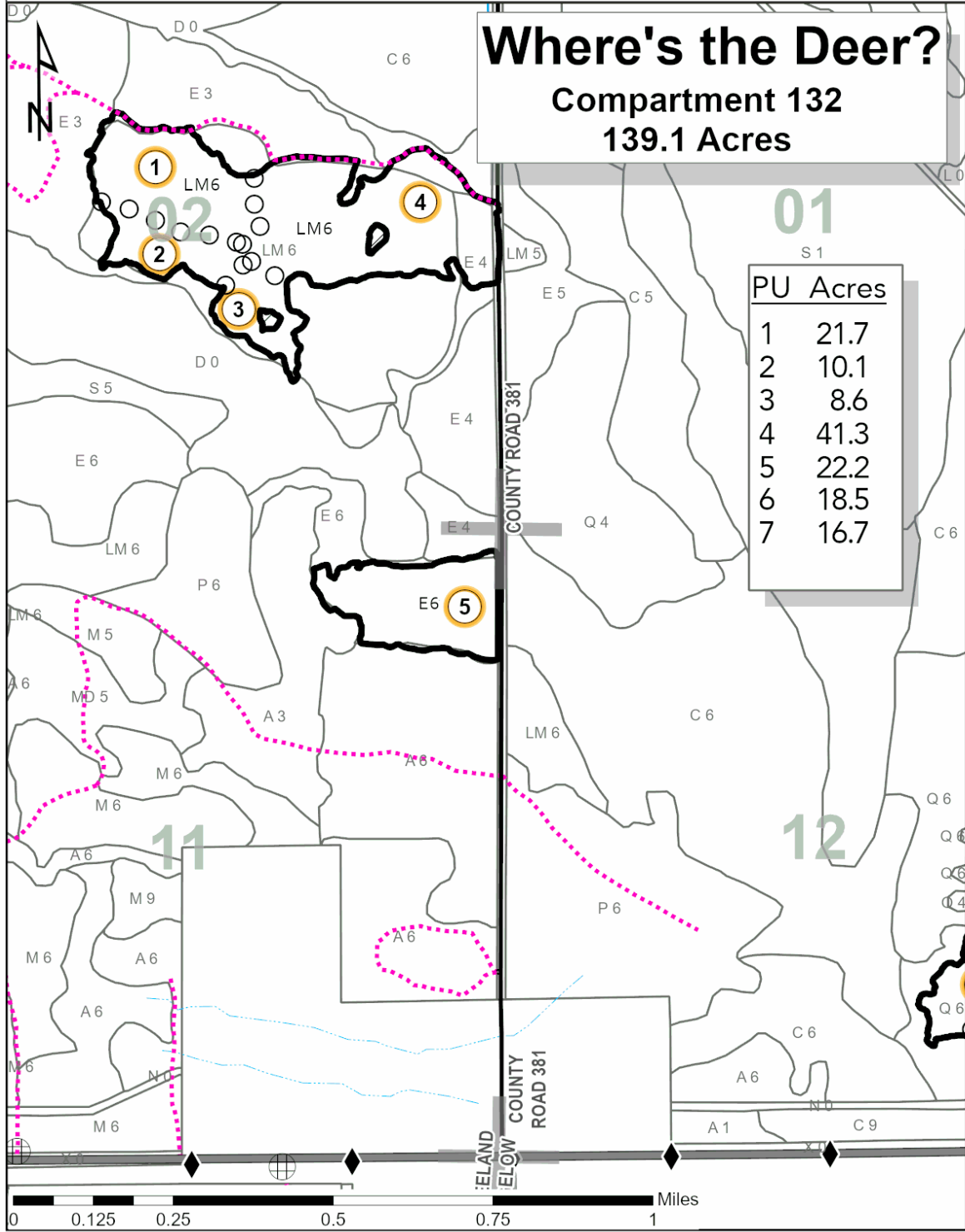
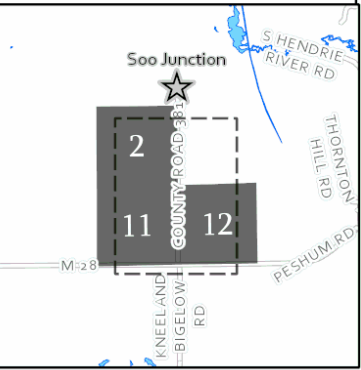
#### 139.1 Acres



PU	Acres
1	21.7
2	10.1
3	8.6
4	41.3
5	22.2
6	18.5
7	16.7

- Against State (Red)
- Payment Unit (Green)
- Retention Area
- Payment Unit Label
- 01** Section Numbers
- Section Corners
- Survey Corners
- Berms
- Highways
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private
- DNR - Management Access
- Temporary Management Access
- Intermittent Stream
- Perennial River

Locator Map: 1:150,000  
 - Main Map Extent





# TIMBER SALE MAP

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

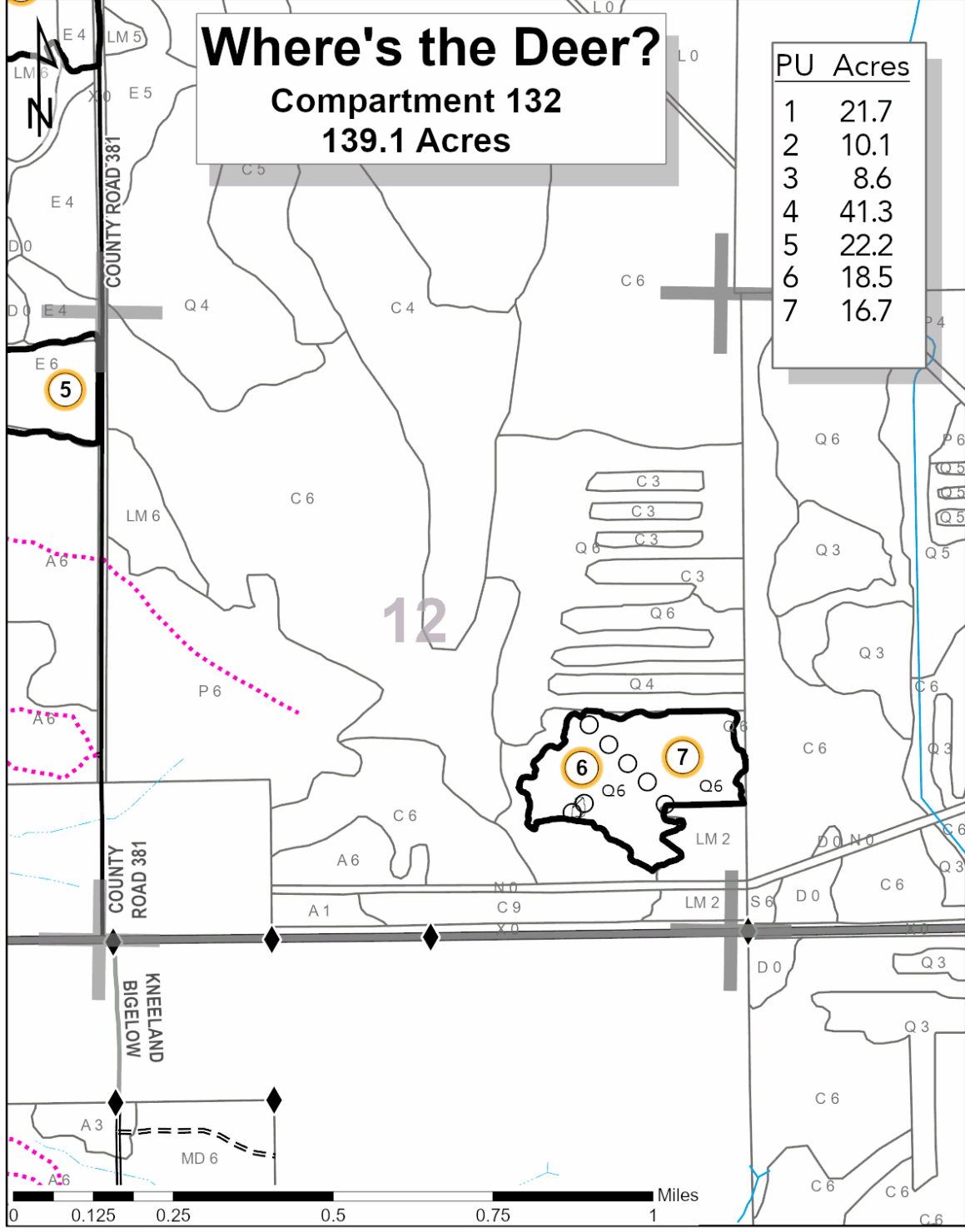
Sale Number	Year
42-004-20	20

Forest Management Unit Newberry	County Luce	Mapped By Livermore	Date 3/25/2020	Page 2	of 2
Township 45N	Range 08W	Section(s) and Subdivision(s) <b>Section 02: SENW, S½NE, NESW, N½SE, SWSE</b>	Cruised By Kriehn, Livermore		
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			

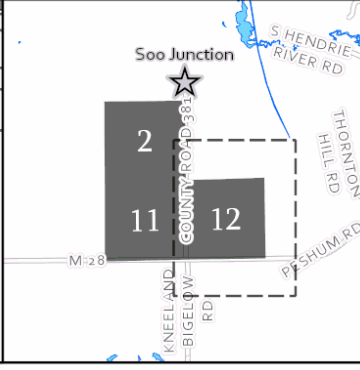
**Where's the Deer?**  
**Compartment 132**  
**139.1 Acres**

PU	Acres
1	21.7
2	10.1
3	8.6
4	41.3
5	22.2
6	18.5
7	16.7



- Against State (Red)
- Payment Unit (Green)
- Retention Area
- Payment Unit Label
- Section Numbers
- Section Corners
- Survey Corners
- Highways
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private
- DNR - Management Access
- Temporary Management Access
- Intermittent Stream
- Perennial River

Locator Map: 1:150,000  
 - Main Map Extent



# TIMBER SALE INFORMATION

## End of the Road Jack Pine (42-024-21)

T49N, R09W, SEC. 6; T49N, R10W, SEC. 1; T49N, R10W, SEC. 2; T50N, R09W, SEC. 31.  
Luce County (Advertised Price \$43,830.60)

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

No new roads will be permitted in any Payment Unit. See Sale Spec 4.1.12 for specifics.

Road work may be needed. See Sale Spec 4.2.3 for details.

Permission for access across private land is the responsibility of the Purchaser.

Large bunk skidders may be something to consider when harvesting this sale. See Sale Spec 5.2.16 for additional information.

It is recommended, but not required, that harvesting occur during the late fall or early winter months because of the sandy roads.

The North Country Trail is a hiking trail that is shown on the Timber Sale Map. See Sale Spec 5.2.40 for restrictions.

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. 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>
Pulpwood		
Jack Pine	1,914 Cords	\$ 22.90 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 4.98 percent. There are an estimated 1,936 cords on this timber sale, plus or minus 96 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

1. A bond in the amount of \$2,192.00 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	13.9%
02	29.5%
03	18.8%
04	20.6%
05	17.2%

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

### **SALE STATISTICS**

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

## SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
152,920	1,936	4.98%	1,839	2,032

## 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
3	59,548	754	7.48%	697	810
6	67,412	853	7.13%	792	914
21	25,961	329	14.96%	279	378
<b>TOTAL:</b>	<b>152,920</b>	<b>1,936</b>		<b>1,769</b>	<b>2,102</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
3	40.3	3	19.2
		4	21.1
6	35.1	1	11.3
		2	23.8
21	21.3	5	21.3
<b>TOTAL:</b>	<b>96.7</b>		<b>96.7</b>

## DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Pulpwood	267	Cords	11.3	\$6,114.30
2	Jack Pine	Pulpwood	563	Cords	23.8	\$12,892.70
3	Jack Pine	Pulpwood	359	Cords	19.2	\$8,221.10
4	Jack Pine	Pulpwood	395	Cords	21.1	\$9,045.50
5	Jack Pine	Pulpwood	330	Cords	21.3	\$7,557.00
<b>TOTAL:</b>			1,914	Cords		



## Sale Specific Conditions & Requirements

**Sale Name: End of the Road Jack Pine**

**Sale Number: 42-024-21 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, blue, and green paint. Exterior sale boundary lines against private are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with green 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) 1-5, cut all trees that are two (2) inches or more at DBH. Leave all red and white pine that may exist in Payment Units 1-5.

#### 2.2 - Utilization

##### 2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is to facilitate cultivation 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

##### 4.1.3 - 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.

##### 4.1.4 - Timber removed for construction (12/09)

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 the specified Purchase Unit Price.

##### 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. Back-in spurs, truck turnarounds and skid trails will be allowed. The reason for no new roads is due to the very sandy soil types and rolling topography within the Sale Area. Longer skids will be necessary.

#### 4.2 - Maintenance

##### 4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: grading and gravel.

##### 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.

#### 4.4 - Access

##### 4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser.

### 5 - Operations

#### 5.2 - Conduct of Operations

##### 5.2.1 - Slash

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

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

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

Large bunk skidders may be something to consider when harvesting this sale. Longer skids will be necessary, as no new roads will be allowed. This is because of the very sandy soils and rolling topography of the Sale Area.

##### 5.2.22 - Operating Caution

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

It is recommended, but not required, that within Payment Unit(s) 1-5, cutting, skidding, and hauling occur during the late fall or early winter months. The reason for the recommendation is because of the sandy roads. Colder temperatures greatly improve trucking efforts while harvesting in this area.

##### 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.

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

The North Country Trail is a hiking trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway.

#### 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 on-site 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 the Coast Guard Road prior to beginning operations. The road must be posted approximately 350 feet 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 North Country Trail prior to beginning operations. The trail must be posted approximately 350 feet 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 DNR will provide these signs.



## TIMBER SALE INFORMATION

### Deer Park Jack Pine (42-025-21)

T49N, R10W, SEC. 4; T49N, R10W, SEC. 6; T49N, R10W, SEC. 8; T49N, R10W, SEC. 9.  
Luce County (Advertised Price \$51,794.85)

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

Road maintenance may be necessary. See Sale Spec 4.2.3 for additional information.

Harvesting is not permitted during the period of December 31 to April 15 because of the stump height requirement.

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>
Pulpwood		
B. T. Aspen	1 Cords	\$ 22.95 / Cord
Black Spruce	1 Cords	\$ 11.90 / Cord
Jack Pine	629 Cords	\$ 22.90 / Cord
Red Maple	1 Cords	\$ 11.25 / Cord
Red Oak	14 Cords	\$ 11.35 / Cord
Red Pine	715 Cords	\$ 49.65 / Cord
White Pine	120 Cords	\$ 14.05 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 5.72 percent. There are an estimated 1,478 cords on this timber sale, plus or minus 85 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

1. A bond in the amount of \$2,590.00 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	6.1%
02	18.6%
03	15.6%
04	26.0%
05	14.1%
06	19.6%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

### **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
116,767	1,478	5.72%	1,393	1,563

## VDU VOLUMES

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

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
10	56,034	709	8.73%	647	771
18	22,032	279	12.70%	243	314
21	16,287	206	17.45%	170	242
23	6,829	86	13.61%	75	98
37	15,585	197	12.90%	172	223
<b>TOTAL:</b>	<b>116,767</b>	<b>1,478</b>		<b>1,308</b>	<b>1,649</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
10	39.3	5	16.5
		6	22.8
18	7.9	4	7.9
21	16.1	2	16.1
23	4.1	1	4.1
37	7.5	3	7.5
<b>TOTAL:</b>	<b>74.9</b>		<b>74.9</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	B. T. Aspen	Pulpwood	1	Cords	4.1	\$3,174.60	
	Black Spruce		1	Cords			
	Red Maple		1	Cords			
	Red Oak		14	Cords			
	Red Pine		55	Cords			
	<i>Red Pine</i>		<i>Sawtimber</i>	<i>15.0</i>			<i>MBF</i>
	<i>Red Pine</i>		<i>Pulpwood</i>	<i>25</i>			<i>Cords</i>
	White Pine		17	Cords			
	<i>White Pine</i>		<i>Sawtimber</i>	<i>5.6</i>			<i>MBF</i>
	<i>White Pine</i>		<i>Pulpwood</i>	<i>6</i>			<i>Cords</i>
2	Red Pine	Pulpwood	191	Cords	16.1	\$9,623.65	
	<i>Red Pine</i>		191	Cords			
	White Pine		10	Cords			
	<i>White Pine</i>		10	Cords			
3	Red Pine	Pulpwood	147	Cords	7.5	\$8,057.25	
	<i>Red Pine</i>		147	Cords			
	White Pine		54	Cords			
	<i>White Pine</i>		54	Cords			
4	Jack Pine	Pulpwood	2	Cords	7.9	\$13,453.10	
	Red Pine		259	Cords			
	<i>Red Pine</i>		259	Cords			
	White Pine		39	Cords			
	<i>White Pine</i>		39	Cords			
5	Jack Pine	Pulpwood	263	Cords	16.5	\$7,313.60	
	Red Pine		26	Cords			
	<i>Red Pine</i>		26	Cords			
6	Jack Pine	Pulpwood	364	Cords	22.8	\$10,172.65	
	Red Pine		37	Cords			
	<i>Red Pine</i>		37	Cords			
TOTAL:			1,481	Cords			

# Sale Specific Conditions & Requirements

**Sale Name: Deer Park Jack Pine**

**Sale Number: 42-025-21 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 blue, red, and green 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 green paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. Green 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) 2-6, cut all trees that are two (2) inches or more at DBH, except leave all oak.

#### 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.

### 2.2 - Utilization

#### 2.2.3 - Stump heights (4/07)

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

## 4 - Transportation

### 4.1 - Construction

#### 4.1.3 - Slash and earthen piles (8/04)

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

#### 4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

#### 4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. 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

#### 4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: grading and filling with gravel, if necessary.

#### 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



## 5.2 - Conduct of Operations

### 5.2.1 - Slash

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

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

### 5.2.2 - Hazard Trees/Snags

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

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

### 5.2.3 - Operating Restrictions

#### 5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1-6, unless changed by written agreement, cutting, skidding, and hauling are not permitted during the period of December 31 to April 15. This restriction is because of the stump height requirements.

#### 5.2.3.6 - Bark beetle restriction (12/08)

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 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 fifteen 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.

#### 5.2.32 - 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 on-site 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 access roads leading to sale prior to beginning operations. The road must be posted approximately 350 feet 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

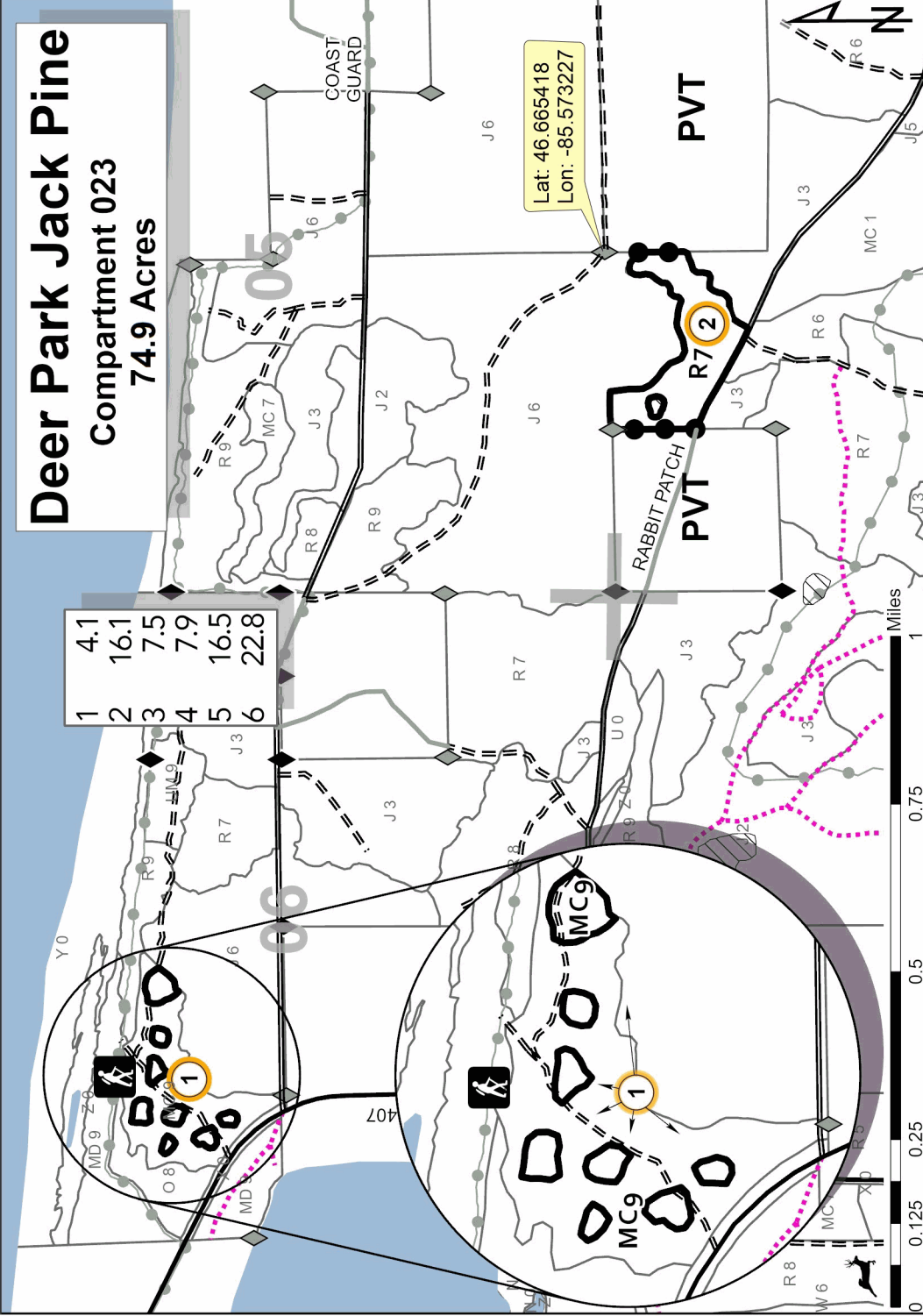
This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Newberry	County Luce	Mapped By L. Livermore	Sale Number 42-025	Year 21
Township 49N	Range 10W	Cruised By Kriehn, L. Livermore, Payment	Date 9/22/2021	Page 1
Section(s) and Subdivision(s) section 04: SESW,SWSE section 06: S1/2NW section 08: NENW section 09: NENW,W1/2NE		Scale 1:15,840	of 2	

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

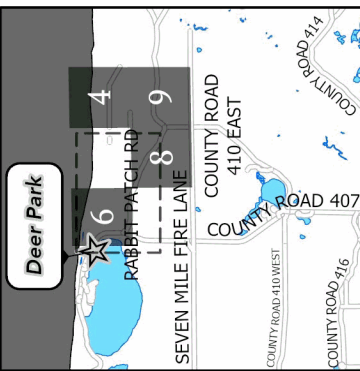
## Deer Park Jack Pine Compartment 023 74.9 Acres

1	4.1
2	16.1
3	7.5
4	7.9
5	16.5
6	22.8



- Against State (Red)
- Private Line (Blue)
- Payment Unit Label
- PVT Private Ownership
- Hiking Trails
- Recreational Trail
- Section Numbers
- Section Corners
- Survey Corners
- Field Grade Corners
- Lakes and Rivers
- Retention Area
- Retention Area
- Highway
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private
- Temporary Management Access
- Nearby Timber Sale
- Great Lakes

Locator Map: 1:200,000  
 --- Main Map Extent







End of the Road Jack Pine (42-024-21)  
T49N, R09W, SEC. 6; T49N, R10W, SEC. 1; T49N, R10W, SEC. 2; T50N, R09W,

In response to the notice of sale to be held 3:00 p.m. (local time) on August 11, 2022, 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>
Pulpwood			
Jack Pine	1,914 Cords	\$ 22.90/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 4.98 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



Deer Park Jack Pine (42-025-21)

T49N, R10W, SEC. 4; T49N, R10W, SEC. 6; T49N, R10W, SEC. 8; T49N, R10W,

In response to the notice of sale to be held 3:00 p.m. (local time) on August 11, 2022, 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>
Pulpwood			
B. T. Aspen	1 Cords	\$ 22.95/Cord	\$ _____
Black Spruce	1 Cords	\$ 11.90/Cord	\$ _____
Jack Pine	629 Cords	\$ 22.90/Cord	\$ _____
Red Maple	1 Cords	\$ 11.25/Cord	\$ _____
Red Oak	14 Cords	\$ 11.35/Cord	\$ _____
Red Pine	715 Cords	\$ 49.65/Cord	\$ _____
White Pine	120 Cords	\$ 14.05/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 5.72 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.

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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

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  - 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



Where's the Deer 2.0 (42-013-22)

T45N, R07W, SEC. 7; T45N, R08W, SEC. 11; T45N, R08W, SEC. 12; T45N, R08W,

In response to the notice of sale to be held 3:00 p.m. (local time) on August 11, 2022, 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	8.4 MBF	\$ 50.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	215 Cords	\$ 4.70/Cord	\$ _____
Black Spruce	364 Cords	\$ 6.50/Cord	\$ _____
Mixed Hardwood	842 Cords	\$ 6.15/Cord	\$ _____
Quaking Aspen	101 Cords	\$ 12.55/Cord	\$ _____
Tamarack	134 Cords	\$ 1.50/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 10.66 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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Company or individual bidding: \_\_\_\_\_

Company representative's name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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<b>FOR DEPARTMENT USE ONLY</b>
Sale Number (XX - XXX - XX - XX)
Forest Management Unit:

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\_\_\_\_\_ Full-time Employees                      \_\_\_\_\_ Part-time Employees

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Address		Telephone (        )	
City	State	ZIP	

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\_\_\_\_\_  
Signature of Owner or Authorized Representative

\_\_\_\_\_                      \_\_\_\_\_  
Title                                      Date

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