



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7155**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on May 31, 2023.**

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

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, CADILLAC MANAGEMENT UNIT, for certain timber on the following described lands:

Deadstream Crossing Mix (63-002-22) / T24N, R05W, SEC. 21, NE,NESW,SE.

T24N, R05W, SEC. 22, SWNW,SW.

T24N, R05W, SEC. 27, N1/2NW,NWNE.

T24N, R05W, SEC. 28, N1/2NE.

Missaukee County, Advertised Price \$330,095.40, 309.9 Acres, Aspen, Hardwood.

SALE NOTE: This sale involves the installation of two temporary DNR owned portable bridges. Once the sale is under contract, the DNR will begin the process on setting these two bridges along with associated composite mats.

Access may be through other public land.

Deadstream Upland Island (63-008-22) / T24N, R05W, SEC. 33, SE.

T24N, R05W, SEC. 34, SWNW,W1/2SW.

Missaukee County, Advertised Price \$58,387.90, 65.4 Acres, Aspen, Hardwood.

SALE NOTE: Note Unit 3 is skid trail access only and will likely need crane mats or be corduroyed with wood from the sale.

GNA2 156th Oak (63-803-22) / T16N, R15W, SEC. 7 , S1/2NW,N1/2SW.

T16N, R16W, SEC. 12, NENE,S1/2NE,SE.

T16N, R16W, SEC. 13, NWNE,S1/2NE.

Oceana County, Advertised Price \$131,202.35, 154.5 Acres, Hardwood, Red Oak.

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

This is a Good Neighbor Authority (GNA) timber sale on national forest land. This timber sale was set-up and is being advertised by the Michigan DNR for the US Forest Service. The contract will be awarded and administered by the Michigan DNR. Note the additional Sale Specific Conditions & Requirements containing the acronym 'GNA'.

Access may be through other public land.

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

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

Bids must be received by the Unit Manager, BALDWIN OFFICE, 2468 W 24th Street, Baldwin, MI 49304, no later than 3:00 p.m. (local time) on May 31, 2023. For further information concerning this sale, contact David Fisher at 231-745-4651 extension 6946.

### 2. Bidder's Qualifications (10/22)

If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale. A person must be 18 years of age or older to purchase timber. Permanent employees of the Department of Natural Resources or members of their immediate household may not bid. Former employees, in the permanent or seasonal class, may not bid until 3 months after the last day of active duty. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

### 3. Preparation of Sealed Bids (5/16)

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

### 4. Submission of Sealed Bids (5/16)

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

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

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

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

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

### 6. Award of Contract (1/11)

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

### 7. Down Payment (1/11)

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

### 8. Performance Security (1/11)

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

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

#### 9. Worker's Compensation (10/22)

Purchaser shall obtain worker's compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. Verification of Worker's Disability Compensation Act Compliance must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if applicable, Notice of Exclusion or Certificate of Insurance must also be submitted.

#### 10. Timber Sale Contract (10/22)

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

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

#### 11. Disclaimer of Estimates and Bidder's Warranty of Inspection (10/22)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

#### 12. Certification and Chain-of-Custody (10/22)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate #NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

#### 13. Good Neighbor Authority (GNA) Requirements (10/22)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In

addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

14. Good Neighbor Authority (GNA) Requirements, con't (10/22)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining , attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

SHANNON LOTT, Acting  
Director

## TIMBER SALE INFORMATION

### Deadstream Crossing Mix (63-002-22)

T24N, R05W, SEC. 21; T24N, R05W, SEC. 22; T24N, R05W, SEC. 27; T24N, R05W, SEC. 28.  
Missaukee County (Advertised Price \$330,095.40)

SALE NOTE: This sale involves the installation of two temporary DNR owned portable bridges. Once the sale is under contract, the DNR will begin the process on setting these two bridges along with associated composite mats.

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>
<b>Sawtimber</b>			
Balsam Fir	60.4	MBF	\$ 44.00 / MBF
Black Cherry	183.0	MBF	\$ 187.00 / MBF
Mixed Aspen	431.2	MBF	\$ 98.00 / MBF
Paper Birch	16.2	MBF	\$ 45.00 / MBF
Red Maple	262.9	MBF	\$ 92.00 / MBF
Sugar Maple	24.7	MBF	\$ 278.00 / MBF
White Pine	21.4	MBF	\$ 83.00 / MBF
<b>Pulpwood</b>			
Balsam Fir	1,928	Cords	\$ 32.55 / Cord
Basswood	38	Cords	\$ 18.55 / Cord
Mixed Aspen	3,835	Cords	\$ 26.80 / Cord
Mixed Hardwood	1,725	Cords	\$ 19.30 / Cord
Paper Birch	136	Cords	\$ 18.15 / Cord
White Pine	770	Cords	\$ 18.40 / Cord
White Spruce	52	Cords	\$ 23.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.24 percent. There are an estimated 10,574 cords on this timber sale, plus or minus 661 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 \$16,505.00 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	27.4%
02	16.2%
03	17.4%
04	10.0%
05	2.1%
06	26.9%
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**

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
835,364	10,574	6.24%	9,913	11,235

## 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
2	208,201	2,635	13.06%	2,291	2,980
22	101,826	1,289	21.51%	1,012	1,566
47	525,337	6,650	7.40%	6,158	7,142
<b>TOTAL:</b>	<b>835,364</b>	<b>10,574</b>		<b>9,461</b>	<b>11,688</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
2	75.0	6	75.0
22	48.9	4	40.3
		5	8.6
47	186.0	1	83.5
		2	49.5
		3	53.0
<b>TOTAL:</b>	<b>309.9</b>		<b>309.9</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Balsam Fir	Sawtimber	27.1	MBF	83.5	\$90,350.60	
	<i>Balsam Fir</i>		26.4	<i>MBF</i>			
	<i>Tamarack</i>		0.7	<i>MBF</i>			
	Black Cherry		70.8	MBF			
	Mixed Aspen		30.8	MBF			
	<i>B. T. Aspen</i>		30.8	<i>MBF</i>			
	Paper Birch		2.5	MBF			
	Red Maple		91.8	MBF			
	Balsam Fir		Pulpwood	609			Cords
	<i>Balsam Fir</i>			606			<i>Cords</i>
	<i>Tamarack</i>			3			<i>Cords</i>
	Mixed Aspen			1,073			Cords
	<i>B. T. Aspen</i>			753			<i>Cords</i>
	<i>Quaking Aspen</i>			320			<i>Cords</i>
	Mixed Hardwood			530			Cords
	<i>Black Cherry</i>			167			<i>Cords</i>
	<i>Red Maple</i>			363			<i>Cords</i>
	Paper Birch	41		Cords			
	White Pine	250		Cords			
	White Spruce	8		Cords			
2	Balsam Fir	Sawtimber		16.0	MBF	49.5	\$53,526.00
	<i>Balsam Fir</i>		15.6	<i>MBF</i>			
	<i>Tamarack</i>		0.4	<i>MBF</i>			
	Black Cherry		42.0	MBF			
	Mixed Aspen		18.2	MBF			
	<i>B. T. Aspen</i>		18.2	<i>MBF</i>			
	Paper Birch		1.5	MBF			
	Red Maple		54.4	MBF			
	Balsam Fir		Pulpwood	360	Cords		
	<i>Balsam Fir</i>			359	<i>Cords</i>		
	<i>Tamarack</i>			1	<i>Cords</i>		
	Mixed Aspen			635	Cords		
	<i>B. T. Aspen</i>			446	<i>Cords</i>		
	<i>Quaking Aspen</i>			189	<i>Cords</i>		
	Mixed Hardwood			316	Cords		
	<i>Black Cherry</i>			100	<i>Cords</i>		
	<i>Red Maple</i>			216	<i>Cords</i>		
	Paper Birch	24		Cords			
	White Pine	148		Cords			
	White Spruce	5		Cords			
3	Balsam Fir	Sawtimber		17.3	MBF	53.0	\$57,344.75
	<i>Balsam Fir</i>		16.8	<i>MBF</i>			
	<i>Tamarack</i>		0.5	<i>MBF</i>			
	Black Cherry		45.0	MBF			
	Mixed Aspen		19.5	MBF			
	<i>B. T. Aspen</i>		19.5	<i>MBF</i>			
	Paper Birch		1.6	MBF			
	Red Maple		58.3	MBF			
	Balsam Fir		Pulpwood	385	Cords		
	<i>Balsam Fir</i>			384	<i>Cords</i>		
	<i>Tamarack</i>			1	<i>Cords</i>		
	Mixed Aspen			681	Cords		
	<i>B. T. Aspen</i>			478	<i>Cords</i>		
	<i>Quaking Aspen</i>			203	<i>Cords</i>		
	Mixed Hardwood			338	Cords		
	<i>Black Cherry</i>			107	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
3 con't	<i>Red Maple</i>	<i>Pulpwood</i>	231	<i>Cords</i>		
	Paper Birch		26	Cords		
	White Pine		159	Cords		
	White Spruce		5	Cords		
4	Black Cherry	Sawtimber	20.8	MBF	40.3	\$33,062.95
	Mixed Aspen		55.4	MBF		
	<i>B. T. Aspen</i>		30.4	<i>MBF</i>		
	<i>Quaking Aspen</i>		25.0	<i>MBF</i>		
	Paper Birch		8.7	MBF		
	Red Maple		28.8	MBF		
	Balsam Fir	Pulpwood	209	Cords		
	<i>Balsam Fir</i>		209	<i>Cords</i>		
	Basswood		31	Cords		
	Mixed Aspen		276	Cords		
	<i>B. T. Aspen</i>		236	<i>Cords</i>		
	<i>Quaking Aspen</i>		40	<i>Cords</i>		
	Mixed Hardwood		194	Cords		
	<i>Black Cherry</i>		21	<i>Cords</i>		
	<i>Red Maple</i>		173	<i>Cords</i>		
	Paper Birch		27	Cords		
	White Pine		56	Cords		
	White Spruce		28	Cords		
5	Black Cherry	Sawtimber	4.4	MBF	8.6	\$7,047.30
	Mixed Aspen		11.8	MBF		
	<i>B. T. Aspen</i>		6.5	<i>MBF</i>		
	<i>Quaking Aspen</i>		5.3	<i>MBF</i>		
	Paper Birch		1.9	MBF		
	Red Maple		6.2	MBF		
	Balsam Fir	Pulpwood	45	Cords		
	<i>Balsam Fir</i>		45	<i>Cords</i>		
	Basswood		7	Cords		
	Mixed Aspen		58	Cords		
	<i>B. T. Aspen</i>		50	<i>Cords</i>		
	<i>Quaking Aspen</i>		8	<i>Cords</i>		
	Mixed Hardwood		41	Cords		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		37	<i>Cords</i>		
	Paper Birch		6	Cords		
	White Pine		12	Cords		
	White Spruce		6	Cords		
6	Mixed Aspen	Sawtimber	295.5	MBF	75.0	\$88,763.80
	<i>B. T. Aspen</i>		295.5	<i>MBF</i>		
	Red Maple		23.4	MBF		
	Sugar Maple		24.7	MBF		
	White Pine		21.4	MBF		
	Balsam Fir	Pulpwood	320	Cords		
	<i>Balsam Fir</i>		320	<i>Cords</i>		
	Mixed Aspen		1,112	Cords		
	<i>B. T. Aspen</i>		1,112	<i>Cords</i>		
	Mixed Hardwood		306	Cords		
	<i>Black Cherry</i>		35	<i>Cords</i>		
	<i>Red Maple</i>		228	<i>Cords</i>		
	<i>Sugar Maple</i>		43	<i>Cords</i>		
	Paper Birch		12	Cords		
	White Pine		145	Cords		

TOTAL:	999.8	MBF
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TOTAL:	8,484	Cords
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## Sale Specific Conditions & Requirements

**Sale Name: Deadstream Crossing Mix**

**Sale Number: 63-002-22 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 (see map for locations). The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1-4, cut all trees that are two (2) inches or more at DBH except leave all white and red pine 12 inches in diameter and greater. As well leave all cedar and hemlock regardless of size.

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

Within Payment Unit(s) 5 and 6, cut all trees which meet minimum piece specifications in 2.2 Utilization except leave all white and red pine 20 inches in diameter and greater. As well leave all cedar and hemlock regardless of size.

### 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

##### 4.1.2 - Stream crossings, specific (3/11)

The Deadstream and Addis creek crossings will require the installation of portable bridges. The portable bridge installation will be performed in accordance with the specifications on the appropriate permits which shall be provided by the DNR. Once sale is purchased the contract holder and timber sale administrator will coordinate the timing of the bridge installations to provide access the sale. Once bridges are installed, they will be left in place for a reasonable span of time for all harvesting operations to be completed. The installation and removal of the portable bridges will be performed by the DNR.

##### 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, or shall be chipped, utilized or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

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

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

#### 4.1.8 - Road work (1) (8/07)

The following sale will require some overgrown road work as well as construction of new logging roads. This work will require a bulldozer. Call local forester for more details on the location if this work.

### 4.2 - Maintenance

#### 4.2.5 - Two wheel drive condition (2/04)

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

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

#### 5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Written permission is required before harvest operations begin and must be submitted to the Unit Manager. Contact forester for more details on this.

#### 5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 3 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the pipeline R.O.W. for operations. There are multiple pipelines in this area that will need to be crossed with log truck traffic and will need protection at the pipeline company's specs. Producer will need to coordinate with pipeline companies along with the DNR on pipeline crossings requirements and exact locations of said crossings. Pipeline companies involved in sale are the following: Consumers, Trans Canada, Missaukee Oil and Gas and Wolverine, NGL. Contact Manton office for more info if needed.

### 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

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

Within Payment Unit(s) 1-6, unless changed by written agreement, cutting, skidding, and hauling are limited to dry summer conditions or frozen winter. This restriction is because of the seasonally wet nature of this area and its access roads.

##### 5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two 10 inch diameter or larger log size pieces on the ground for every four acres. They should be scattered throughout the sale or positioned per the sale administrators instructions. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

#### 5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

The haul road will require the use interlocking composite mats. Approximately 420 feet of haul road will need composite mat protection at location shown on the Timber Sale Map. Mats will be made available by 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. Composite mats are only available from the Roscommon CSC. 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 \$700.00 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.

### 5.3 - Stream Protection

#### 5.3.1 - Operating near stream (7/04)

No tracked or wheeled vehicles shall be operated within 100 feet of dead stream creek, except at an approved crossing. This crossing will have a DNR provided temporary bridge.

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

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the main timber access road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



Sale Number	Year
63-002-22	22

# TIMBER SALE MAP

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

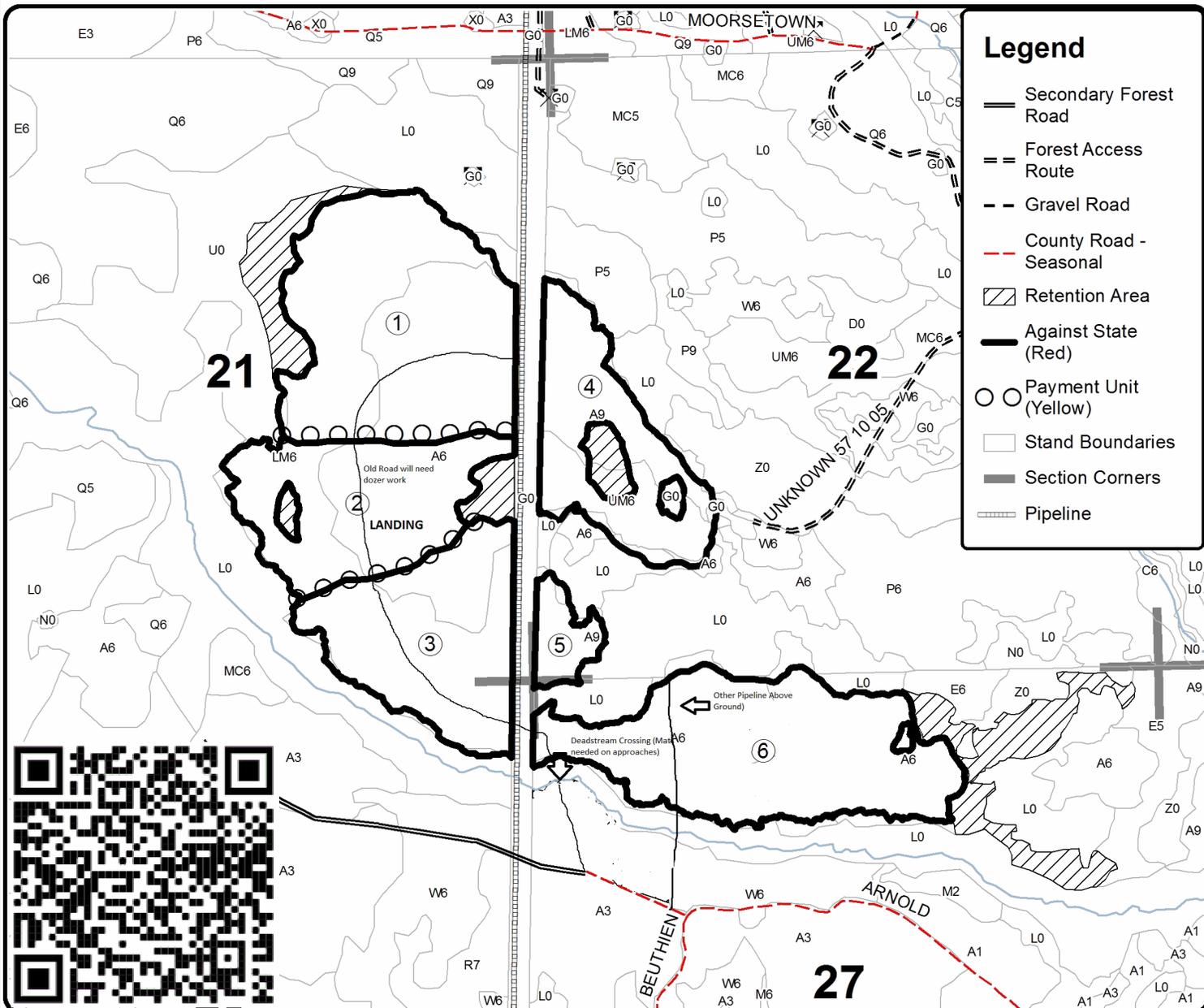
Forest Management Unit Cadillac	County Missaukee	Mapped By Ventimiglia	Date 05/20/22	Page 1	of 1
Township 24N	Range 05W	Section(s) and Subdivision(s) Sections 21,22,28 and 27	Scale 1:15,830		

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

PU	Acres	PU	Acres
1	83.5	4	40.3
2	49.5	5	8.6
3	53	6	75

## Deadstream Crossing Mix

Compartment 81,84,83  
309.9 Acres



Access from south. Two DNR installed temp bridges needed for access.



## TIMBER SALE INFORMATION

Deadstream Upland Island (63-008-22)  
T24N, R05W, SEC. 33; T24N, R05W, SEC. 34.  
Missaukee County (Advertised Price \$58,387.90)

SALE NOTE: Note Unit 3 is skid trail access only and will likely need crane mats or be corduroyed with wood from the sale.

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

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>		
B. T. Aspen	72.6 MBF	\$ 98.00 / MBF
Paper Birch	8.3 MBF	\$ 45.00 / MBF
Red Maple	117.8 MBF	\$ 92.00 / MBF
Red Oak	16.2 MBF	\$ 170.00 / MBF
White Pine	29.2 MBF	\$ 83.00 / MBF
White Spruce	3.0 MBF	\$ 37.00 / MBF
<b>Pulpwood</b>		
B. T. Aspen	758 Cords	\$ 26.80 / Cord
Balsam Fir	80 Cords	\$ 32.55 / Cord
Black Cherry	26 Cords	\$ 19.30 / Cord
Mixed Oak	10 Cords	\$ 24.70 / Cord
Paper Birch	22 Cords	\$ 18.15 / Cord
Red Maple	186 Cords	\$ 19.30 / Cord
Red Pine	10 Cords	\$ 42.00 / Cord
Tamarack	25 Cords	\$ 9.10 / Cord
White Pine	331 Cords	\$ 18.40 / Cord
White Spruce	16 Cords	\$ 23.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 18.98 percent. There are an estimated 2,028 cords on this timber sale, plus or minus 385 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 \$2,919.00 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	40.5%
02	24.0%
03	35.5%
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
160,238	2,028	18.98%	1,643	2,413

## 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
16	58,463	740	43.96%	415	1,065
23	101,775	1,288	20.25%	1,027	1,549
<b>TOTAL:</b>	<b>160,238</b>	<b>2,028</b>		<b>1,442</b>	<b>2,615</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
16	20.9	3	20.9
23	44.5	1	28.0
		2	16.5
<b>TOTAL:</b>	<b>65.4</b>		<b>65.4</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE				
1	B. T. Aspen	Sawtimber	21.6	MBF	28.0	\$23,699.40				
	Paper Birch		5.2	MBF						
	Red Maple		41.7	MBF						
	Red Oak		10.2	MBF						
	<i>/Red (Hybrid) Oak</i>		2.2	<i>MBF</i>						
	<i>Red Oak</i>		8.0	<i>MBF</i>						
	B. T. Aspen	Pulpwood	434	Cords						
	Balsam Fir		28	Cords						
	<i>Balsam Fir</i>		28	<i>Cords</i>						
	Black Cherry		10	Cords						
	Mixed Oak		6	Cords						
	<i>/Red (Hybrid) Oak</i>		2	<i>Cords</i>						
	<i>Red Oak</i>		4	<i>Cords</i>						
	Paper Birch		14	Cords						
	Red Maple		67	Cords						
	Tamarack		16	Cords						
	White Pine		55	Cords						
	White Spruce		8	Cords						
2	B. T. Aspen	Sawtimber	12.8	MBF	16.5	\$13,985.45				
	Paper Birch		3.1	MBF						
	Red Maple		24.6	MBF						
	Red Oak		6.0	MBF						
	<i>/Red (Hybrid) Oak</i>		1.3	<i>MBF</i>						
	<i>Red Oak</i>		4.7	<i>MBF</i>						
	B. T. Aspen	Pulpwood	255	Cords						
	Balsam Fir		17	Cords						
	<i>Balsam Fir</i>		17	<i>Cords</i>						
	Black Cherry		6	Cords						
	Mixed Oak		4	Cords						
	<i>/Red (Hybrid) Oak</i>		1	<i>Cords</i>						
	<i>Red Oak</i>		3	<i>Cords</i>						
	Paper Birch		8	Cords						
	Red Maple		40	Cords						
	Tamarack		9	Cords						
	White Pine		32	Cords						
	White Spruce		5	Cords						
3	B. T. Aspen	Sawtimber	38.2	MBF	20.9	\$20,703.05				
	Red Maple		51.5	MBF						
	White Pine		29.2	MBF						
	White Spruce		3.0	MBF						
	B. T. Aspen	Pulpwood	69	Cords						
	Balsam Fir		35	Cords						
	<i>Balsam Fir</i>		<i>Sawtimber</i>	13.4			<i>MBF</i>			
	<i>Balsam Fir</i>		<i>Pulpwood</i>	8			<i>Cords</i>			
	Black Cherry		10	Cords						
	Red Maple		79	Cords						
	Red Pine		10	Cords						
	<i>Red Pine</i>		<i>Sawtimber</i>	1.4			<i>MBF</i>			
	<i>Red Pine</i>		<i>Pulpwood</i>	7			<i>Cords</i>			
	White Pine		244	Cords						
	White Spruce		3	Cords						
	TOTAL:			247.1			MBF			
	TOTAL:			1,464			Cords			

## Sale Specific Conditions & Requirements

**Sale Name: Deadstream Upland Island**

**Sale Number: 63-008-22 Seq#: 1**

### 1 - Sale Area

#### 1.2 - Boundaries

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

The sale boundary is marked in red paint. Interior Payment Unit boundary is broken up by pipeline. (See map) Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH except leave all White and Red Pine 12 inches in diameter and larger.

##### 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 except leave all cedar. As well leave all WHITE PINE 20 inches in diameter and larger. As well leave all GREEN marked trees.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.12 - No new roads (1/12)

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

#### 4.2 - Maintenance

##### 4.2.5 - Two wheel drive condition (2/04)

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

### 5 - Operations

#### 5.1 - Notification

##### 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations in aa Payment Unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the pipeline R.O.W. for operations. This crossing has been used in the past but permission will still be needed.

#### 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

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

Within Payment Unit(s) 1-3, unless changed by written agreement, cutting, skidding, and hauling are limited to winter or

dry frozen conditions. This restriction is because of the wet nature of the stands as well as access road.

#### 5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 5.2.4 - Dead and Down Creation

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

To encourage grouse and other wildlife, in Payment Unit(s) 1 and 2 leave one, 10" diameter or larger log-length (8 foot minimum) piece on the ground for every 4 acres. These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles. This can be an unmerchantable piece or a full tree. E

#### 5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

The skid trail to Unit 3 may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. Approximately 300 feet of skid trail will need extra protection at locations shown on the Timber Sale Map. 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. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. 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 \$700.00 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.

#### 5.4 - Soil Protection

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

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

### 6 - Safety and Fire Prevention

#### 6.2 - Signing

##### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Beuthien road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



## TIMBER SALE INFORMATION

### GNA2 156th Oak (63-803-22)

T16N, R15W, SEC. 7; T16N, R16W, SEC. 12; T16N, R16W, SEC. 13.  
Oceana County (Advertised Price \$131,202.35)

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

This is a Good Neighbor Authority (GNA) timber sale on national forest land. This timber sale was set-up and is being advertised by the Michigan DNR for the US Forest Service. The contract will be awarded and administered by the Michigan DNR. Note the additional Sale Specific Conditions & Requirements containing the acronym 'GNA'.

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>
<b>Sawtimber</b>		
Beech	1.8 MBF	\$ 160.00 / MBF
Black/Red (Hybrid) Oak	73.0 MBF	\$ 110.00 / MBF
Mixed Aspen	58.5 MBF	\$ 113.00 / MBF
Red Maple	74.7 MBF	\$ 106.00 / MBF
Red Oak	219.4 MBF	\$ 196.00 / MBF
Red Pine	27.0 MBF	\$ 101.00 / MBF
Sugar Maple	9.1 MBF	\$ 321.00 / MBF
White Oak	115.7 MBF	\$ 77.00 / MBF
<b>Pulpwood</b>		
Mixed Aspen	198 Cords	\$ 30.90 / Cord
Mixed Hardwood	329 Cords	\$ 22.25 / Cord
Mixed Oak	726 Cords	\$ 28.50 / Cord
Red Pine	344 Cords	\$ 48.45 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 13.13 percent. There are an estimated 2,978 cords on this timber sale, plus or minus 391 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

1. A bond in the amount of \$13,120.00 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	17.1%
02	26.6%
03	14.8%
04	21.5%
05	10.4%
06	9.6%
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			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
235,258	2,978	13.13%	2,587	3,369

### 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
12	21,436	271	37.41%	170	373
14	48,044	608	28.32%	436	780
16	69,113	875	24.51%	660	1,089
17	34,299	434	47.95%	226	642
21	43,569	552	26.74%	404	699
27	18,797	238	58.06%	100	376
<b>TOTAL:</b>	<b>235,258</b>	<b>2,978</b>		<b>1,996</b>	<b>3,960</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
12	8.7	6	8.7
14	37.4	4	37.4
16	51.3	2	51.3
17	26.2	3	26.2
21	21.7	1	21.7
27	9.2	5	9.2
<b>TOTAL:</b>	<b>154.5</b>		<b>154.5</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Beech	Sawtimber	1.8	MBF	21.7	\$22,404.45
	Black/Red (Hybrid Mixed Aspen		11.6	MBF		
	<i>B. T. Aspen</i>		6.8	MBF		
	Red Maple		6.8	MBF		
	Red Oak		5.3	MBF		
	Red Pine		6.0	MBF		
	White Oak		20.5	MBF		
	Mixed Aspen		40.0	MBF		
	<i>B. T. Aspen</i>		8	Cords		
	Mixed Hardwood		8	Cords		
	<i>Beech</i>	20	Cords			
	<i>Black Cherry</i>	2	Cords			
	<i>Red Maple</i>	5	Cords			
	Mixed Oak	13	Cords			
	<i>/Red (Hybrid) Oak</i>	117	Cords			
	<i>Red Oak</i>	49	Cords			
	<i>White Oak</i>	12	Cords			
	Red Pine	56	Cords			
		189	Cords			
	2	Black/Red (Hybrid Mixed Aspen	Sawtimber	26.0		
<i>B. T. Aspen</i>		16.9		MBF		
Red Maple		16.9		MBF		
Red Oak		16.2		MBF		
White Oak		58.9		MBF		
Mixed Aspen		55.1		MBF		
<i>B. T. Aspen</i>		32		Cords		
Mixed Hardwood		32		Cords		
<i>Beech</i>		143		Cords		
<i>Red Maple</i>		3		Cords		
Mixed Oak		140		Cords		
<i>/Red (Hybrid) Oak</i>		299		Cords		
<i>Red Oak</i>		48		Cords		
<i>White Oak</i>		76		Cords		
		175		Cords		
3	Black/Red (Hybrid Mixed Aspen	Sawtimber	30.6	MBF	26.2	\$19,363.25
	<i>B. T. Aspen</i>		11.3	MBF		
	Red Oak		11.3	MBF		
	Mixed Aspen		42.4	MBF		
	<i>B. T. Aspen</i>		33	Cords		
	Mixed Hardwood		33	Cords		
	<i>Beech</i>		45	Cords		
	<i>Red Maple</i>		7	Cords		
	Mixed Oak		38	Cords		
	<i>/Red (Hybrid) Oak</i>		154	Cords		
	<i>Red Oak</i>		22	Cords		
	<i>White Oak</i>		100	Cords		
	32	Cords				
4	Mixed Aspen	Sawtimber	17.7	MBF	37.4	\$28,151.55
	<i>B. T. Aspen</i>		17.7	MBF		
	Red Maple		35.6	MBF		
	Red Oak		76.6	MBF		
	White Oak		7.4	MBF		
	Mixed Aspen		113	Cords		
	<i>B. T. Aspen</i>		113	Cords		
	Mixed Hardwood		37	Cords		
<i>Red Maple</i>	26	Cords				

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
4 con't	<i>Sugar Maple</i>	<i>Pulpwood</i>	11	<i>Cords</i>			
	Mixed Oak		87	<i>Cords</i>			
	<i>Red Oak</i>		73	<i>Cords</i>			
	<i>White Oak</i>		14	<i>Cords</i>			
5	Mixed Aspen	Sawtimber	2.5	MBF	9.2	\$13,692.25	
	<i>B. T. Aspen</i>		2.5	<i>MBF</i>			
	Red Maple		15.9	MBF			
	Red Oak		31.9	MBF			
	Sugar Maple	9.1	MBF				
	Mixed Aspen	Pulpwood	9	<i>Cords</i>			
	<i>B. T. Aspen</i>		9	<i>Cords</i>			
	Mixed Hardwood		65	<i>Cords</i>			
	<i>Beech</i>		8	<i>Cords</i>			
	<i>Red Maple</i>		27	<i>Cords</i>			
	<i>Sugar Maple</i>		30	<i>Cords</i>			
	Mixed Oak		29	<i>Cords</i>			
	<i>Red Oak</i>		29	<i>Cords</i>			
	6		Black/Red (Hybrid)	Sawtimber			4.8
Mixed Aspen			3.3		MBF		
<i>B. T. Aspen</i>		3.3	<i>MBF</i>				
Red Maple		1.7	MBF				
Red Oak		3.6	MBF				
Red Pine		6.5	MBF				
White Oak		13.2	MBF				
Mixed Aspen		Pulpwood	3		<i>Cords</i>		
<i>B. T. Aspen</i>			3		<i>Cords</i>		
Mixed Hardwood			19		<i>Cords</i>		
<i>Beech</i>			2		<i>Cords</i>		
<i>Red Maple</i>			17		<i>Cords</i>		
Mixed Oak			40		<i>Cords</i>		
<i>/Red (Hybrid) Oak</i>			7		<i>Cords</i>		
<i>Red Oak</i>			3		<i>Cords</i>		
<i>White Oak</i>			30		<i>Cords</i>		
Red Pine			155		<i>Cords</i>		
TOTAL:			579.2	MBF			
TOTAL:			1,597	Cords			

## Sale Specific Conditions & Requirements

Sale Name: GNA2 156th Oak

Sale Number: 63-803-22 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 orange paint. Exterior sale boundary lines against private property are marked with orange paint. Exterior sale boundary lines against state are marked with orange paint. Interior Payment Unit boundaries are marked with orange paint. The painted boundary line trees are not Included Timber and are to be protected.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 2-5, all trees are designated for cutting when marked with blue paint above and below stump height, regardless of merchantability.

##### 2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 1 and 6, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting except trees marked with orange paint above and below stump height. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

#### 2.2 - Utilization

##### 2.2.12 - GNA, cut and remove Included Timber (3/18)

Unless provided otherwise herein, the DNR agrees to sell and permit Purchaser to cut and remove Included Timber and Purchaser agrees to purchase, cut, and remove Included Timber.

### 3 - Payments

#### 3.3 - Pre-measured Sales

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

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

#### 3.4 - Damaged Timber

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

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with orange paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay twice the bid value 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

##### 4.1.6 - 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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

#### 4.2 - Maintenance

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

For completion of the sale, 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.

##### 4.2.5 - 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

##### 4.4.5 - Federal property access (3/11)

Permission for access across federal land has been obtained by the DNR.

### 5 - Operations

#### 5.2 - Conduct of Operations

##### 5.2.1 - Slash

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

No slash 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

###### 5.2.3.1 - 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 May 1 to September 15. This restriction is potential *Myotis sodalis* habitat and turtle habitat.

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

Within Payment Unit(s) 1-6 cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

###### 5.2.3.14 - heterobasidion root disease (HRD) (3/21)

This plantation is at risk of infection by the root rot fungus, *Heterobasidion irregulare*. To prevent the spread of this disease, cutting operations within Payment Unit(s) 1 and 6 are restricted to the period of January 1st through February 28th. Cutting may only occur outside this period with written permission of the Unit Manager or with the application of a preventative pesticide. Cellu-Treat and RotStop C are currently the only EPA registered products available in the United States for the control of *Heterobasidion*. Both products are a water-soluble powder that must be applied to the stump, in accordance with the product label. Dye must be added to these products to provide visible evidence of adequate coverage. Application of these pesticides requires licensing by the Michigan Department of Agriculture and Rural Development. All applicators are required to: provide to the Sale Administrator notification of application per requirements in 40 CFR 170.120; and document and provide to the Sale Administrator annually, by December 31 and prior to closure of sale, the volume of product used and acres treated.

#### 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.

### 5.6 - Debris and Waste Material

#### 5.6.2 - GNA, equipment cleaning (1/16)

(a) Areas, known by the DNR prior to timber sale advertisement, that are infested with invasive species of concern are shown on the Timber Sale Map. A current list of invasive species of concern and a map showing the extent of known infestations is available from the DNR. For purposes of this provision, "Off-Road Equipment" includes all logging and construction machinery, except for log trucks, chip vans, service vehicles, water trucks, pickup trucks, cars, and similar vehicles.

(b) Purchaser shall adhere to the following requirements with regard to cleaning "Off-Road Equipment":

(i) Prior to moving Off-Road Equipment onto the Sale Area, Purchaser shall identify the location of the equipment's most recent operation. Purchaser shall not move any Off-Road Equipment that last operated in an area infested with one or more invasive species of concern onto Sale Area without having cleaned such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and having notified the DNR, as provided in (iii). If the location of prior operation cannot be identified, then Purchaser shall assume that the location is infested with invasive species of concern.

(ii) Prior to moving Off-Road Equipment from a cutting unit that is shown on the Timber Sale Map to be infested with invasive species of concern to, or through any other area that is shown as being free of invasive species of concern, or infested with a different invasive species, Purchaser shall clean such equipment of seeds, soil, vegetative matter, and other debris that could contain or hold seeds, and shall notify the DNR, as provided in (iii).

(iii) Prior to moving any Off-Road Equipment subject to the cleaning requirements set forth above, Purchaser shall advise DNR of its cleaning measures and make the equipment available for inspection. DNR shall have 2 days, excluding weekends and State holidays, to inspect equipment after it has been made available. After satisfactory inspection or after such 2 day period, Purchaser may move the equipment as planned. Equipment shall be considered clean when a visual inspection does not disclose seeds, soil, vegetative matter, and other debris that could contain or hold seeds. Purchaser shall not be required to disassemble equipment unless so directed by the DNR after inspection.

(iv) If Purchaser desires to clean Off-Road Equipment on National Forest land, such as at the end of a project or prior to moving to, or through an area that is free of invasive species of concern, Purchaser shall obtain prior approval from the Unit Manager or his/her representative as to the location for such cleaning and measures, if any, for controlling impacts.

(v) Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(c) Nothing contained in this Condition & Requirement shall be interpreted as creating any warranty on the part of the DNR that all locations of invasive species of concern have been described herein, elsewhere in this Contract, or designated on the ground. Following sale advertisement, additional locations may be described or designated, and other species may be added to the list of invasive species of concern. In such event, the Unit Manager or his/her representative may order delay, interruption, or modification of this Contract pursuant to Condition & Requirement 7.3 or 7.3.4.

(d) The parties shall promptly communicate with one another with respect to description or designation of additional locations; discovery of locations of new species or new infestation; and, addition of species to the list of invasive species of concern.

## 5.7 - Protection of Historical Sites

### 5.7.1 - Historical sites (7/12)

The Purchaser shall not cut live or dead trees or operate equipment within historical sites. Historical sites are marked with an orange boundary line. The Purchaser shall protect historical sites from damage by the Purchaser's operations. If Purchaser's operations have cut or damaged historical sites through carelessness, the Purchaser shall pay \$5,000 as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged.

## 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 156th Avenue prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

## 7 - Other Conditions

SKIP

### 7.1.1 - GNA, title (7/16)

General Condition & Requirement 7.1 is inapplicable. The following applies to this contract.

All right, title, and interest in and to any Included Timber shall remain in USDA Forest Service with the State of Michigan acting on behalf of the USDA Forest Service under this GNA contract, until it has been Measured, removed from Sale Area or other authorized cutting area, and paid for, at which time title shall vest in Purchaser. Title to any Included Timber that has been Measured and paid for, but not removed from Sale Area or other authorized cutting area by Purchaser on or prior to Termination Date, shall remain in USDA Forest Service.

## 7.3 - Contract Modifications

### 7.3.4 - GNA, contract suspension and modification (5/16)

(a) The Unit Manager may, by written order, delay or interrupt authorized operations under this contract or, notwithstanding Condition & Requirement 7.3, modify this contract, in whole or in part:

(i) To prevent environmental degradation or resource damage, including, but not limited to, harm to habitat, plants, animals, cultural resources, or cave resources;

(ii) To ensure consistency with land and resource management plans or other documents prepared pursuant to the National Environmental Policy Act of 1969, 42 USC 4321-4347;

(iii) To conduct environmental analysis, including, but not limited to, engaging in consultation pursuant to the Endangered Species Act of 1973, 16 USC 1531, et seq.; or

(iv) Upon agreement of the Forest Service, due to administrative appeal or litigation, regardless of whether the Unit Manager's order is required by a court order or this contract is named in such a proceeding.

(b) In the event of an order delaying or interrupting Purchaser's Operations under this Condition & Requirement, Purchaser's

remedy shall be:

(i) a no cost contract extension,

(ii) reimbursement for Out-of-Pocket Expenses,

however, the foregoing remedies shall be available only to the extent that the Unit Manager's order was the sole and exclusive cause of the delay or interruption of Purchaser's operations.

(c) Remedies awarded to the Purchaser shall not be duplicative, and the Unit Manager shall have the right to structure remedies provided herein to avoid duplicative compensation.

(d) Purchaser agrees that this Condition & Requirement, and the remedies provided herein shall apply regardless of any finding by any court that the DNR failed to comply with any statute, regulation and/or policy in connection with awarding, advertising, or authorizing this sale, or a similar sale.

## 7.5 - Loss

### 7.5.2 - GNA, liability for loss (7/16)

If Included Timber is destroyed or damaged by an unexpected event that changes the nature of Included Timber, such as wind, flood, insects, disease, or similar cause, the Purchaser shall bear the timber value loss resulting from such destruction or damage.

Deterioration or loss of timber value due to delay or interruption under 7.3.4 - GNA, contract suspension and modification, shall be borne by the party holding title. In this event, Included Timber to which USDA Forest Service holds title, Purchaser of the State GNA contract will not be obligated to remove and pay for such timber. This Subsection shall not be construed to relieve either party of liability for negligence.

## 7.10 - Certified Timber

### 7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale belong to the National Forest system and are being managed by the State as part of a Good Neighbor Authority (GNA) agreement.



Sale Number	Year
63-803	22

### TIMBER SALE MAP

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

Forest Management Unit	County	Mapped By	Date	Page	of
Cadillac Management Unit	Oceana	Krugh	08/02/2022	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
16N	15 and 16W	Sec 7: S1/2NE, N1/2SW Sec 12 NENE, S1/2NE, SE Sec 13: NWNE, S1/2NE	1:15,840		

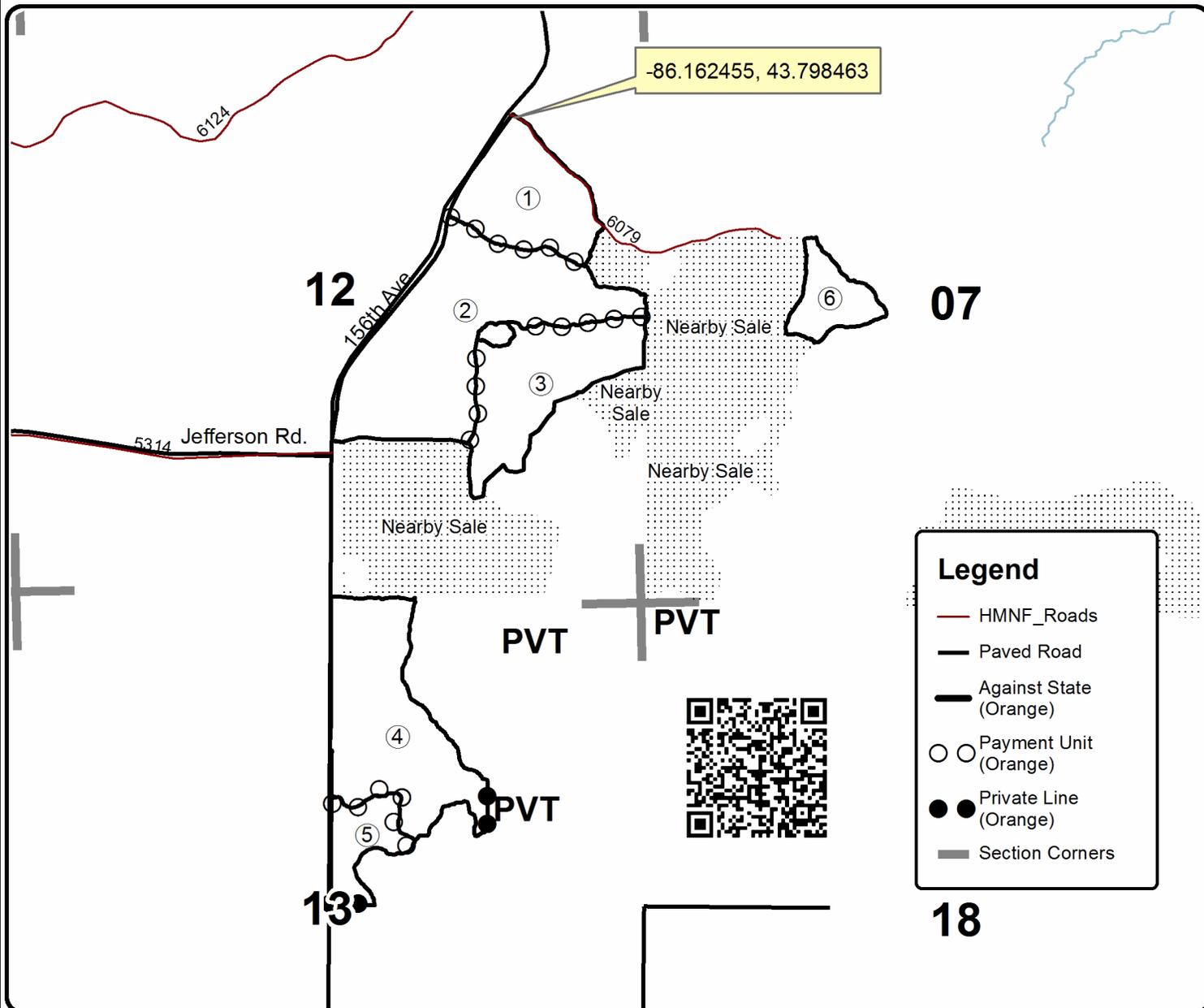
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium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

PU	Acres	PU	Acres
1	21.7	4	37.4
2	51.3	5	9.2
3	26.2	6	8.7

## GNA2 156th Oak

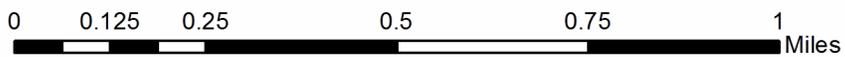
### Compartment 7921138

154.5 Acres



**Legend**

- HMNF\_Roads
- Paved Road
- Against State (Orange)
- ○ Payment Unit (Orange)
- ● Private Line (Orange)
- Section Corners



Deadstream Crossing Mix (63-002-22)  
T24N, R05W, SEC. 21; T24N, R05W, SEC. 22; T24N, R05W, SEC. 27; T24N,

In response to the notice of sale to be held 3:00 p.m. (local time) on May 31, 2023, 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>			
Balsam Fir	60.4 MBF	\$ 44.00/MBF	\$ _____
Black Cherry	183.0 MBF	\$ 187.00/MBF	\$ _____
Mixed Aspen	431.2 MBF	\$ 98.00/MBF	\$ _____
Paper Birch	16.2 MBF	\$ 45.00/MBF	\$ _____
Red Maple	262.9 MBF	\$ 92.00/MBF	\$ _____
Sugar Maple	24.7 MBF	\$ 278.00/MBF	\$ _____
White Pine	21.4 MBF	\$ 83.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	1,928 Cords	\$ 32.55/Cord	\$ _____
Basswood	38 Cords	\$ 18.55/Cord	\$ _____
Mixed Aspen	3,835 Cords	\$ 26.80/Cord	\$ _____
Mixed Hardwood	1,725 Cords	\$ 19.30/Cord	\$ _____
Paper Birch	136 Cords	\$ 18.15/Cord	\$ _____
White Pine	770 Cords	\$ 18.40/Cord	\$ _____
White Spruce	52 Cords	\$ 23.70/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 6.24 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**



Deadstream Upland Island (63-008-22)  
T24N, R05W, SEC. 33; T24N, R05W, SEC. 34; Missaukee COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on May 31, 2023, I am hereby submitting my sealed bid ( firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
B. T. Aspen	72.6 MBF	\$ 98.00/MBF	\$ _____
Paper Birch	8.3 MBF	\$ 45.00/MBF	\$ _____
Red Maple	117.8 MBF	\$ 92.00/MBF	\$ _____
Red Oak	16.2 MBF	\$ 170.00/MBF	\$ _____
White Pine	29.2 MBF	\$ 83.00/MBF	\$ _____
White Spruce	3.0 MBF	\$ 37.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	758 Cords	\$ 26.80/Cord	\$ _____
Balsam Fir	80 Cords	\$ 32.55/Cord	\$ _____
Black Cherry	26 Cords	\$ 19.30/Cord	\$ _____
Mixed Oak	10 Cords	\$ 24.70/Cord	\$ _____
Paper Birch	22 Cords	\$ 18.15/Cord	\$ _____
Red Maple	186 Cords	\$ 19.30/Cord	\$ _____
Red Pine	10 Cords	\$ 42.00/Cord	\$ _____
Tamarack	25 Cords	\$ 9.10/Cord	\$ _____
White Pine	331 Cords	\$ 18.40/Cord	\$ _____
White Spruce	16 Cords	\$ 23.70/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 18.98 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**

GNA2 156th Oak (63-803-22)  
T16N, R15W, SEC. 7; T16N, R16W, SEC. 12; T16N, R16W, SEC. 13; Oceana

In response to the notice of sale to be held 3:00 p.m. (local time) on May 31, 2023, 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>			
Beech	1.8 MBF	\$ 160.00/MBF	\$ _____
Black/Red (Hybrid) Oak	73.0 MBF	\$ 110.00/MBF	\$ _____
Mixed Aspen	58.5 MBF	\$ 113.00/MBF	\$ _____
Red Maple	74.7 MBF	\$ 106.00/MBF	\$ _____
Red Oak	219.4 MBF	\$ 196.00/MBF	\$ _____
Red Pine	27.0 MBF	\$ 101.00/MBF	\$ _____
Sugar Maple	9.1 MBF	\$ 321.00/MBF	\$ _____
White Oak	115.7 MBF	\$ 77.00/MBF	\$ _____
<b>Pulpwood</b>			
Mixed Aspen	198 Cords	\$ 30.90/Cord	\$ _____
Mixed Hardwood	329 Cords	\$ 22.25/Cord	\$ _____
Mixed Oak	726 Cords	\$ 28.50/Cord	\$ _____
Red Pine	344 Cords	\$ 48.45/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 13.13 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**

