

# DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

### **TIMBER SALE PROSPECTUS #7033**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on March 16, 2022. LOCATION: ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.

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

Red Pine Fertilization (71-001-22) / T21N, R04W, SEC. 10, SW.

Roscommon County, Advertised Price \$17,457.65, 22.7 Acres, White Pine, Red Pine.

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

- See sale spec 2.2.2 for information on chipping requirements.
- There are no extensions, see sale spec 7.2.2 for information.

Squatch KW (71-003-22) / T23N, R01E, SEC. 5, SWSW.

T23N, R01E, SEC. 7, E1/2NE, NESE.

T23N, R01E, SEC. 8, NW,W1/2NE,N1/2SW,SWSW,NWSE.

T23N, R01E, SEC. 9, NENW, N1/2NE.

Ogemaw County, Advertised Price \$9,021.35, 249.8 Acres, Jack Pine, Hardwood.

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

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

West Robinson Mix (71-004-22) / T24N, R04W, SEC. 17, SW,N1/2SE,SWSE.

T24N, R04W, SEC. 21, NENE, S1/2NE, N1/2SE.

Roscommon County, Advertised Price \$87,294.85, 106.4 Acres, Hardwood, Aspen.

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

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

Loxley's Forgotten Mix (71-005-22) / T21N, R04W, SEC. 15, SESE.

T21N, R04W, SEC. 22, E1/2NE.

T21N, R04W, SEC. 23, W1/2NW.

Roscommon County, Advertised Price \$7,641.40, 18.2 Acres, Hardwood, Jack Pine.

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

Backus Dike Overflow (71-008-22) / T22N, R02W, SEC. 4, NW.

T22N, R02W, SEC. 5, NENE.

T23N, R02W, SEC. 32, SENE, N1/2SE, SESE.

T23N, R02W, SEC. 33, NW,SW.

Roscommon County, Advertised Price \$114,354.75, 135.1 Acres, Aspen, 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.

Access to the sale will be over a dike water control structure overseen by the Wildlife Division. It will require composite mat placement prior to any operations beginning, keeping an access gate closed at all times, and special attention to any rutting to the new dike system. This is why hauling is restricted to December 15 to March 15 on the dike structure to utilize frozen ground conditions to help alleviate any potential rutting to the structures surface. Any repairs to the dike will be the responsibility of the purchaser and must meet Wildlife Divisions requirements.

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

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

Bids must be received by the Unit Manager, ROSCOMMON OFFICE, PO BOX 218, ROSCOMMON, MI 48653, no later than 9:00 a.m. (local time) on March 16, 2022. For further information concerning this sale, contact Doug Bates at 989-275-4622 extension 2740.

### 2. Bidder's Qualifications (5/16)

Purchaser shall obtain workers compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale contract. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### 9. Timber Sale Contract (7/18)

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

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

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

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

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

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

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

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

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

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

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

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

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

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

DAN EICHINGER
Director

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# TIMBER SALE INFORMATION

# Red Pine Fertilization (71-001-22) T21N, R04W, SEC. 10.

Roscommon County (Advertised Price \$17,457.65)

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

- See sale spec 2.2.2 for information on chipping requirements.
- There are no extensions, see sale spec 7.2.2 for information.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the 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:

<b>ESTIMATE</b>	D UNITS*	ADVE	RTISED PRICE
5.0	MBF	\$	104.00 / MBF
96.9	MBF	\$	89.00 / MBF
60.3	MBF	\$	49.00 / MBF
30	Cords	\$	23.80 / Cord
17	Cords	\$	15.50 / Cord
5	Cords	\$	15.05 / Cord
35	Cords	\$	33.10 / Cord
129	Cords	\$	24.40 / Cord
	5.0 96.9 60.3 30 17 5 35	96.9 MBF 60.3 MBF 30 Cords 17 Cords 5 Cords 35 Cords	5.0 MBF \$ 96.9 MBF \$ 60.3 MBF \$ 30 Cords \$ 17 Cords \$ 5 Cords \$ 35 Cords \$

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 11.38 percent. There are an estimated 656 cords on this timber sale, plus or minus 75 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 \$873.00 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 remainder is due before cutting begins.
  - (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

100.0%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 03/31/2023.

### **SALE STATISTICS**

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

#### **SALE VOLUMES**

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
51,791	656	11.38%	581	730

### **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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	42,663	540	11.39%	479	602
TOTAL:	42,663	540		479	602

# **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	22.7	1	22.7
TOTAL:	22.7		22.7

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

				_		
PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Bl/R/Hybrid Oak	Sawtimber	5.0	MBF	22.7	\$17,457.65
	Red Pine		96.9	MBF		
	White Pine		60.3	MBF		
	B. T. Aspen	Pulpwood	30	Cords		
	BI/R/Hybrid Oak		17	Cords		
	Red Maple		5	Cords		
	Red Pine		35	Cords		
	White Pine		129	Cords		
		TOTAL:	162.2	MBF		
		TOTAL:	216	Cords		

### Sale Specific Conditions & Requirements

Sale Name: Red Pine Fertilization Sale Number: 71-001-22 Seg#: 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 paint. Exterior sale boundary lines against state are marked with red 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.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all trees that are 1" or more at DBH, except trees marked with green paint above and below stump height.

### 2.2 - Utilization

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

This sale must be chip harvested to facilitate future silvicultural research activities. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing, but there is no guarantee an exemption will be granted. If the deadline is not met, damages will be collected determined by the cost to complete this work. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

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

Stump heights within the Sale Area shall not exceed 4 inches for all trees. This is to facilitate future silvicultural research operations.

### 3 - Payments

### 3.3 - Pre-measured Sales

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

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

### 3.4 - Damaged Timber

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

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

### 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 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. Contact the sale administrator for specific details of design and placement.

#### 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 in advance to schedule the conference.

### 5.2 - Conduct of Operations

### 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.

### 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 Old 127 prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

#### 7 - Other Conditions

#### 7.2 - Extensions

### 7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. This sale is already scheduled for future research activities.

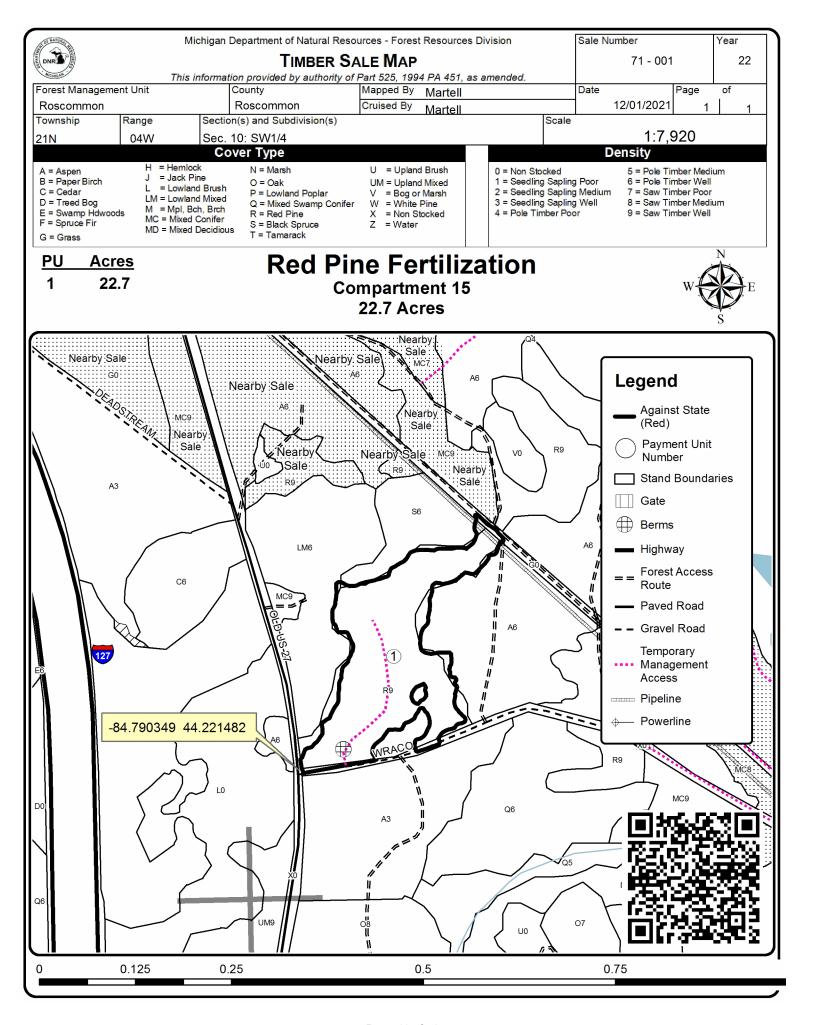
#### 8 - Performance and Settlement

### 8.3 - Uncompleted or Terminated Contracts

#### 8.3.1 - Completion of contract, chipping (1/16)

In addition to cutting, all chipping must be completed by the contract expiration date. If chipping has not been completed, an extension fee or damages may be charged per General Condition & Requirement 7.2 and 8.3.

Section Name: Sale Specific Current as of 1/21/2022 8:48:34AM



### TIMBER SALE INFORMATION

#### Squatch KW (71-003-22)

T23N, R01E, SEC. 5; T23N, R01E, SEC. 7; T23N, R01E, SEC. 8; T23N, R01E, SEC. 9.

Ogemaw County (Advertised Price \$9,021.35)

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

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

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

PRODUCTS & SPECIES	ESTIMATED UNITS*		<u>ADVE</u>	RTISED PRICE
Pulpwood				
BI/R/Hybrid Oak	62	Cords	\$	15.50 / Cord
Jack Pine	591	Cords	\$	9.75 / Cord
Red Pine	51	Cords	\$	33.10 / Cord
White Pine	25	Cords	\$	24.40 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 14.84 percent. There are an estimated 851 cords on this timber sale, plus or minus 126 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 \$451.00 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	42.1%
02	47.1%
03	10.8%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 03/31/2023.

#### **SALE STATISTICS**

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

#### **SALE VOLUMES**

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

VOLUME		S		ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
67,244	851	14.84%	725	978

### **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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
34	7,923	100	21.25%	79	122
36	49,696	629	16.59%	525	733
TOTAL:	57,619	729		604	855

### **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
34	45.9	3	45.9
36	203.9	1	96.2
		2	107.7
TOTAL:	249.8		249.8

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Bl/R/Hybrid Oak	Pulpwood	29	Cords	96.2	\$3,798.70
	Jack Pine	·	232	Cords		
	Red Pine		24	Cords		
	White Pine		12	Cords		
	White Pine	Sawtimber	4.0	MBF		
	White Pine	Pulpwood	4	Cords		
2	Bl/R/Hybrid Oak	Pulpwood	33	Cords	107.7	\$4,247.65
	Jack Pine		259	Cords		
	Red Pine		27	Cords		
	White Pine		13	Cords		
	White Pine	Sawtimber	4.4	MBF		
	White Pine	Pulpwood	4	Cords		
3	Jack Pine	Pulpwood	100	Cords	45.9	\$975.00
		TOTAL:	729	Cords		

### Sale Specific Conditions & Requirements

Sale Name: Squatch KW Sale Number: 71-003-22 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. 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) 1-3, cut all trees that are one (1) inch or more at DBH.

#### 2.2 - Utilization

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

This area must be chip harvested to facilitate subsequent planting operations and meet Kirtland's warbler habitat requirements. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

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

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

#### 3 - Payments

#### 3.3 - Pre-measured Sales

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

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

#### 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 upon completion of the sale. 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. Contact the sale administrator for specific details of design and placement.

#### 4.2 - Maintenance

### 4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

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

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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

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

### 5 - Operations

#### 5.1 - Notification

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

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations.

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

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

#### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

#### 5.2.1.1 - Slash within sale area (9/16)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the red paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

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

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

### 5.2.30 - Landing/road top soil protection (2/15)

Top soil on landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation.

### 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.

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

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

### 5.4 - Soil Protection

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

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

### 6.2.2 - Snowmobile trail posting (10/20)

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

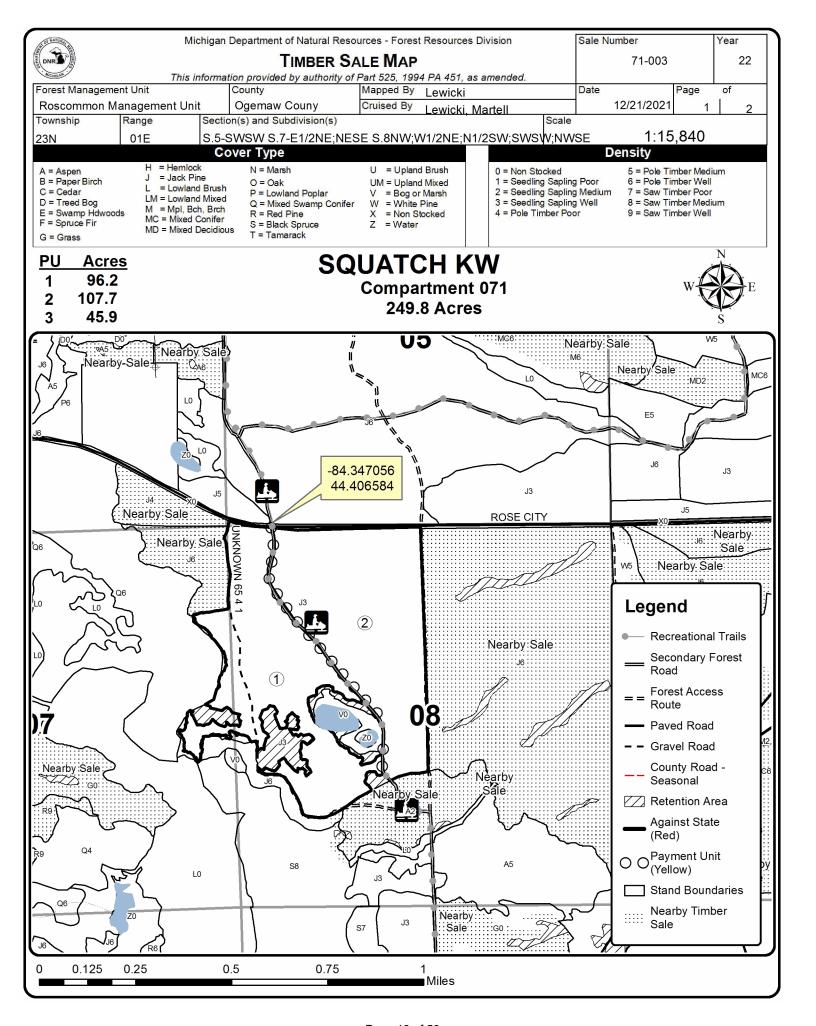
### 7 - Other Conditions

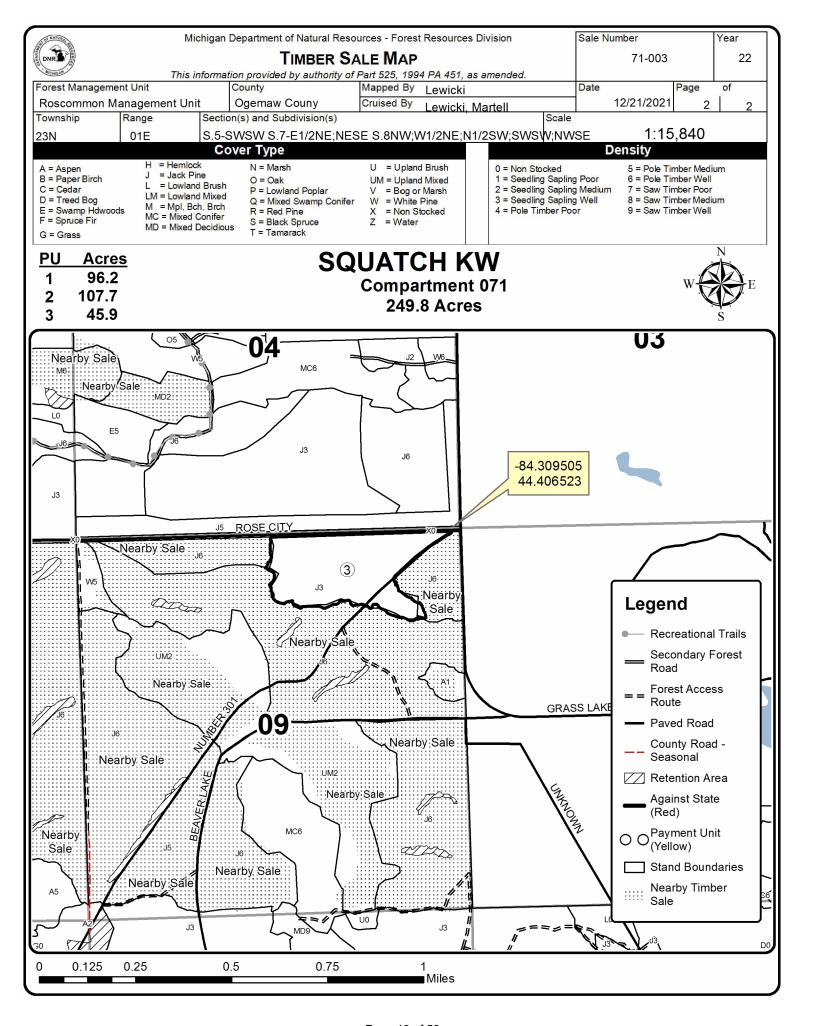
#### 7.2 - Extensions

### 7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. The purpose of this sale is to create habitat for the endangered Kirtland's Warbler. This sale is already scheduled for planting.

Section Name: Sale Specific Current as of 1/24/2022 7:49:36AM





### TIMBER SALE INFORMATION

West Robinson Mix (71-004-22)
T24N, R04W, SEC. 17; T24N, R04W, SEC. 21.
Roscommon County (Advertised Price \$87,294.85)

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

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:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
BI/R/Hybrid Oak	365.2	MBF	\$	104.00 / MBF
Black Cherry	17.9	MBF	\$	139.00 / MBF
Mixed Aspen	70.0	MBF	\$	73.00 / MBF
Red Maple	60.5	MBF	\$	65.00 / MBF
Red Pine	99.6	MBF	\$	89.00 / MBF
Pulpwood				
Mixed Aspen	308	Cords	\$	23.80 / Cord
Mixed Hardwood	693	Cords	\$	15.05 / Cord
Mixed Oak	534	Cords	\$	15.50 / Cord
Red Pine	48	Cords	\$	33.10 / Cord
White Pine	53	Cords	\$	24.40 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 6.57 percent. There are an estimated 3,041 cords on this timber sale, plus or minus 200 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 \$8,729.00 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	12.8%
02	32.3%
03	21.1%
04	17.7%
05	16.1%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 03/31/2024.

### **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		VOLUME			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM		
240,275	3,041	6.57%	2,841	3,241		

### **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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
26	35,829	454	14.47%	388	519
83	123,024	1,557	8.29%	1,428	1,686
105	37,106	470	16.44%	392	547
114	30,298	384	24.12%	291	476
TOTAL:	226,257	2,864		2,500	3,228

### **VDU TO PAYMENT UNIT**

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
26	15.7	1	15.7
83	49.4	2	29.9
		3	19.5
105	28.8	4	28.8
114	12.5	5	12.5
TOTAL:	106.4		106.4

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	BI/R/Hybrid Oak	Sawtimber	6.6	MBF	15.7	\$11,198.05
	Black Cherry		5.6	MBF		
	Mixed Aspen		17.0	MBF		
	Quaking Aspen		17.0	MBF		
	Red Maple		9.2	MBF		
	Red Pine		31.2	MBF		
	Mixed Aspen	Pulpwood	19	Cords		
	Quaking Aspen		19	Cords		
	Mixed Hardwood		185	Cords		
	Black Cherry		8	Cords		
	Red Maple		177	Cords		
	Mixed Oak		100	Cords		
	BI/R/Hybrid Oak		93	Cords		
	White Oak		7	Cords		
	Red Pine		10	Cords		
2	BI/R/Hybrid Oak	Sawtimber	120.4	MBF	29.9	\$28,227.25
	Mixed Aspen		5.2	MBF		
	Quaking Aspen		5.2	MBF		
	Red Maple		31.0	MBF		
	Red Pine		41.4	MBF		
	Mixed Aspen	Pulpwood	72	Cords		
	B. T. Aspen		9	Cords		
	Quaking Aspen		63	Cords		
	Mixed Hardwood		275	Cords		
	Black Cherry		6	Cords		
	Red Maple		269	Cords		
	Mixed Oak		144	Cords		
	BI/R/Hybrid Oak		129	Cords		
	White Oak		15	Cords		
	Red Pine		23	Cords		
	White Pine		32	Cords		
3	BI/R/Hybrid Oak	Sawtimber	78.5	MBF	19.5	\$18,428.20
	Mixed Aspen		3.4	MBF		
	Quaking Aspen		3.4	MBF		
	Red Maple		20.3	MBF		
	Red Pine		27.0	MBF		
	Mixed Aspen	Pulpwood	47	Cords		
	B. T. Aspen		6	Cords		
	Quaking Aspen		41	Cords		
	Mixed Hardwood		180	Cords		
	Black Cherry		4	Cords		
	Red Maple		176	Cords		
	Mixed Oak		94	Cords		
	BI/R/Hybrid Oak		84	Cords		
	White Oak		10	Cords		
	Red Pine		15	Cords		
	White Pine		21	Cords		
4	BI/R/Hybrid Oak	Sawtimber	68.5	MBF	28.8	\$15,414.25
	Black Cherry		12.3	MBF		
	Mixed Aspen		31.5	MBF		
	Quaking Aspen		31.5	MBF		
	Mixed Aspen	Pulpwood	63	Cords		
	Quaking Aspen		63	Cords		
	Mixed Hardwood		53	Cords		
	Black Cherry		34	Cords		
	Red Maple		19	Cords		

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

				i		
PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Mixed Oak	Pulpwood	128	Cords		
	BI/R/Hybrid Oak		128	Cords		
5	Bl/R/Hybrid Oak	Sawtimber	91.2	MBF	12.5	\$14,027.10
	Mixed Aspen		12.9	MBF		
	B. T. Aspen		7.5	MBF		
	Quaking Aspen		5.4	MBF		
	Mixed Aspen	Pulpwood	107	Cords		
	B. T. Aspen		87	Cords		
	Quaking Aspen		20	Cords		
	Mixed Oak		68	Cords		
	BI/R/Hybrid Oak		68	Cords		
		TOTAL:	613.2	MBF		
		TOTAL:	1,636	Cords		

### Sale Specific Conditions & Requirements

Sale Name: West Robinson Mix Sale Number: 71-004-22 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. 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) 1-3 and 5, cut all trees that are two (2) inches or more at DBH, except do not cut any white oak with a DBH of 10" or greater.

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

Within Payment Unit(s) 4, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any white oak with a DBH of 10" or greater.

#### 2.2 - Utilization

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

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH.

# 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. Only one split per Payment Unit.

### 3.4 - Damaged Timber

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

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Within Payment Unit 4, if more than 25% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

### 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 upon completion of the sale. 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. Contact the sale administrator for specific details of design and placement.

#### 4.2 - Maintenance

#### 4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

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

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded to the condition the road was in prior to hauling. This includes cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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

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

### 5 - Operations

#### 5.1 - Notification

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

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations.

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

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

#### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

#### 5.2.1.1 - Slash within sale area (9/16)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the red paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

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

No slash or tree tops may exceed 24 inches in height. Slash/tree tops are to be uniformly scattered over the entire Sale Area and not left in "windrows" from bunching/processing 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

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

Within Payment Unit(s) 1-5, 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.

### 5.2.4 - 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 trees, nine (9) inches or larger in diameter on the ground for every two acres within Payment Unit(s) 1-3 and 5. They should be scattered throughout the sale or positioned per the sale administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

#### 5.2.4.3 - Dead and down creation, dead trees (6/07)

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

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

To encourage grouse and other wildlife, in Payment Unit(s) 1-3 and 5, leave at least one (1) large tops per every 2 acres. These will be evenly scattered throughout the Payment Unit.

### 5.2.30 - Landing/road top soil protection (2/15)

Top soil on new landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation.

### 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.

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

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

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

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

#### 6 - Safety and Fire Prevention

#### 6.2 - Signing

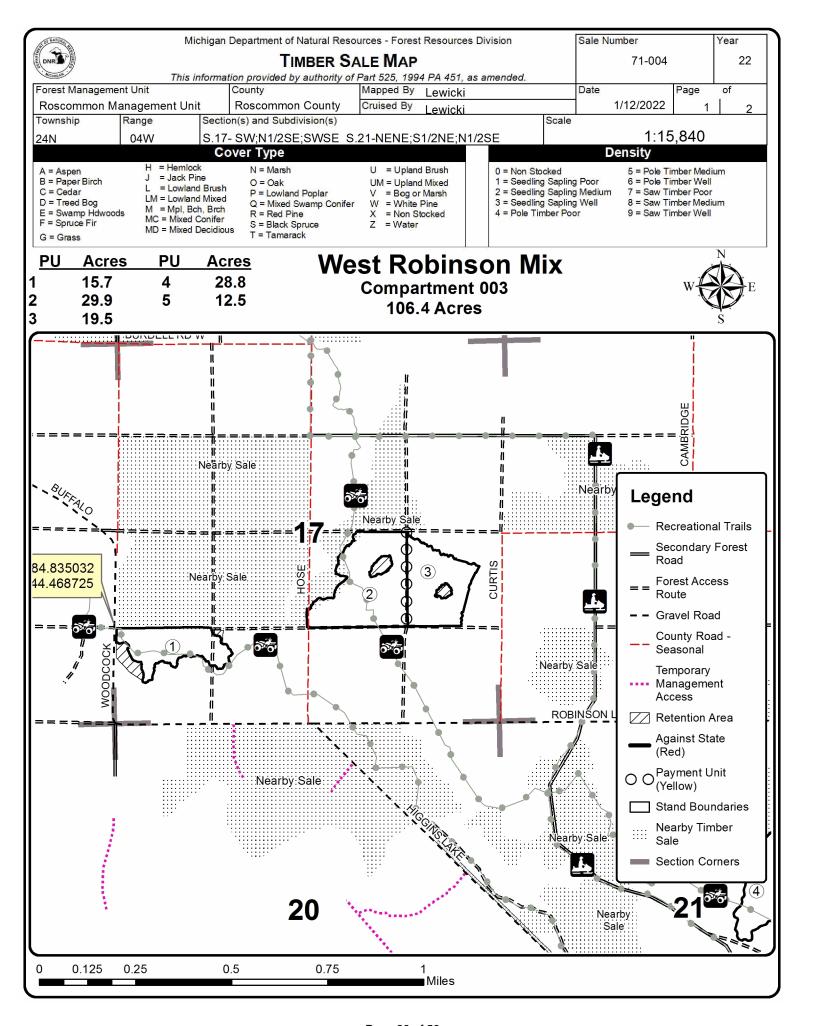
### 6.2.2 - Snowmobile trail posting (10/20)

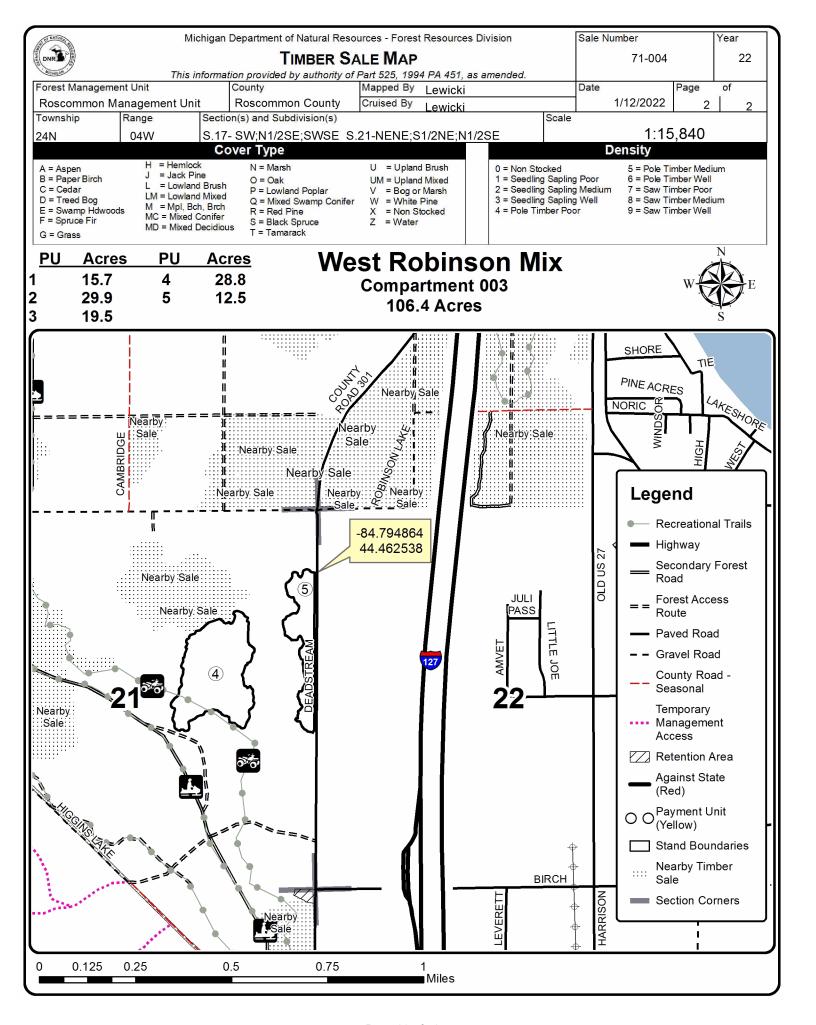
The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic.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

#### 6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ORV 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.

Section Name: Sale Specific Current as of 1/20/2022 1:34:53PM





### TIMBER SALE INFORMATION

Loxley's Forgotten Mix (71-005-22)
T21N, R04W, SEC. 15; T21N, R04W, SEC. 22; T21N, R04W, SEC. 23.
Roscommon County (Advertised Price \$7,641.40)

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

A 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:

PRODUCTS & SPECIES	<b>ESTIMATE</b>	ED UNITS*	<u>AD</u> V	<u>/ERTISED PRICE</u>
Sawtimber				
Bl/R/Hybrid Oak	5.6	MBF	\$	104.00 / MBF
Jack Pine	25.8	MBF	\$	19.00 / MBF
Red Pine	9.7	MBF	\$	89.00 / MBF
White Pine	6.3	MBF	\$	49.00 / MBF
Pulpwood				
Bl/R/Hybrid Oak	45	Cords	\$	15.50 / Cord
Jack Pine	63	Cords	\$	9.75 / Cord
Mixed Hardwood	55	Cords	\$	15.05 / Cord
Quaking Aspen	87	Cords	\$	23.80 / Cord
Red Pine	13	Cords	\$	33.10 / Cord
White Pine	31	Cords	\$	24.40 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 9.78 percent. There are an estimated 425 cords on this timber sale, plus or minus 42 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 \$764.00 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 remainder is due before cutting begins.
  - (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

III NUMBER

100.00

01

100.0%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 03/31/2024.

### **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 RA	ANGE IN CORDS
TOTAL CUBIC FEET TOTAL CORDS		PERCENT ERROR MINIMUM MAX		MAXIMUM
33,577	425	9.78%	383	467

### **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
179	30,813	390	9.79%	352	428
TOTAL:	30,813	390		352	428

### **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
179	18.2	1	18.2
TOTAL:	18.2		18.2

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Bl/R/Hybrid Oak	Sawtimber	5.6	MBF	18.2	\$7,641.40
	Jack Pine		25.8	MBF		
	Red Pine		9.7	MBF		
	White Pine		6.3	MBF		
	BI/R/Hybrid Oak	Pulpwood	45	Cords		
	Jack Pine		63	Cords		
	Mixed Hardwood		55	Cords		
	Red Maple	Sawtimber	2.7	MBF		
	Black Cherry	Pulpwood	10	Cords		
	Red Maple		40	Cords		
	Quaking Aspen		87	Cords		
	Quaking Aspen	Sawtimber	0.5	MBF		
	Quaking Aspen	Pulpwood	86	Cords		
	Red Pine		13	Cords		
	White Pine		31	Cords		
		TOTAL:	47.4	MBF		
		TOTAL:	294	Cords		

### Sale Specific Conditions & Requirements

Sale Name: Loxley's Forgotten Mix Sale Number: 71-005-22 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 paint. The painted boundary line trees are not Included Timber and are to be protected.

#### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with green paint above and below stump height.

#### 2.2 - Utilization

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

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH.

#### 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. Only one split per Payment Unit is allowed.

# 3.4 - Damaged Timber

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

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

### 4 - Transportation

#### 4.1 - Construction

### 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. 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. Contact the sale administrator for specific details of design and placement.

### 4.2 - Maintenance

### 4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

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

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

### 5 - Operations

#### 5.1 - Notification

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

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations.

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

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

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

No slash or tree tops may exceed 24 inches in height. Slash and/or tree tops must be scattered uniformly across the Sale Area and are not to be left in "windrows" from bunching and/or processing 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.

#### 5.2.4 - Dead and Down Creation

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

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees, nine (9) inches or larger in diameter on the ground for every two acres. They should be scattered throughout the sale or positioned per the sale administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

# 5.2.4.3 - Dead and down creation, dead trees (6/07)

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

### 5.2.30 - Landing/road top soil protection (2/15)

Top soil on new landings and new roads must be removed, stockpiled and saved. Upon completion of the timber sale, soil must be evenly distributed back over the area for revegetation.

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

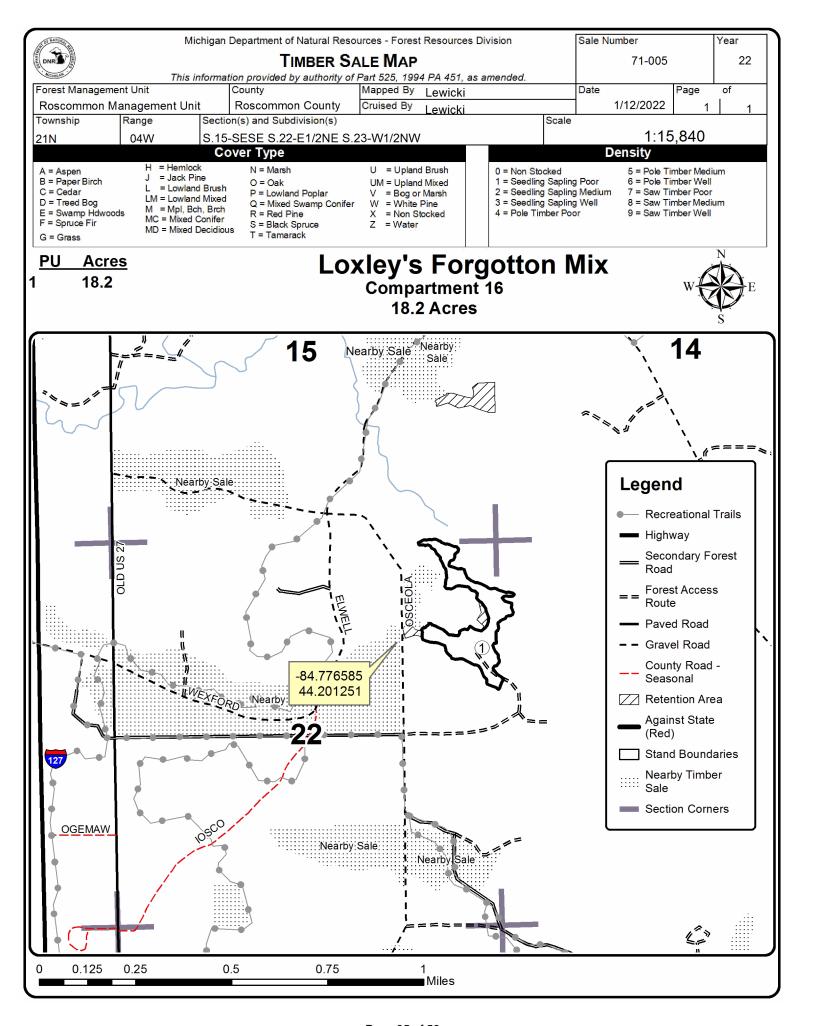
All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips, and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed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

#### 5.4 - 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.

Section Name: Sale Specific Current as of 1/20/2022 10:45:21AM



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#### TIMBER SALE INFORMATION

#### Backus Dike Overflow (71-008-22)

T22N, R02W, SEC. 4; T22N, R02W, SEC. 5; T23N, R02W, SEC. 32; T23N, R02W, SEC. 33. Roscommon County (Advertised Price \$114,354.75)

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

Access to the sale will be over a dike water control structure overseen by the Wildlife Division. It will require composite mat placement prior to any operations beginning, keeping an access gate closed at all times, and special attention to any rutting to the new dike system. This is why hauling is restricted to December 15 to March 15 on the dike structure to utilize frozen ground conditions to help alleviate any potential rutting to the structures surface. Any repairs to the dike will be the responsibility of the purchaser and must meet Wildlife Divisions requirements.

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:

PRODUCTS & SPECIES	<b>ESTIMATE</b>	ED UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
BI/R/Hybrid Oak	21.9	MBF	\$	104.00 / MBF
Mixed Aspen	169.6	MBF	\$	73.00 / MBF
Paper Birch	18.1	MBF	\$	28.00 / MBF
Red Maple	138.5	MBF	\$	65.00 / MBF
Red Pine	231.2	MBF	\$	89.00 / MBF
White Pine	218.8	MBF	\$	49.00 / MBF
Pulpwood				
Balsam Fir	304	Cords	\$	16.30 / Cord
Bl/R/Hybrid Oak	46	Cords	\$	15.50 / Cord
Black Spruce	29	Cords	\$	13.15 / Cord
Jack Pine	3	Cords	\$	9.75 / Cord
Mixed Aspen	1,193	Cords	\$	23.80 / Cord
Mixed Hardwood	644	Cords	\$	15.05 / Cord
N. White Cedar	5	Cords	\$	13.75 / Cord
Red Pine	229	Cords	\$	33.10 / Cord
White Pine	290	Cords	\$	24.40 / Cord

<sup>\*</sup> The total volume is statistically estimated within plus (+) or minus (-) 4.69 percent. There are an estimated 4,769 cords on this timber sale, plus or minus 224 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 \$5,718.00 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	3.8%
02	7.1%
03	5.8%
04	16.7%
05	11.6%
06	29.5%
07	25.5%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 03/31/2025.

#### **SALE STATISTICS**

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

#### **SALE VOLUMES**

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

VOLUME		VOLUME			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM		
376,728	4,769	4.69%	4,545	4,993		

#### **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 CC	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
26	5,997	76	22.87%	59	93
124	24,578	311	23.05%	239	383
208	170,112	2,153	7.52%	1,991	2,315
216	39,516	500	13.22%	434	566
219	10,095	128	12.65%	112	144
221	60,908	771	8.18%	708	834
222	8,335	106	9.09%	96	115
246	23,380	296	13.75%	255	337
TOTAL:	342,921	4,341		3,894	4,787

#### **VDU TO PAYMENT UNIT**

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
26	3.9	3	3.9
124	9.7	2	9.7
208	54.6	6	33.0
		7	21.6
216	25.5	3	1.8
		5	23.7
219	5.1	1	5.1
221	21.8	4	21.8
222	5.5	3	5.5
246	9.0	7	9.0
TOTAL:	135.1		135.1

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	2.7	MBF	5.1	\$4,291.00
	B. T. Aspen		2.7	MBF		
	Red Maple		2.3	MBF		
	Red Pine		15.0	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Balsam Fir		3	Cords		
	Mixed Aspen		23	Cords		
	B. T. Aspen		23	Cords		
	Mixed Hardwood		4	Cords		
	Red Maple		4	Cords		
	Red Pine		59	Cords		
2	BI/R/Hybrid Oak	Sawtimber	9.2	MBF	9.7	\$8,102.05
	Mixed Aspen		20.5	MBF		
	Quaking Aspen		20.5	MBF		
	Paper Birch		7.7	MBF		
	Red Maple		20.3	MBF		
	White Pine		12.7	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Balsam Fir		7	Cords		
	Bl/R/Hybrid Oak		10	Cords		
	Mixed Aspen		88	Cords		
	Quaking Aspen		88	Cords		
	Mixed Hardwood		49	Cords		
	Paper Birch		6	Cords		
	Red Maple		43	Cords		
	White Pine		16	Cords		
3	Mixed Aspen	Sawtimber	3.4	MBF	11.2	\$6,646.60
	B. T. Aspen		1.0	MBF		
	Quaking Aspen		2.4	MBF		
	Paper Birch		0.1	MBF		
	Red Maple		9.4	MBF		
	Red Pine		32.5	MBF		
	White Pine		0.9	MBF		
	Black Spruce	Pulpwood	1	Cords		
	Black Spruce	Sawtimber	0.1	MBF		
	Black Spruce	Pulpwood	1	Cords		
	Mixed Aspen		52	Cords		
	B. T. Aspen		15	Cords		
	Quaking Aspen		37	Cords		
	Mixed Hardwood		31	Cords		
	Paper Birch		3	Cords		
	Red Maple		28	Cords		
	Red Pine		29	Cords		
	White Pine		7	Cords		
4	BI/R/Hybrid Oak	Sawtimber	1.9	MBF	21.8	\$19,146.80
	Mixed Aspen		49.7	MBF		
	B. T. Aspen		49.7	MBF		
	Red Pine		22.4	MBF		
	White Pine	Dulaura I	2.9	MBF		
	Balsam Fir	Pulpwood	14	Cords		
	Balsam Fir		14	Cords		
	Bl/R/Hybrid Oak		14	Cords		
	Mixed Aspen		344	Cords		
	B. T. Aspen		335	Cords		
	Quaking Aspen		9	Cords		
	Mixed Hardwood		182	Cords	Ī	1

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
con't	Red Maple	Pulpwood	182	Cords		
	Red Pine		29	Cords		
	White Pine		35	Cords		
5	Mixed Aspen	Sawtimber	2.1	MBF	23.7	\$13,215.55
	B. T. Aspen		2.1	MBF		
	Paper Birch		0.8	MBF		
	Red Maple		30.2	MBF		
	Red Pine		61.7	MBF		
	White Pine		11.2	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Balsam Fir		7	Cords		
	Bl/R/Hybrid Oak		4	Cords		
	Black Spruce		18	Cords		
	Black Spruce	Sawtimber	1.1	MBF		
	Black Spruce	Pulpwood	16	Cords		
	Jack Pine		3	Cords		
	Mixed Aspen		33	Cords		
	B. T. Aspen		27	Cords		
	Quaking Aspen		6	Cords		
	Mixed Hardwood		126	Cords		
	Paper Birch		19	Cords		
	Red Maple		107	Cords		
	Red Pine		46	Cords		
	White Pine		16	Cords		
6	BI/R/Hybrid Oak	Sawtimber	5.4	MBF	33.0	\$33,735.6
	Mixed Aspen		50.4	MBF		
	B. T. Aspen		47.3	MBF		
	Quaking Aspen		3.1	MBF		
	Paper Birch		5.7	MBF		
	Red Maple		42.8	MBF		
	Red Pine		54.8	MBF		
	White Pine		111.5	MBF		
	Balsam Fir	Pulpwood	129	Cords		
	Balsam Fir	Sawtimber	1.7	MBF		
	Balsam Fir	Pulpwood	126	Cords		
	BI/R/Hybrid Oak	,	7	Cords		
	Black Spruce		6	Cords		
	Black Spruce		6	Cords		
	Mixed Aspen		318	Cords		
	B. T. Aspen		144	Cords		
	Quaking Aspen		174	Cords		
	Mixed Hardwood		136	Cords		
	Paper Birch		27	Cords		
	Red Maple		109	Cords		
	N. White Cedar		3	Cords		
	Red Pine		36	Cords		
	White Pine		126	Cords		
7	Bl/R/Hybrid Oak	Sawtimber	5.4	MBF	30.6	\$29,200.80
	Mixed Aspen		40.8	MBF		, , , , , ,
	B. T. Aspen		30.9	MBF		
	Quaking Aspen		9.9	MBF		
	Paper Birch		3.8	MBF		
	Red Maple		33.5	MBF		
	Red Pine		44.8	MBF		
	White Pine		79.6	MBF		
	Balsam Fir	Pulpwood	143	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	Balsam Fir	Sawtimber	1.1	MBF		
	Balsam Fir	Pulpwood	141	Cords		
	Bl/R/Hybrid Oak		11	Cords		
	Black Spruce		4	Cords		
	Black Spruce		4	Cords		
	Mixed Aspen		335	Cords		
	B. T. Aspen		94	Cords		
	Quaking Aspen		241	Cords		
	Mixed Hardwood		116	Cords		
	Paper Birch		18	Cords		
	Red Maple		98	Cords		
	N. White Cedar		2	Cords		
	Red Pine		30	Cords		
	White Pine		90	Cords		
		TOTAL:	798.1	MBF		
		TOTAL:	2,742	Cords		

#### Sale Specific Conditions & Requirements

Sale Name: Backus Dike Overflow Sale Number: 71-008-22 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. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

#### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 2, 4, 6, and 7, cut all trees that are two (2) inches or more at DBH. Do not cut any trees 26 inches or greater at DBH.

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

Within Payment Unit(s) 1, 3, and 5, cut all trees to a 4-inch at DBH, except for red pine, white pine, and oak. Red pine, white pine, and oak 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 the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH.

#### 2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 1, 3, and 5. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

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

Within Payment Unit(s) 1, 3, and 5, no chipping is permitted.

#### 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.

#### 3.4 - Damaged Timber

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

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Within Payment Units 1, 3, and 5, if more than 35% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

#### 4 - Transportation

#### 4.1 - Construction

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

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. No earth moving work is to be done on the dike water control structure. Any improvements made to the structure must be cleared through the timber sale administrator and any materials placed, i.e. gravel, must be of the same kind currently in place on the structure.

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

The following road work is required before any operations begin: 3 attached composite mats (set) must be placed on the haul road constructed on top of the wetland dike control structure immediately east of the locked access gate, in 3 separate locations, for 9 mats total. A mat set must be placed over the old spillway, new water control structure/culvert, and old culvert. The timber sale administrator will meet onsite prior to the mats arrival to identify locations. The timber sale administrator or their representative must also be present when the mats are placed on the dike structure.

#### 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

#### 4.2.1 - Hauling restriction (12/08)

Hauling will be restricted to between December 15 and March 15 on the haul route over the dike control structure. The restriction is to protect the newly constructed dike system and its water control structure by hauling during frozen ground conditions. No rutting is permitted on the dike structure, identified by the timber sale administrator. Hauling must cease immediately if rutting occurs. No movement of dirt, "blading", is allowed on the structure for any reason. Any repairs for rutting will require them to be filled in with the exact materials (crushed limestone) currently used on the dike structure. Repairs will meet the satisfaction of the timber sale administrator.

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

The following road maintenance may be needed: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the haul road must be maintained and graded to the condition it was prior to harvest operations beginning. Portions of the haul road on the dike control structure must not have any grading or other earth moving done on them, but rather any ruts created by hauling must be filled in with the exact same material as what the road base is constructed from. No materials can be graded/bladed in from the sides to fix ruts. Damages will be assessed if repair does not occur, or repair attempts were not authorized by the timber sale administrator.

#### 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

#### 4.4.3 - Access gate (12/08)

The access gate must be locked at the end of every workday and must be closed at all times. This is to prevent someone other than the Purchaser getting locked behind the gate.

#### 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 in advance to schedule the conference.

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

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

#### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

No slash or tree tops may exceed 24 inches in height. Any remaining slash/tops mush be scattered uniformly over the entire Sale Area and not left in "windrows" from harvesting operations.

#### 5.2.3 - Operating Restrictions

#### 5.2.3.5 - Oak wilt restriction (1/18)

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

#### 5.2.3.6 - Bark beetle restriction (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.

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

Timber harvesting in any Payment Unit must be completed before significant sprouting occurs in that Payment Unit 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. Should damages occur to the new regeneration, the damages will be assessed per Specification 3.4.1 - Damaged Timber. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location, preferably the landing. A third-party entity may be brought in to chip the tops/slash, before new sprouting occurs, should the contract holder fail to present in a timely manner arrangements approved by the Department for protecting the new regeneration. The Unit Manager or his/her representative may also cease such operations if sprouting occurs before the operation is complete and the Payment Unit(s) will be counted as incomplete with liquidated damages assessed accordingly.

#### 5.2.4 - Dead and Down Creation

#### 5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over balsam fir or black spruce trees along the lowland edges of Payment Units 2, 6, and 7. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over. The Purchaser also has the option to leave brush piles along the lowland edge. These piles should have large wood pieces or a large stump at the bottom of the pile to create air pockets/cavities within the brush pile. At least two pushed over trees or brush piles should be left in Payment Unit 2, five in Payment Unit 6, and five in Payment Unit 7.

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

The haul road constructed on top of the dike control structure requires extra protection such as that afforded by interlocking composite mats or another approved system. Approximately 25 feet of the road will need extra protection at three separate locations as identified in the field by the Timber Sale Administrator. 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. Composite mats are only available from the Roscommon 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 \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the composite mats is defined as cracked or broken mats.

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

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

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

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

#### 5.2.43 - Opening protection (2/21)

No activities are permitted in openings marked on the Timber Sale Map with the letter "G". Any damage to the openings shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 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 haul roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. No rutting or compression of the road base over 6 inches is permitted on the dike control structure. Hauling will cease immediately if the dike's surface base is compressed more than six inches beyond the surrounding roadbed within the vehicle's route of travel or tire path. 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.

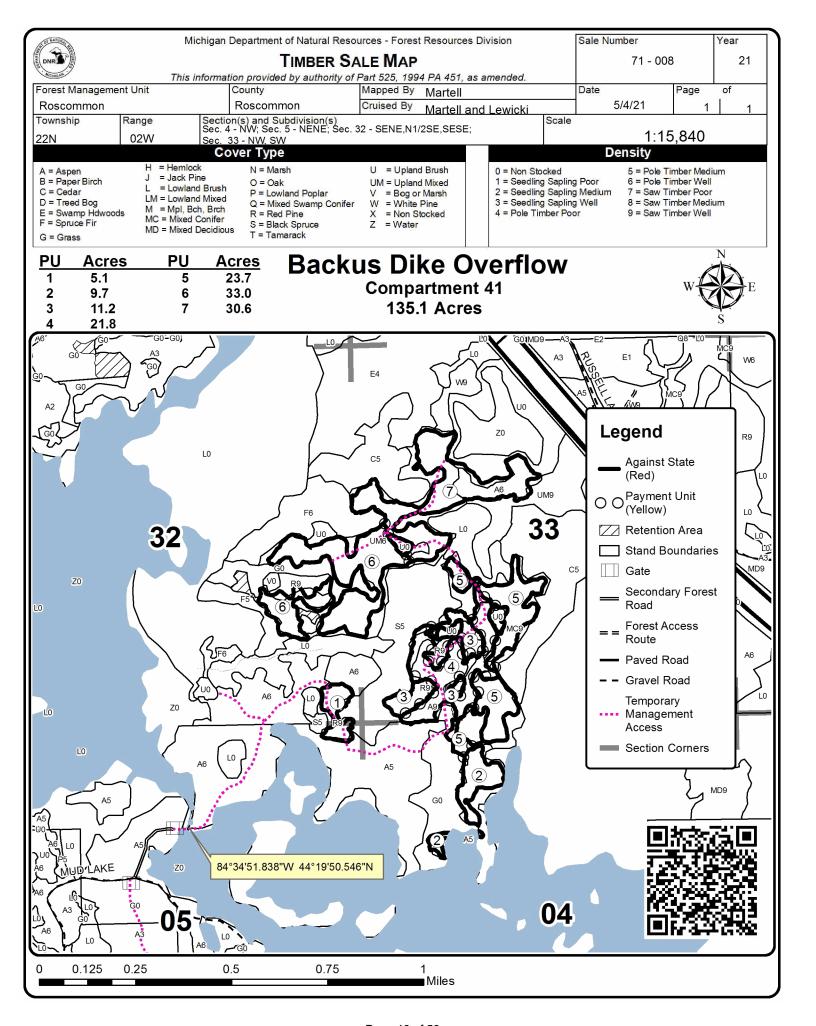
#### 7 - Other Conditions

#### 7.2 - Extensions

#### 7.2.4 - Limited extensions (4/17)

Given justification, only one, 1 year extension may be granted if the contract has been paid in full.

Section Name: Sale Specific Current as of 1/21/2022 11:10:51AM



ROSCOMMON MANAGEMENT UNIT ROSCOMMON OFFICE

#### Backus Dike Overflow (71-008-22)

T22N, R02W, SEC. 4; T22N, R02W, SEC. 5; T23N, R02W, SEC. 32; T23N, R02W,

In response to the notice of sale to be held 9:00 a.m. (local time) on March 16, 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.

PRODUCTS & SPECIES Sawtimber	ESTIMATED	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Bl/R/Hybrid Oak	21.9	MBF	\$	104.00/MBF	\$
Mixed Aspen	169.6	MBF	\$	73.00/MBF	\$
Paper Birch	18.1	MBF	\$	28.00/MBF	\$
Red Maple	138.5	MBF	\$	65.00/MBF	\$
Red Pine	231.2	MBF	\$	89.00/MBF	\$
White Pine	218.8	MBF	\$	49.00/MBF	\$
Pulpwood					
Balsam Fir	304	Cords	\$	16.30/Cord	\$
BI/R/Hybrid Oak	46	Cords	\$	15.50/Cord	\$
Black Spruce	29	Cords	\$	13.15/Cord	\$
Jack Pine	3	Cords	\$	9.75/Cord	\$
Mixed Aspen	1,193	Cords	\$	23.80/Cord	\$
Mixed Hardwood	644	Cords	\$	15.05/Cord	\$
N. White Cedar	5	Cords	\$	13.75/Cord	\$
Red Pine	229	Cords	\$	33.10/Cord	\$
White Pine	290	Cords	\$	24.40/Cord	\$
1					

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 4.69 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 SECU	JRITY NUMBER: $\_$ $\_$ - $\_$			
	Company or individual bidding:					
	Company representative's name:					
	Address:					
	City:	State:	Zip:			
- AVAILA	ABLE, PLEASE PLACE THE PERSON	IALIZED LABEL FROM	YOUR PROSPECTUS IN T	HE ABOVE BOX.		
ndividual	dividual or company representative's signature: Date:					
hone nu	ımber :	optional):				



# TIMBER SALE **VERIFICATION OF WORKER'S DISABILITY** COMPENSATION ACT COMPLIANCE

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

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.

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. □ Loertify 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. □ Loertify my business has satisfied its o bligation 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, of than yourself, including family members and active partners (if none, you must enter "0").	•	twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.					
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. Certify my business has satisfied its o bligation 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. 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.  If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, of than yourself, including family members and active partners (if none, you must enter "0").  Full-time Employees  Part-time Employees  Part-time Employees  Part-time Employees  Part-time Employees  Telephone (	•	All Information must be typed or printed except for written signatures.					
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. Certify my business has satisfied its o bligation 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. 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.  If you have checked item 2(A) or 2(B), you must indicate the number of both full-time and part-time employees, of than yourself, including family members and active partners (if none, you must enter "0").  Full-time Employees  Part-time Employees  Part-time Employees  Part-time Employees  Part-time Employees  Telephone (	Ple	ease Check Appropriate Categories:					
B.	1. My business is organized as (you <b>must</b> check <u>one</u> of the boxes below):						
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 o bligation 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, oth than yourself, including family members and active partners (if none, you must enter "0").  Full-time Employees Part-time Employees  Federal ID (or) Social Security No.  Telephone (( ) )  State ZIP  hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur factors affecting my coverage during any of my present and future operations.  Signature of Owner or Authorized Representative		A.  Sole Proprietorship (individual)					
2. You must check one of the boxes below:  A. ☐ 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 o bligation 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, off than yourself, including family members and active partners (if none, you must enter "0").		B.   Partnership					
A.		C. Corporation					
Worker's Compensation Laws.  B. ☐ I certify my business has satisfied its o bligation 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 <b>must</b> indicate the number of <b>both</b> full-time and part-time employees, oth than yourself, including family members and active partners (if none, you must enter "0").	2.	You <b>must</b> check <u>one</u> of the boxes below:					
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 <b>must</b> indicate the number of <b>both</b> full-time and part-time employees, oth than yourself, including family members and active partners (if none, you must enter "0").			s no employees but the sole proprietor. I am not subject to the				
one (21) days of the contract award.  3. If you have checked item 2(A) or 2(B), you <b>must</b> indicate the number of <b>both</b> full-time and part-time employees, oth than yourself, including family members and active partners (if none, you must enter "0").	B.  I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved No Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award.						
than yourself, including family members and active partners (if none, you must enter "0").		C.   I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-					
Address  Telephone ( )  City  State  ZIP  Thereby 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	0.	than yourself, including family members and active pa	artners (if none, you must enter "0").				
State  State  ZIP  hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur factors affecting my coverage during any of my present and future operations.  Signature of Owner or Authorized Representative	lam	ne of Business	Federal ID (or) Social Security No.				
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	Addr	ress	Telephone (				
n factors affecting my coverage during any of my present and future operations.  Signature of Owner or Authorized Representative	City	State	ZIP				
Title Date	n fa	actors affecting my coverage during any of my present a					
	T	Title	Date				

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

TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### BID FORM

# ROSCOMMON MANAGEMENT UNIT ROSCOMMON OFFICE

# Red Pine Fertilization (71-001-22) T21N, R04W, SEC. 10; Roscommon COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on March 16, 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.

PRODUCTS & SPECIES	ESTIMATED VOLUME*	<u>A</u> I	OVERTISED PRICE	BID PRICE/UNIT
Sawtimber			101.00	
Bl/R/Hybrid Oak	5.0 MBF	\$	104.00/MBF	\$
Red Pine	96.9 MBF	\$	89.00/MBF	\$
White Pine	60.3 MBF	\$	49.00/MBF	\$
Pulpwood				
B. T. Aspen	30 Cords	\$	23.80/Cord	\$
Bl/R/Hybrid Oak	17 Cords	\$	15.50/Cord	\$
Red Maple	5 Cords	\$	15.05/Cord	\$
Red Pine	35 Cords	\$	33.10/Cord	\$
White Pine	129 Cords	\$	24.40/Cord	\$

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:	
F AVAILA	ABLE, PLEASE PLACE THE PERSOI	NALIZED LABEL FROM	// YOUR PROSPECTUS IN T	HE ABOVE BOX.
ndividual	dual or company representative's signature: Date:			
Phone nu	number : Email (optional):			

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 11.38 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.



B. ☐ PartnershipC. ☐ Corporation

#### Michigan Department of Natural Resources Forest Resources Division

# TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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: My business is organized as (you must check one of the boxes below): A. □ Sole Proprietorship (individual)

You must check one of the boxes below:
 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 o bligation 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. \(\subseteq\) 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").

	. ,	
Name of Business		Federal ID (or) Social Security No.
Address		Telephone ( )
Dity	State	ZIP
hereby certify that the above information is	true and correct. I	agree to notify the Michigan DNR of any changes that occur

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

Full-time Employees

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

PR 4031-5 (Rev. 10/30/2012)

Part-time Employees

# ROSCOMMON MANAGEMENT UNIT ROSCOMMON OFFICE

#### Squatch KW (71-003-22)

T23N, R01E, SEC. 5; T23N, R01E, SEC. 7; T23N, R01E, SEC. 8; T23N, R01E,

In response to the notice of sale to be held 9:00 a.m. (local time) on March 16, 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.

PRODUCTS & SPECIES	ESTIMATED VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Pulpwood				
BI/R/Hybrid Oak	62 Cords	\$	15.50/Cord	\$
Jack Pine	591 Cords	\$	9.75/Cord	\$
Red Pine	51 Cords	\$	33.10/Cord	\$
White Pine	25 Cords	\$	24.40/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 14.84 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:	_ <del>-</del>	or SOC	CIAL SECURITY NUMBER	R:
	Company or individual bidding:				
	Company representative's name:				
	Address:				
	City:		State:	Zip:	
IF AVAILA	ABLE, PLEASE PL	ACE THE PERS	ONALIZED LAB	EL FROM YOUR PROSPE	ECTUS IN THE ABOVE BOX.
Individual	ndividual or company representative's signature: Date:				
Phone nu					



# TIMBER SALE **VERIFICATION OF WORKER'S DISABILITY** COMPENSATION ACT COMPLIANCE

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

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.

•	<ul> <li>In addition, it boxes 2B or 2C are checked, then Notice of E twenty-one (21) days of the contract award and prior to the is</li> </ul>	exclusion or Certificate of Insurance must be submitted within suance of the timber sale contract.	
•	All Information must be typed or printed except for written significant.	gnatures.	
Ple	Please Check Appropriate Categories:		
1.	<ol> <li>My business is organized as (you must check one of the book.</li> <li>Sole Proprietorship (individual)</li> <li>Partnership</li> <li>Corporation</li> </ol>	oxes below):	
<ul> <li>You must check one of the boxes below:</li> <li>A.   I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the</li> </ul>			
	Worker's Compensation Laws.  B.  I certify my business has satisfied its o bligation to the Work	ker's Compensation Act through the use of an approved Notice of the Notice of Exclusion within 21 days of the contract award. (For	
	C.   I certify my business has a Worker's Compensation Policy. one (21) days of the contract award.	I will provide an original Certificate of Insurance within twenty-	
3. If you have checked item 2(A) or 2(B), you <b>must</b> indicate the number of <b>both</b> full-time and part-time employees, oth than yourself, including family members and active partners (if none, you must enter "0").			
	Full-time Employees	Part-time Employees	
Van	Name of Business	Federal ID (or) Social Security No.	
Add	Address	Telephone ( )	
City	City State	ZIP	
	hereby certify that the above information is true and correct. In factors affecting my coverage during any of my present and for		
-	Signature of Owner or Authorized Representative		
_=	Title	Date	

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

PR 4031-5 (Rev. 10/30/2012)

ROSCOMMON MANAGEMENT UNIT ROSCOMMON OFFICE

#### West Robinson Mix (71-004-22)

T24N, R04W, SEC. 17; T24N, R04W, SEC. 21; Roscommon COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on March 16, 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.

PRODUCTS & SPECIES	ESTIMATED VOLUME*	<u>A</u> E	OVERTISED PRICE	<b>BID PRICE/UNIT</b>
Sawtimber				
Bl/R/Hybrid Oak	365.2 MBF	\$	104.00/MBF	\$
Black Cherry	17.9 MBF	\$	139.00/MBF	\$
Mixed Aspen	70.0 MBF	\$	73.00/MBF	\$
Red Maple	60.5 MBF	\$	65.00/MBF	\$
Red Pine	99.6 MBF	\$	89.00/MBF	\$
Pulpwood				
Mixed Aspen	308 Cords	\$	23.80/Cord	\$
Mixed Hardwood	693 Cords	\$	15.05/Cord	\$
Mixed Oak	534 Cords	\$	15.50/Cord	\$
Red Pine	48 Cords	\$	33.10/Cord	\$
White Pine	53 Cords	\$	24.40/Cord	\$

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 6.57 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 SEC	URITY 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 nu	Phone number : Email (optional):				



# **TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE**

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

As required by Act 217 P. A. 1060 (Marker's Compensation) and

Signature of Owner or Authorized Representative

Title

	Part 5 of Act 451 of 1994, as amended.					
VE	VERIFICATION OF WORKER'S DISABILITY COMPENSATION	N ACT COMPLIANCE				
•	<ul> <li>This verification must be completed and submitted within 21 of sale contract.</li> </ul>	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.					
Ple	Please Check Appropriate Categories:					
1.	<ol> <li>My business is organized as (you must check one of the box</li> <li>A. Sole Proprietorship (individual)</li> <li>B. Partnership</li> <li>C. Corporation</li> </ol>	B. ☐ Partnership				
2.	<ul> <li>You must check one of the boxes below:</li> <li>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.</li> <li>B.  I certify my business has satisfied its o bligation 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).</li> <li>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.</li> </ul>					
3.	If you have checked item 2(A) or 2(B), you <b>must</b> indicate t than yourself, including family members and active partners Full-time Employees					
Nam	Name of Business Fo	ederal ID (or) Social Security No.				
Addı	Address	elephone )				
City	City State Z	IP				
	hereby certify that the above information is true and correct. I a in factors affecting my coverage during any of my present and fut					

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

Date

PR 4031-5 (Rev. 10/30/2012)

ROSCOMMON MANAGEMENT UNIT ROSCOMMON OFFICE

#### Loxley's Forgotten Mix (71-005-22)

T21N, R04W, SEC. 15; T21N, R04W, SEC. 22; T21N, R04W, SEC. 23;

In response to the notice of sale to be held 9:00 a.m. (local time) on March 16, 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.

PRODUCTS & SPECIES	ESTIMATED VOLUME*	<u>A</u> [	OVERTISED PRICE	<b>BID PRICE/UNIT</b>
Sawtimber				
Bl/R/Hybrid Oak	5.6 MBF	\$	104.00/MBF	\$
Jack Pine	25.8 MBF	\$	19.00/MBF	\$
Red Pine	9.7 MBF	\$	89.00/MBF	\$
White Pine	6.3 MBF	\$	49.00/MBF	\$
Pulpwood				
Bl/R/Hybrid Oak	45 Cords	\$	15.50/Cord	\$
Jack Pine	63 Cords	\$	9.75/Cord	\$
Mixed Hardwood	55 Cords	\$	15.05/Cord	\$
Quaking Aspen	87 Cords	\$	23.80/Cord	\$
Red Pine	13 Cords	\$	33.10/Cord	\$
White Pine	31 Cords	\$	24.40/Cord	\$

<sup>\*</sup>The volumes are statistically estimated within plus (+) or minus (-) 9.78 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 SEC	URITY NUMBER:			
	Company or individual bidding:					
	Company representative's name:					
	Address:	dress:				
	City:	State:	Zip:			
IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.						
ndividual or company representative's signature :				Date:	_	
Phone number : Email (optional):						



## TIMBER SALE **VERIFICATION OF WORKER'S DISABILITY** COMPENSATION ACT COMPLIANCE

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

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.					
Ple	lease Check Appropriate Categories:					
1.	My business is organized as (you <b>must</b> check <u>one</u> of A. ☐ Sole Proprietorship (individual)  B. ☐ Partnership  C. ☐ Corporation	the boxes below):				
2. You <b>must</b> check <u>one</u> 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 o bligation to the	e Worker's Compensation Act through the use of an approved Notice of by of the Notice of Exclusion within 21 days of the contract award. (For Worker's Compensation Bureau at 517 -322-1195).				
	C.   I certify my business has a Worker's Compensation F one (21) days of the contract award.	Policy. I will provide an original Certificate of Insurance within twenty-				
3.	<ol> <li>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").</li> </ol>					
	Full-time Employees	Part-time Employees				
Nam	me of Business	Federal ID (or) Social Security No.				
Add	dress	Telephone ( )				
City	y State	ZIP				
in fa _	factors affecting my coverage during any of my present	ect. I agree to notify the Michigan DNR of any changes that occur and future operations.				
S	Signature of Owner or Authorized Representative					
Ī	Title	Date				

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