



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7075**

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on June 29, 2022.

LOCATION: SHINGLETON MGMT UNIT, PO BOX 67, M 28 WEST, SHINGLETON, MI 49884.

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

C-102 Contract (41-016-21) / T49N, R13W, SEC. 11, SESW,SESE.

T49N, R13W, SEC. 12, SW,N1/2SE,SWSE.

T49N, R13W, SEC. 13, N1/2NW,NWNE.

T49N, R13W, SEC. 15, E1/2SE.

T49N, R13W, SEC. 22, N1/2NE.

Alger County, Advertised Price \$109,196.60, 262.9 Acres, Hardwood, White 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.

Permission for access across private land is the responsibility of the Purchaser. A copy of the written permission from the private landowner must be given to the Unit Manager prior to the beginning of operations.

Within Payment Unit(s) 4, 5, 8 and 9, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

The Old Seney Road is a snowmobile Trail. See Sale Spec. 5.2.41 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 land.

C-101 Contract (41-017-21) / T49N, R13W, SEC. 1 , SWNW,SW,SE.  
T50N, R13W, SEC. 35, SENW,S1/2NE,E1/2SW,SE.  
T50N, R13W, SEC. 36, SENW,SWNE.

Alger County, Advertised Price \$151,411.85, 308.7 Acres, Red Pine, White 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.

Payment Units 1 must be harvested first followed by Payment Units 2-6 to comply with critical dune permitting.

Permission for access across private land is the responsibility of the Purchaser. See Sale Spec 4.4.1 for additional information.

Within Payment Unit(s) 11 and 12, harvesting is not permitted during the period of April 15 to July 15 due to bark slippage.

The North Country Trail is shown on the Timber Sale Map. Maintain a 10-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not cut trees or damage posts with blue pathway markers.

Payment Units 1-6 are within a critical dune area. The DNR has secured an EGLE Permit to operate in this area. A copy of the permit and special conditions will be given to the Purchaser at the pre-sale meeting.

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 other public land.

North Country Mix (41-012-20) / T49N, R13W, SEC. 4 , NESW,S1/2SW,SWSE.  
T49N, R13W, SEC. 9 , N1/2NE,SENE.

Alger County, Advertised Price \$12,039.15, 54.7 Acres, Spruce/Fir/Tamarack, 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.

The county must be contacted prior to crossing or harvesting in the county road R-O-W. This applies to County Road H-58.

Harvesting is limited to the period of October 1 to April 1 because of winter deer restrictions.

The North Country Trail is a hiking trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.40 for additional information.

A snowmobile trail is shown on the Timber Sale Map. See Sale Spec. 5.2.41 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.

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

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

Bids must be received by the Unit Manager, SHINGLETON OFFICE, PO Box 67 M 28 West, Shingleton, MI 49884, no later than 2:00 p.m. (local time) on June 29, 2022. For further information concerning this sale, contact Robert Burnham at 906-420-1645 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

## C-102 Contract (41-016-21)

T49N, R13W, SEC. 11; T49N, R13W, SEC. 12; T49N, R13W, SEC. 13; T49N, R13W, SEC. 15; T49N, R13W, SEC. 22.  
Alger County (Advertised Price \$109,196.60)

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

Permission for access across private land is the responsibility of the Purchaser. A copy of the written permission from the private landowner must be given to the Unit Manager prior to the beginning of operations.

Within Payment Unit(s) 4, 5, 8 and 9, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

The Old Seney Road is a snowmobile Trail. See Sale Spec. 5.2.41 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 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>
<b>Sawtimber</b>		
Paper Birch	0.5 MBF	\$ 103.00 / MBF
Red Maple	154.7 MBF	\$ 99.00 / MBF
Sugar Maple	98.2 MBF	\$ 339.00 / MBF
Yellow Birch	1.8 MBF	\$ 64.00 / MBF
<b>Pulpwood</b>		
Balsam Fir	325 Cords	\$ 9.75 / Cord
Hemlock	5 Cords	\$ 13.75 / Cord
Jack Pine	93 Cords	\$ 15.75 / Cord
Mixed Aspen	671 Cords	\$ 20.40 / Cord
Mixed Hardwood	1,664 Cords	\$ 13.45 / Cord
Paper Birch	12 Cords	\$ 10.95 / Cord
Red Pine	87 Cords	\$ 46.95 / Cord
White Pine	847 Cords	\$ 12.20 / Cord
White Spruce	321 Cords	\$ 15.90 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 3.51 percent. There are an estimated 4,709 cords on this timber sale, plus or minus 166 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 \$5,460.00 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	29.7%
02	0.6%
03	6.6%
04	18.3%
05	5.1%
06	9.6%
07	10.2%
08	3.7%
09	2.8%
10	13.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

### **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
372,047	4,709	3.51%	4,544	4,875

### **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
1	54,501	690	7.89%	635	744
2	999	13	50.92%	6	19
3	49,646	628	9.00%	572	685
4	28,763	364	10.36%	326	402
5	15,476	196	15.31%	166	226
6	28,157	356	13.38%	309	404
7	80,318	1,017	8.05%	935	1,099
8	13,368	169	12.53%	148	190
9	8,680	110	13.66%	95	125
10	8,062	102	34.91%	66	138
11	81,070	1,026	8.56%	938	1,114
12	3,006	38	46.31%	20	56
<b>TOTAL:</b>	<b>372,047</b>	<b>4,709</b>		<b>4,217</b>	<b>5,201</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
1	23.7	1	23.7
2	1.7	2	1.7
3	50.4	4	50.4
4	14.4	3	14.4
5	19.4	8	19.4
6	26.0	5	26.0
7	57.0	6	34.6
		7	22.4
8	7.4	7	7.4
9	5.2	7	5.2
10	13.9	9	13.9
11	33.8	10	33.8
12	10.0	3	5.0
		6	0.9
		7	1.4
		10	2.7
<b>TOTAL:</b>	<b>262.9</b>		<b>262.9</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE				
1	Paper Birch	Sawtimber	0.5	MBF	23.7	\$32,466.95				
	Red Maple		65.6	MBF						
	Sugar Maple		61.2	MBF						
	Yellow Birch		1.8	MBF						
	Balsam Fir		Pulpwood	9			Cords			
	Hemlock			5			Cords			
	Mixed Aspen			4			Cords			
	<i>B. T. Aspen</i>			4			Cords			
	Mixed Hardwood			352			Cords			
	<i>Beech</i>			4			Cords			
	<i>Red Maple</i>			187			Cords			
	<i>Sugar Maple</i>			152			Cords			
	<i>Yellow Birch</i>			9			Cords			
	Paper Birch			5			Cords			
White Spruce	2	Cords								
2	Red Pine	Pulpwood	14	Cords	1.7	\$673.20				
	White Spruce		1	Cords						
3	Red Maple	Sawtimber	6.4	MBF	19.4	\$7,159.00				
	Sugar Maple		0.7	MBF						
	Balsam Fir		Pulpwood	9			Cords			
	Mixed Aspen			51			Cords			
	<i>Quaking Aspen</i>			51			Cords			
	Mixed Hardwood			131			Cords			
	<i>Beech</i>			3			Cords			
	<i>Black Cherry</i>			2			Cords			
	<i>Red Maple</i>			106			Cords			
	<i>Sugar Maple</i>			20			Cords			
	Paper Birch			7			Cords			
	Red Pine			39			Cords			
	White Pine		100	Cords						
	White Spruce		17	Cords						
4	Red Maple	Sawtimber	55.4	MBF	50.4	\$19,944.05				
	Sugar Maple		27.1	MBF						
	Balsam Fir		Pulpwood	53			Cords			
	Mixed Aspen			8			Cords			
	<i>B. T. Aspen</i>			4			Cords			
	<i>Quaking Aspen</i>			4			Cords			
	Mixed Hardwood			332			Cords			
	<i>Beech</i>			27			Cords			
	<i>Red Maple</i>			202			Cords			
	<i>Sugar Maple</i>			103			Cords			
	White Spruce			8			Cords			
	5			Red Maple			Sawtimber	5.8	MBF	26.0
			Sugar Maple	2.0				MBF		
			Balsam Fir	Pulpwood				45	Cords	
Mixed Aspen		65	Cords							
<i>B. T. Aspen</i>		20	Cords							
<i>Quaking Aspen</i>		45	Cords							
Mixed Hardwood		178	Cords							
<i>Beech</i>		58	Cords							
<i>Red Maple</i>		104	Cords							
<i>Sugar Maple</i>		16	Cords							
White Spruce		13	Cords							
6		Red Maple	Sawtimber		1.0	MBF		35.5	\$10,457.75	
		Balsam Fir	Pulpwood	57	Cords					
		Jack Pine		44	Cords					

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Mixed Aspen	Pulpwood	237	Cords		
	<i>B. T. Aspen</i>		60	<i>Cords</i>		
	<i>Quaking Aspen</i>		177	<i>Cords</i>		
	Mixed Hardwood		133	Cords		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		126	<i>Cords</i>		
	Red Pine		17	Cords		
	White Pine		68	Cords		
	White Spruce		54	Cords		
7	Red Maple	Sawtimber	1.9	MBF	36.4	\$11,170.80
	Balsam Fir	Pulpwood	58	Cords		
	Jack Pine		34	Cords		
	Mixed Aspen		204	Cords		
	<i>B. T. Aspen</i>		65	<i>Cords</i>		
	<i>Quaking Aspen</i>		139	<i>Cords</i>		
	Mixed Hardwood		217	Cords		
	<i>Black Cherry</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		211	<i>Cords</i>		
	Red Pine		11	Cords		
	White Pine		70	Cords		
	White Spruce		90	Cords		
8	Red Maple	Sawtimber	7.9	MBF	19.4	\$4,021.35
	Sugar Maple	Pulpwood	2.8	MBF		
	Balsam Fir		5	Cords		
	Mixed Hardwood		156	Cords		
	<i>Red Maple</i>		141	<i>Cords</i>		
	<i>Sugar Maple</i>		15	<i>Cords</i>		
	White Spruce		9	Cords		
9	Red Maple	Sawtimber	7.3	MBF	13.9	\$3,009.80
	Sugar Maple	Pulpwood	3.8	MBF		
	Balsam Fir		4	Cords		
	Mixed Hardwood		56	Cords		
	<i>Red Maple</i>		52	<i>Cords</i>		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
	White Spruce		13	Cords		
10	Red Maple	Sawtimber	3.4	MBF	36.5	\$14,675.95
	Sugar Maple	Pulpwood	0.6	MBF		
	Balsam Fir		85	Cords		
	Jack Pine		15	Cords		
	Mixed Aspen		102	Cords		
	<i>B. T. Aspen</i>		69	<i>Cords</i>		
	<i>Quaking Aspen</i>		33	<i>Cords</i>		
	Mixed Hardwood		109	Cords		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		99	<i>Cords</i>		
	<i>Sugar Maple</i>		3	<i>Cords</i>		
	Red Pine		6	Cords		
	White Pine		609	Cords		
	White Spruce		114	Cords		
TOTAL:			255.2	MBF		
TOTAL:			4,025	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: C-102 Contract**

**Sale Number: 41-016-21 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 yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 1, 6, 7, and 10, 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) 3, cut all trees which meet minimum piece specifications in 2.2 Utilization. Special protection areas identified in accordance with condition 3.4.3, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 2, 4, 5, 8, and 9, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Unit 9 all spruce and fir are designated for harvest.

### 2.2 - Utilization

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

Stump heights within Payment Unit(s) 1 shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH. This is to facilitate planting operations.

## 3 - Payments

### 3.3 - Pre-measured Sales

#### 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) exceeding \$20,000 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment.

### 3.4 - Damaged Timber

#### 3.4.3 - Special Protection Areas (8/11)

The Purchaser shall protect special protection areas from damage by the Purchaser's operations. Special protection areas are marked with a red boundary line. The Purchaser shall not cut live or dead trees within special protection areas.

## 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.

#### 4.1.6 - 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. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

### 4.2 - Maintenance

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

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

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

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

### 4.4 - Access

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

Permission for access across private land is the responsibility of the Purchaser. A copy of the written permission from the private landowner must be given to the Unit Manager prior to the beginning of operations.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

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

#### 5.2.2 - Hazard Trees/Snags

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

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard. This specification does not apply to Payment Unit 1.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 4, 5, 8, and 9, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

#### 5.2.32 - Decking/landing restoration (9/13)

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

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

#### 5.2.38 - No decking against live trees (2/04)

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

#### 5.2.41 - Snowmobile trail protection (9/11)

The Old Seney Road is a snowmobile Trail. Do not cut or damage posts with orange trail markers or traffic control signs. 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.

### 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

#### 5.8.3 - Red shoulder hawk or goshawk (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30 (UP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

## 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 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 Old Seney Road 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.

## 7 - Other Conditions

### 7.3 - Contract Modifications

#### 7.3.3 - Modification for reforestation (8/05)

When contractual work of Purchaser has been accepted for any Payment Unit identified on Sale Area Map, Payment Unit will be eliminated from the Sale Area on written notice so that reforestation operations can begin.

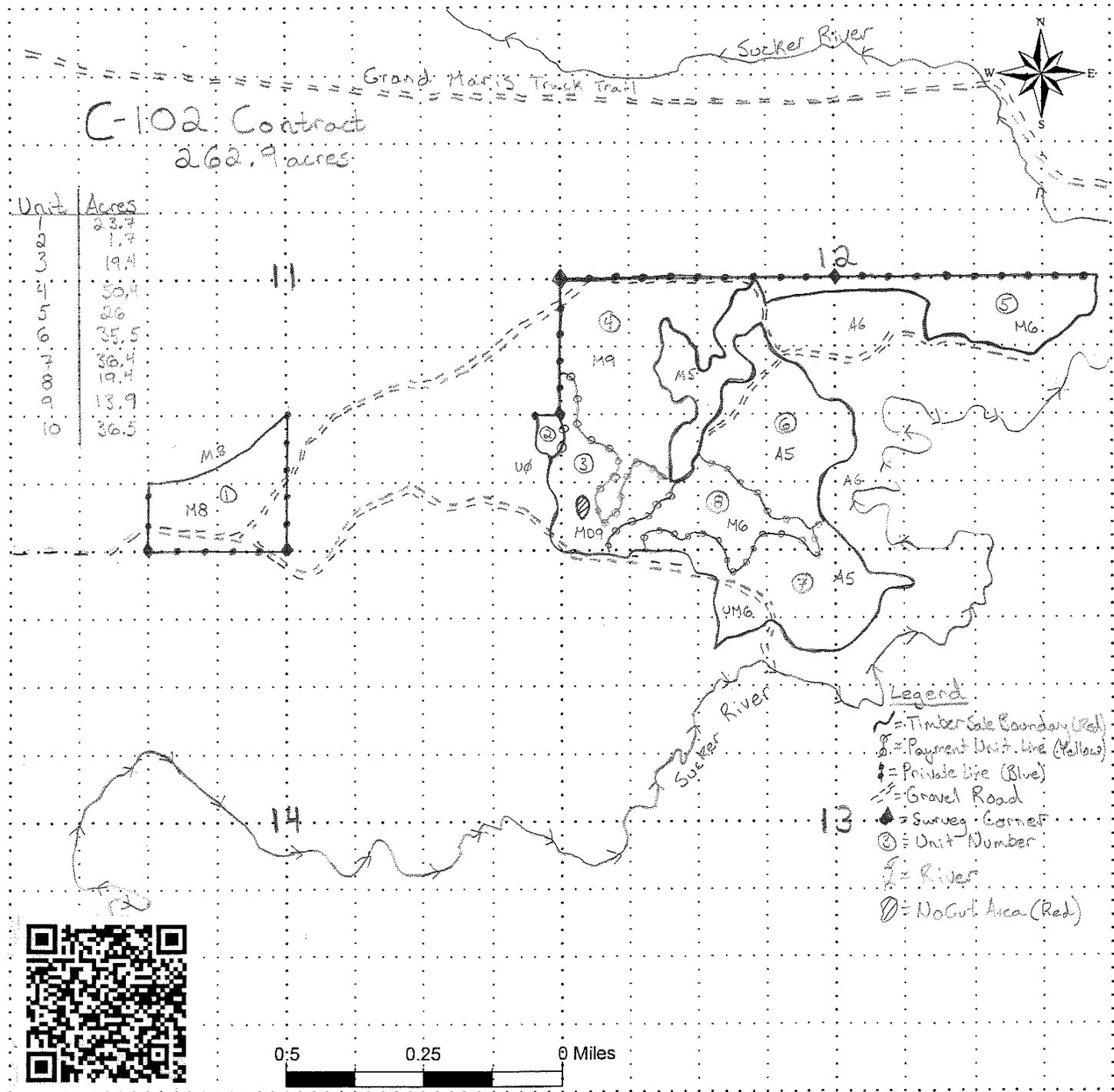


# TIMBER SALE MAP

This information provided by authority of Part 5, 1994 PA 451, as amended.

Sale Number	41-16	Year	21
Date	9/16/21	Page	1
Mapped By	Staff	of	2
Cruised By	Grossman, Forestry	Section(s) and Subdivision(s)	
Forest Management Unit	Shingleton	11, 12, 13, 15	
County	Alger		
Compartment Number	102	Township	49N
		Range	13W

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





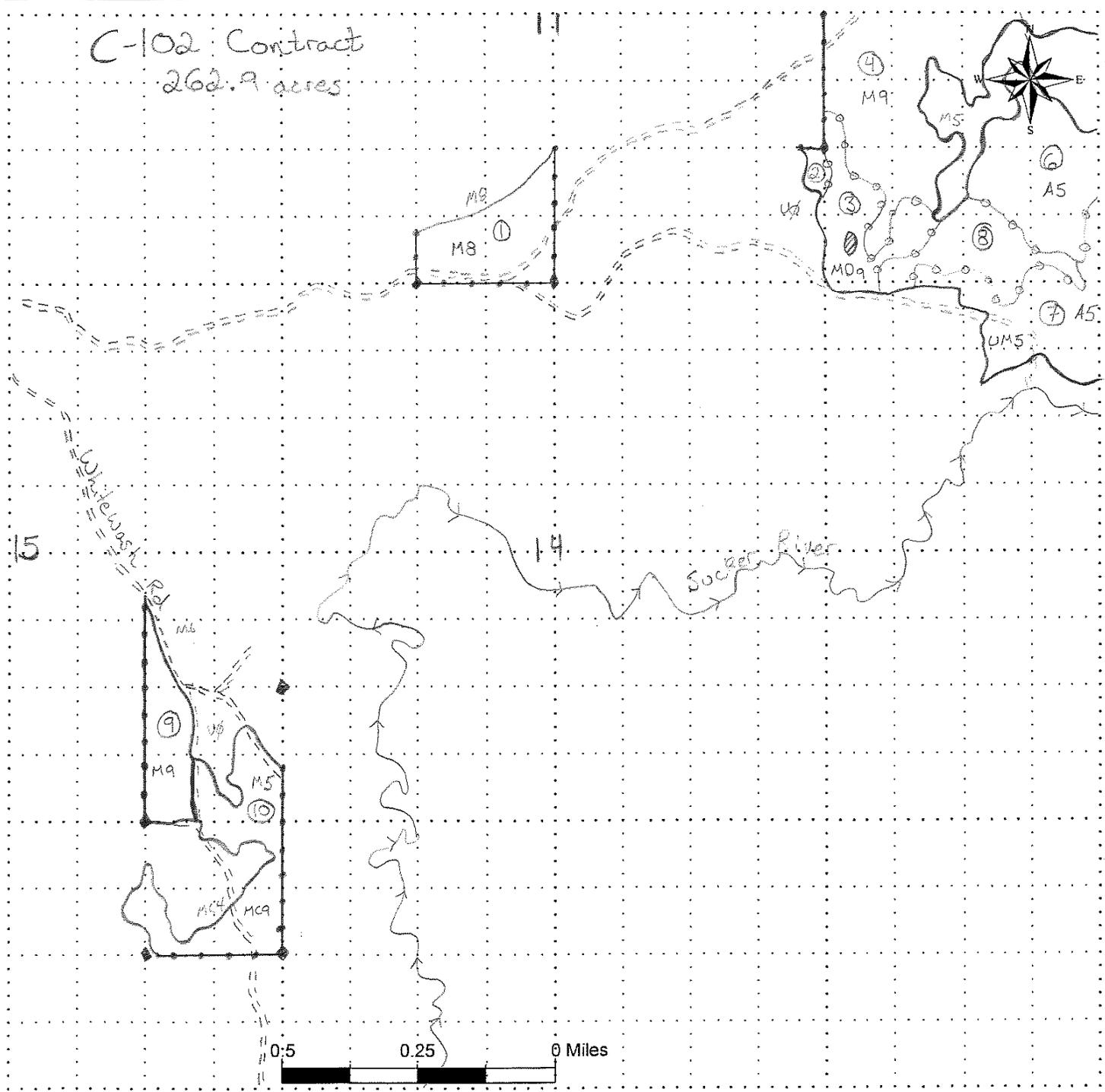
# TIMBER SALE MAP

This information provided by authority of Part 5, 1994 PA 451, as amended.

Sale Number	Year
41-016	21
Date	Page of
9/16/21	2 18
Section(s) and Subdivision(s)	
11, 13, 15	

Forest Management Unit	County	Mapped By
Shingleton	Alger	Staff
Compartment Number	Township	Cruised By
102	49N	Grossman Forestry
	Range	
	13W	

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



## TIMBER SALE INFORMATION

### C-101 Contract (41-017-21)

T49N, R13W, SEC. 1; T50N, R13W, SEC. 35; T50N, R13W, SEC. 36.  
Alger County (Advertised Price \$151,411.85)

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

Payment Units 1 must be harvested first followed by Payment Units 2-6 to comply with critical dune permitting.

Permission for access across private land is the responsibility of the Purchaser. See Sale Spec 4.4.1 for additional information.

Within Payment Unit(s) 11 and 12, harvesting is not permitted during the period of April 15 to July 15 due to bark slippage.

The North Country Trail is shown on the Timber Sale Map. Maintain a 10-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not cut trees or damage posts with blue pathway markers.

Payment Units 1-6 are within a critical dune area. The DNR has secured an EGLE Permit to operate in this area. A copy of the permit and special conditions will be given to the Purchaser at the pre-sale meeting.

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 other public land.

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

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	10.6 MBF	\$ 99.00 / MBF
Sugar Maple	96.5 MBF	\$ 339.00 / MBF
Pulpwood		
Balsam Fir	75 Cords	\$ 9.75 / Cord
Jack Pine	813 Cords	\$ 15.75 / Cord
Mixed Aspen	132 Cords	\$ 20.40 / Cord
Mixed Hardwood	464 Cords	\$ 13.45 / Cord
Paper Birch	43 Cords	\$ 10.95 / Cord
Red Pine	1,672 Cords	\$ 46.95 / Cord
White Pine	1,077 Cords	\$ 12.20 / Cord
White Spruce	193 Cords	\$ 15.90 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 3.45 percent. There are an estimated 4,682 cords on this timber sale, plus or minus 162 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 \$7,571.00 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	6.3%
02	4.3%
03	5.9%
04	7.8%
05	7.3%
06	2.2%
07	15.9%
08	19.5%
09	1.4%
10	3.3%
11	12.5%
12	13.6%

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

5. Operations on the contract issued will terminate on 06/30/2025.

**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		PERCENT ERROR	STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
369,845	4,682	3.45%	4,520	4,843

**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			RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	46,574	590	6.00%	554	625
2	103,188	1,306	7.74%	1,205	1,407
3	9,676	122	20.42%	97	147
4	139,286	1,763	5.94%	1,658	1,868
5	7,470	95	12.58%	83	106
6	9,304	118	20.07%	94	141
7	54,346	688	7.13%	639	737
<b>TOTAL:</b>	<b>369,845</b>	<b>4,682</b>		<b>4,331</b>	<b>5,032</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
1	15.2	1	15.2
2	130.3	2	20.3
		3	27.9
		4	37.0
		5	34.6
		6	10.5
3	14.4	10	14.4
4	63.3	7	28.3
		8	35.0
5	14.2	9	14.2
6	5.2	7	2.4
		8	2.8
7	66.1	11	31.7
		12	34.4
<b>TOTAL:</b>	<b>308.7</b>		<b>308.7</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Pulpwood	578	Cords	15.2	\$9,573.00
	Red Pine		10	Cords		
2	Jack Pine	Pulpwood	9	Cords	20.3	\$6,457.85
	Red Pine		114	Cords		
	White Pine		79	Cords		
3	Jack Pine	Pulpwood	12	Cords	27.9	\$8,889.95
	Red Pine		157	Cords		
	White Pine		109	Cords		
4	Jack Pine	Pulpwood	16	Cords	37.0	\$11,774.40
	Red Pine		208	Cords		
	White Pine		144	Cords		
5	Jack Pine	Pulpwood	15	Cords	34.6	\$10,991.55
	Red Pine		194	Cords		
	White Pine		135	Cords		
6	Jack Pine	Pulpwood	5	Cords	10.5	\$3,349.00
	Red Pine		59	Cords		
	White Pine		41	Cords		
7	Balsam Fir	Pulpwood	32	Cords	30.7	\$24,009.25
	Jack Pine		56	Cords		
	Mixed Aspen		53	Cords		
	<i>Quaking Aspen</i>		53	Cords		
	Mixed Hardwood		26	Cords		
	<i>Red Maple</i>		18	Cords		
	<i>Sugar Maple</i>		8	Cords		
	Paper Birch		19	Cords		
	Red Pine		362	Cords		
	White Pine		241	Cords		
	White Spruce		78	Cords		
	8		Balsam Fir	Pulpwood		
Jack Pine		67	Cords			
Mixed Aspen		65	Cords			
<i>Quaking Aspen</i>		65	Cords			
Mixed Hardwood		33	Cords			
<i>American Elm</i>		1	Cords			
<i>Red Maple</i>		23	Cords			
<i>Sugar Maple</i>		9	Cords			
Paper Birch		24	Cords			
Red Pine		447	Cords			
White Pine		297	Cords			
White Spruce		96	Cords			
9	Balsam Fir	Pulpwood	1	Cords	14.2	\$2,139.85
	Jack Pine		55	Cords		
	Mixed Aspen		1	Cords		
	<i>Quaking Aspen</i>		1	Cords		
	Mixed Hardwood		1	Cords		
	<i>Black Cherry</i>		1	Cords		
	Red Pine		18	Cords		
	White Pine		12	Cords		
	White Spruce		15	Cords		
10	Red Pine	Pulpwood	103	Cords	14.4	\$5,067.65
	White Pine		19	Cords		
11	Red Maple	Sawtimber	5.1	MBF	31.7	\$18,960.40
	Sugar Maple		46.3	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Aspen		6	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
11 con't	<i>Quaking Aspen</i>	<i>Pulpwood</i>	6	<i>Cords</i>		
	Mixed Hardwood		193	Cords		
	<i>American Elm</i>		14	<i>Cords</i>		
	<i>Red Maple</i>		45	<i>Cords</i>		
	<i>Sugar Maple</i>		133	<i>Cords</i>		
	<i>Yellow Birch</i>		1	<i>Cords</i>		
	White Spruce		2	Cords		
12	Red Maple	Sawtimber	5.5	MBF	34.4	\$20,594.35
	Sugar Maple		50.2	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		7	Cords		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		211	Cords		
	<i>American Elm</i>		15	<i>Cords</i>		
	<i>Red Maple</i>		49	<i>Cords</i>		
	<i>Sugar Maple</i>		145	<i>Cords</i>		
	<i>Yellow Birch</i>		2	<i>Cords</i>		
	White Spruce		2	Cords		
	TOTAL:			107.1		
TOTAL:			4,469	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: C-101 Contract**

**Sale Number: 41-017-21 Seq#: 2**

## 1 - Sale Area

### 1.2 - Boundaries

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

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 7-9, 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, except oak. Special protection areas identified in accordance with condition 3.4.3, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 2-6 and 10-12, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

### 2.2 - Utilization

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

Stump heights within Payment Unit(s) 1-9 shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH. This is to facilitate regeneration operations.

## 3 - Payments

### 3.3 - Pre-measured Sales

#### 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) with a value greater than \$20,000 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment.

### 3.4 - Damaged Timber

#### 3.4.3 - Special Protection Areas (8/11)

The Purchaser shall protect special protection areas from damage by the Purchaser's operations. Special protection areas are marked with a red boundary line and are clearly identified on the Timber Sale Map. The Purchaser shall not cut live or dead trees within special protection areas. If the Purchaser's operations have cut or damaged special protection areas through carelessness, the Purchaser shall pay \$5,000 as fixed, agreed, and liquidated damages for each acre or part thereof cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 3.6 - Payment Unit Cutting Schedule

#### 3.6.1 - Order of cutting (1/09)

Payment Units 1 must be harvested first followed by Payment Units 2-6. The reason for this requirement is to comply with critical dune permitting.

## 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.

#### 4.1.6 - 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. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. Berms must also be placed at intervals of not over 50 feet and at all junctions. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

### 4.2 - Maintenance

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

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

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

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

### 4.4 - Access

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

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private landowner may be required by the DNR.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

To facilitate reforestation, Payment Unit(s) 1 and 7-9 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 11 and 12, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

##### 5.2.3.6 - Bark beetle restriction (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.

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

Maintain a 10-foot-wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not cut trees or damage posts with blue pathway markers. The North Country Trail is shown on the Timber Sale Map.

### 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

#### 5.8.3 - Red shoulder hawk or goshawk (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30 (UP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

#### 5.8.8 - Protected species, other (2/12)

Payment Units 1-6 are within a critical dune area. The DNR has secured an EGLE Permit to operate in this area, a copy of the permit and special conditions will be given to the Purchaser at the pre-sale meeting.

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

## **7 - Other Conditions**

### **7.3 - Contract Modifications**

#### **7.3.3 - Modification for reforestation (8/05)**

When contractual work of Purchaser has been accepted for any Payment Unit identified on Sale Area Map, Payment Unit will be eliminated from the Sale Area on written notice so that reforestation operations can begin.



# TIMBER SALE MAP

This information provided by authority of Part 5, 1994 PA 451, as amended.

Sale Number	Year
41-17-21-1	21

Forest Management Unit Shingleton	County Alger	Mapped By Molin	Date 9/16/21	Page 1	of 1
Compartment Number 101	Township 49N, 50N	Cruised By Grassman Forestry	Section(s) and Subdivision(s) 36 SE NW, SW NE 1 SW NW, 35 SE NW, 5 1/2 NE, E 1/2 SE		

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

### Unit Acres

- 1 = 15.2
- 2 = 20.3
- 3 = 27.9
- 4 = 37
- 5 = 34.6
- 6 = 10.5
- 7 = 20.7
- 8 = 37.9
- 9 = 14.2
- 10 = 14.4
- 11 = 31.7
- 12 = 34.4

### Legend

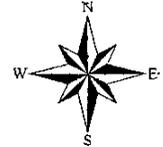
- Red boundary
- Blue RVI
- Yellow unit boundary

### SPECIAL Protections Area

- 2-Track
- Poor 2-Track
- # Payment Unit
- # Section
- Trail Hiking
- Stock Ponds
- H-58

C-101 Contract

308.7 acres



0.5 0.25 0 Miles

## TIMBER SALE INFORMATION

### North Country Mix (41-012-20)

T49N, R13W, SEC. 4; T49N, R13W, SEC. 9.  
Alger County (Advertised Price \$12,039.15)

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

The county must be contacted prior to crossing or harvesting in the county road R-O-W. This applies to County Road H-58.

Harvesting is limited to the period of October 1 to April 1 because of winter deer restrictions.

The North Country Trail is a hiking trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.40 for additional information.

A snowmobile trail is shown on the Timber Sale Map. See Sale Spec. 5.2.41 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.

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

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Paper Birch	3.1 MBF	\$ 85.00 / MBF
Red Maple	4.0 MBF	\$ 81.00 / MBF
Pulpwood		
Balsam Fir	329 Cords	\$ 7.95 / Cord
Mixed Aspen	130 Cords	\$ 16.70 / Cord
N. White Cedar	3 Cords	\$ 3.15 / Cord
Paper Birch	28 Cords	\$ 8.95 / Cord
Red Maple	260 Cords	\$ 11.00 / Cord
Red Pine	9 Cords	\$ 38.45 / Cord
White Pine	56 Cords	\$ 10.00 / Cord
White Spruce	203 Cords	\$ 13.00 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.60 percent. There are an estimated 1,082 cords on this timber sale, plus or minus 71 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 \$602.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	50.0%
02	13.0%
03	1.0%
04	36.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

### **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
85,508	1,082	6.60%	1,011	1,154

### 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
38	44,062	558	10.33%	500	615
46	29,816	377	9.79%	340	414
88	10,752	136	14.75%	116	156
90	879	11	41.63%	6	16
<b>TOTAL:</b>	<b>85,508</b>	<b>1,082</b>		<b>963</b>	<b>1,202</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
38	25.4	1	25.4
46	19.1	4	19.1
88	8.7	2	8.7
90	1.5	3	1.5
<b>TOTAL:</b>	<b>54.7</b>		<b>54.7</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	1.3	MBF	25.4	\$6,021.25
	Red Maple		1.7	MBF		
	Balsam Fir	Pulpwood	204	Cords		
	Mixed Aspen		42	Cords		
	<i>B. T. Aspen</i>		42	<i>Cords</i>		
	N. White Cedar		3	Cords		
	Paper Birch		17	Cords		
	Red Maple		131	Cords		
	Red Pine		5	Cords		
	White Pine		29	Cords		
	White Spruce		105	Cords		
2	Paper Birch	Sawtimber	0.8	MBF	8.7	\$1,560.25
	Balsam Fir	Pulpwood	30	Cords		
	Mixed Aspen		20	Cords		
	<i>B. T. Aspen</i>		15	<i>Cords</i>		
	<i>Quaking Aspen</i>		5	<i>Cords</i>		
	Paper Birch		5	Cords		
	Red Maple		18	Cords		
	White Pine		4	Cords		
	White Spruce		49	Cords		
3	Red Maple	Pulpwood	11	Cords	1.5	\$121.00
4	Paper Birch	Sawtimber	1.0	MBF	19.1	\$4,336.65
	Red Maple		2.3	MBF		
	Balsam Fir	Pulpwood	95	Cords		
	Mixed Aspen		68	Cords		
	<i>B. T. Aspen</i>		68	<i>Cords</i>		
	Paper Birch		6	Cords		
	Red Maple		100	Cords		
	Red Pine		4	Cords		
	White Pine		23	Cords		
White Spruce		49	Cords			
TOTAL:			7.1	MBF		
TOTAL:			1,018	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: North Country Mix**

**Sale Number: 41-012-20 Seq#: 3**

## 1 - Sale Area

### 1.2 - Boundaries

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

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

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 1, 2, and 4, cut all trees which meet minimum piece specifications in 2.2 Utilization, except hemlock and oak. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

### 2.2 - Utilization

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

Within Payment Unit(s) 1-4, tops may not be chipped.

## 3 - Payments

### 3.3 - Pre-measured Sales

#### 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 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.

### 3.4 - Damaged Timber

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

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are hemlock and oak. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

## 4 - Transportation

### 4.1 - Construction

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

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

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

### 4.2 - Maintenance

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

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

### 4.3 - Public Right-of-Way

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

The county must be contacted prior to crossing or harvesting in the county road R-O-W. This applies to County Road H-58.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 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) 1-4, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of October 1 to April 1. This restriction is because of winter deer restrictions.

#### 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. 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. Skidding across the trail may only occur in locations approved by the sale administrator.

#### 5.2.41 - Snowmobile trail protection (9/11)

A snowmobile trail 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 road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is

12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

## 5.8 - Protection of Endangered Species

### 5.8.3 - Red shoulder hawk or goshawk (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

## 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 8 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 DNR will provide these signs.



# TIMBER SALE MAP

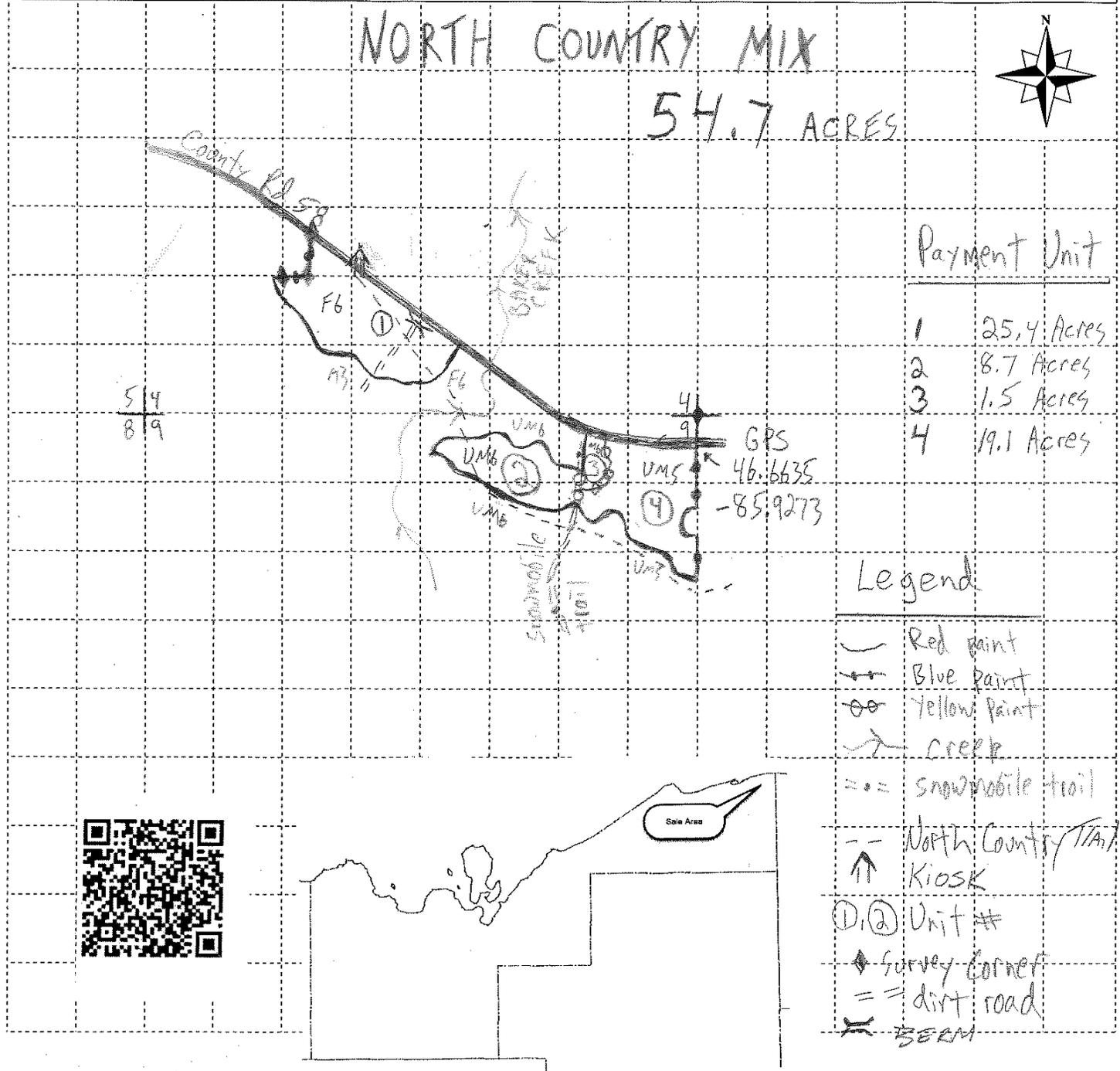
This information provided by authority of Part 5, 1994 PA 451, as amended.

Sale Number	012	Year	20
Date	9-9-20	Page	1 of 1
Scale:  ... 44 .....  = 1 mile			

Forest Management Unit	Shingleton	County	Alger	Mapped By	Petrelus
Compartment Number	102	Township	49N	Range	13W
		Section(s) and Subdivision(s)		4-NESW, 5/4SW SWSE 9-NY2NE, SENE	

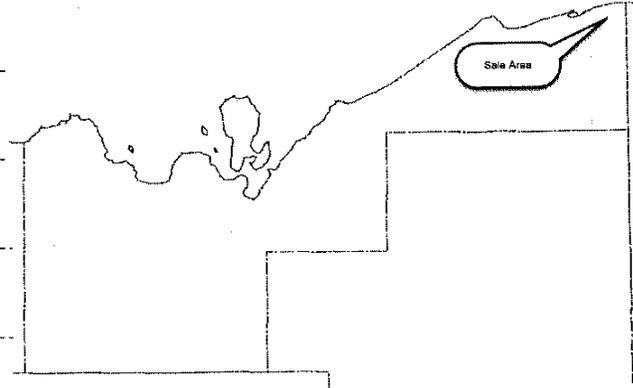
Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous		Z = Water
H = Hemlock	N = Marsh		

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



Payment Unit	
1	25.4 Acres
2	8.7 Acres
3	1.5 Acres
4	19.1 Acres

- Legend**
- Red paint
  - Blue paint
  - oo Yellow paint
  - ~ Creek
  - =o= snowmobile trail
  - - North Country Trail
  - ↑ Kiosk
  - ①, ② Unit #
  - ◆ Survey corner
  - = dirt road
  - ≡ BERM





C-102 Contract (41-016-21)

T49N, R13W, SEC. 11; T49N, R13W, SEC. 12; T49N, R13W, SEC. 13; T49N,

In response to the notice of sale to be held 2:00 p.m. (local time) on June 29, 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>			
Paper Birch	0.5 MBF	\$ 103.00/MBF	\$ _____
Red Maple	154.7 MBF	\$ 99.00/MBF	\$ _____
Sugar Maple	98.2 MBF	\$ 339.00/MBF	\$ _____
Yellow Birch	1.8 MBF	\$ 64.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	325 Cords	\$ 9.75/Cord	\$ _____
Hemlock	5 Cords	\$ 13.75/Cord	\$ _____
Jack Pine	93 Cords	\$ 15.75/Cord	\$ _____
Mixed Aspen	671 Cords	\$ 20.40/Cord	\$ _____
Mixed Hardwood	1,664 Cords	\$ 13.45/Cord	\$ _____
Paper Birch	12 Cords	\$ 10.95/Cord	\$ _____
Red Pine	87 Cords	\$ 46.95/Cord	\$ _____
White Pine	847 Cords	\$ 12.20/Cord	\$ _____
White Spruce	321 Cords	\$ 15.90/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 3.51 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

C-101 Contract (41-017-21)

T49N, R13W, SEC. 1; T50N, R13W, SEC. 35; T50N, R13W, SEC. 36; Alger

In response to the notice of sale to be held 2:00 p.m. (local time) on June 29, 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	10.6 MBF	\$ 99.00/MBF	\$ _____
Sugar Maple	96.5 MBF	\$ 339.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	75 Cords	\$ 9.75/Cord	\$ _____
Jack Pine	813 Cords	\$ 15.75/Cord	\$ _____
Mixed Aspen	132 Cords	\$ 20.40/Cord	\$ _____
Mixed Hardwood	464 Cords	\$ 13.45/Cord	\$ _____
Paper Birch	43 Cords	\$ 10.95/Cord	\$ _____
Red Pine	1,672 Cords	\$ 46.95/Cord	\$ _____
White Pine	1,077 Cords	\$ 12.20/Cord	\$ _____
White Spruce	193 Cords	\$ 15.90/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 3.45 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

North Country Mix (41-012-20)  
T49N, R13W, SEC. 4; T49N, R13W, SEC. 9; Alger COUNTY

In response to the notice of sale to be held 2:00 p.m. (local time) on June 29, 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>			
Paper Birch	3.1 MBF	\$ 85.00/MBF	\$ _____
Red Maple	4.0 MBF	\$ 81.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	329 Cords	\$ 7.95/Cord	\$ _____
Mixed Aspen	130 Cords	\$ 16.70/Cord	\$ _____
N. White Cedar	3 Cords	\$ 3.15/Cord	\$ _____
Paper Birch	28 Cords	\$ 8.95/Cord	\$ _____
Red Maple	260 Cords	\$ 11.00/Cord	\$ _____
Red Pine	9 Cords	\$ 38.45/Cord	\$ _____
White Pine	56 Cords	\$ 10.00/Cord	\$ _____
White Spruce	203 Cords	\$ 13.00/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 6.60 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

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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