

## DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

### TIMBER SALE PROSPECTUS #6944

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on November 9, 2021. LOCATION: SE REGION-WILD, 3580 STATE PARK DRIVE, BAY CITY, MI 48706.

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 Game Area Manager, LAPEER SGA, for certain timber on the following described lands:

Roods Lake Mix (28-003-21) / T08N, R10E, SEC. 10, N1/2NW,NE. Lapeer County, Advertised Price \$21,795.20, 62.3 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 may be through other public land.

<u>7 Block Mix</u> (55-132-21) / T13N, R10E, SEC. 11, S1/2SE. T13N, R10E, SEC. 14, NW,N1/2NE,W1/2SW,E1/2SE. T13N, R10E, SEC. 23, NWNW. Tuscola County, Advertised Price \$33,456.50, 81.6 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.

Access may be through other public land.

<u>Minden 4 block Aspen</u> (55-133-21) / T13N, R14E, SEC. 4 , SWSW. T13N, R14E, SEC. 5 , SESE. T13N, R14E, SEC. 8 , E1/2NE. T13N, R14E, SEC. 9 , NWNW,W1/2SE. Sanilac County, Advertised Price \$25,688.35, 55.6 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 may be through other public land.

<u>Ryan Ridges Mix</u> (55-134-21) / T12N, R09E, SEC. 14, E1/2SW,W1/2SE. T12N, R09E, SEC. 23, SENW,S1/2NE,SW,SE. T12N, R09E, SEC. 24, NWSW,S1/2SW. T12N, R09E, SEC. 26, NENW,N1/2NE. Tuscola County, Advertised Price \$53,576.70, 124.4 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 may be through other public land.

Beaver Dam Aspen (55-135-21) / T13N, R13E, SEC. 1 , E1/2NE,NESE. T13N, R14E, SEC. 6 , W1/2NW. T14N, R13E, SEC. 36, SESE. T14N, R14E, SEC. 31, SWNW,W1/2SW. Sanilac County, Advertised Price \$36,576.80, 56.4 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 may be through other public land.

<u>Verona Maple Mix</u> (55-136-21) / T15N, R14E, SEC. 4 , NW,W1/2NE. T15N, R14E, SEC. 5 , NENE. T16N, R14E, SEC. 28, NESW,W1/2SE. Huron County, Advertised Price \$33,330.55, 121.9 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.

Access may be through other public land.

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

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

Bids must be received by the Unit Manager, BAY CITY OFFICE, 3580 State Park Drive, Bay City, MI 48706, no later than 10:00 a.m. (local time) on November 9, 2021. For further information concerning this sale, contact Don Bonnette at 989-385-5616.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.

b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.

d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

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

DAN EICHINGER Director

## TIMBER SALE INFORMATION

#### Roods Lake Mix (28-003-21) T08N, R10E, SEC. 10. Lapeer County (Advertised Price \$21,795.20)

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 may be through other public land.

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

<u>ESTIMATE</u>	<u>ED UNITS*</u>	ADVE	ADVERTISED PRICE	
276.8	MBF	\$	28.00 / MBF	
61.6	MBF	\$	37.00 / MBF	
436	Cords	\$	11.55 / Cord	
377	Cords	\$	8.80 / Cord	
188	Cords	\$	18.15 / Cord	
	276.8 61.6 436 377	61.6 MBF 436 Cords 377 Cords	276.8 MBF \$ 61.6 MBF \$ 436 Cords \$ 377 Cords \$	

\* The total volume is statistically estimated within plus (+) or minus (-) 8.84 percent. There are an estimated 1,632 cords on this timber sale, plus or minus 144 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,090.00 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:

RCENT OF TOTAL SALE VALUE
47.0%
16.7%
36.3%

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

5. Operations on the contract issued will terminate on 12/31/2023.

#### SALE STATISTICS

PAYMENT UNIT

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.

VOL	UME			ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM	
128,929	1,632	8.84%	1,488	1,776

#### **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
3	69,879	885	12.66%	773	997
25	19,771	250	21.82%	196	305
27	19,333	245	23.50%	187	302
78	23,504	298	19.16%	241	355
TOTAL:	TOTAL: 132,486 1,677			1,396	1,958

#### VDU TO PAYMENT UNIT

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

VDU	VDU ACRES	PU	PU ACRES
3	21.8	1	21.8
25	10.3	3	10.3
27	11.4	3	11.4
78	18.8	2	18.8
TOTAL:	62.3		62.3

# DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	148.7	MBF	21.8	\$10,253.75
	B. T. Aspen		144.5	MBF		
	Cottonwood		4.2	MBF		
	Mixed Aspen	Pulpwood	333	Cords		
	B. T. Aspen		316	Cords		
	Cottonwood		17	Cords		
	Mixed Hardwood		255	Cords		
	Black Cherry		27	Cords		
	Paper Birch		5	Cords		
	Red Maple		131	Cords		
	Sassafras		92	Cords		
2	Mixed Aspen	Sawtimber	86.3	MBF	18.8	\$3,640.15
	B. T. Aspen		86.3	MBF		
	Mixed Aspen	Pulpwood	45	Cords		
	B. T. Aspen		45	Cords		
	Mixed Hardwood		80	Cords		
	Black Cherry		7	Cords		
	Ironwood		4	Cords		
	Sassafras		69	Cords		
3	Mixed Aspen	Sawtimber	41.8	MBF	21.7	\$7,901.30
	B. T. Aspen		41.8	MBF		
	Red Pine		61.6	MBF		
	Mixed Aspen	Pulpwood	58	Cords		
	B. T. Aspen		58	Cords		
	Mixed Hardwood		42	Cords		
	Black Cherry		26	Cords		
	Red Maple		16	Cords		
	Red Pine		188	Cords		
		TOTAL:	338.4	MBF		
		TOTAL:	1,001	Cords		

#### Sale Specific Conditions & Requirements

#### Sale Name: Roods Lake Mix

Sale Number: 28-003-21 Seq#: 1

#### 1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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 red pine and oak marked with orange paint and other trees that are two (2) inches or more at DBH, except white pine, hickory, beech, apple, walnut, and trees marked with green paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.2 - Utilization

2.2.3 - Stump heights (4/07)Stump heights within the Sale Area shall not exceed 6 inches for all trees.

2.2.4 - Skidding length (2/14)Skidding of unlimbed tops is not permissible.

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 1-3, chipping of the bole, 2-inches in diameter or greater, is allowed. Chipping of limbs or portions of the tree less than 2-inches in diameter is not permitted. Limbs and the remaining top must be left on site and scattered.

#### 3 - Payments

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.

Within Payment Unit 3, if more than 25% of oak tree seedlings or saplings (1/4" to 4.5" DBH) are damaged, liquidated damages will be assessed at \$100 per acre for all acreage within that specified portion of the Sale Area that was damaged.

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are un-marked oak, un-marked red pine, hickory, walnut, apple, and trees marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

3.6 - Payment Unit Cutting Schedule

3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened. The Purchaser must give a one week notice before finishing a Payment Unit to allow for inspection.

#### 4 - Transportation

### 4.1 - Construction

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

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

### 4.1.12 - 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

### 4.2.3 - 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.

### 4.2.4 - Grading (10/16)

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

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

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

### 4.4 - Access

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

The access gate at the end of Roods Lake Road and at the corner of Sawdust Corners Road must be locked at all times. This is to prevent someone other than the Purchaser from going through the gate and being locked in and to prevent damage to infrastructure and natural resources.

### 4.4.4 - Restricted access (10/05)

Any vehicle barriers (gates, guard rail, berms etc.) removed during the course of operations shall be replaced in their original location and in their original condition. Any damage to gates, guard rail, or vehicle barriers is the responsibility of the Purchaser.

#### 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 sale administrator or his/her representative must be contacted at least 10 days in advance to schedule the conference.

#### 5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in any maintained wildlife opening which is indicated by G0 or U0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

5.2.1.11 - Slash for reforestation (3/21)To facilitate reforestation, the Sale Area or Payment Unit(s) shall be left with slash evenly distributed. Bunched tops

within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### 5.2.2 - Hazard Trees/Snags

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

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard. All standing dead trees (snags) 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 all Payment Units, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

### 5.2.3.12 - Hunting operating restriction (1/18)

No Payment Unit may be started during the period of September 25 - October 10 or November 1 - November 30, without permission of the Unit Manager or his/her representative.

### 5.2.31 - Landing locations (9/13)

The location of landings will be determined in the pre-sale conference. Landings must be confined to designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 50-foot trailer.

#### 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.

#### 5.2.37 - No decking areas (12/08)

No decking is allowed in any designated parking area. Additionally, no equipment storage is allowed in any designated parking area.

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

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

### 5.4 - Soil Protection

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

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

#### 5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

#### 5.8 - Protection of Endangered Species

#### 5.8.5 - Protection of raptor nests (3/13)

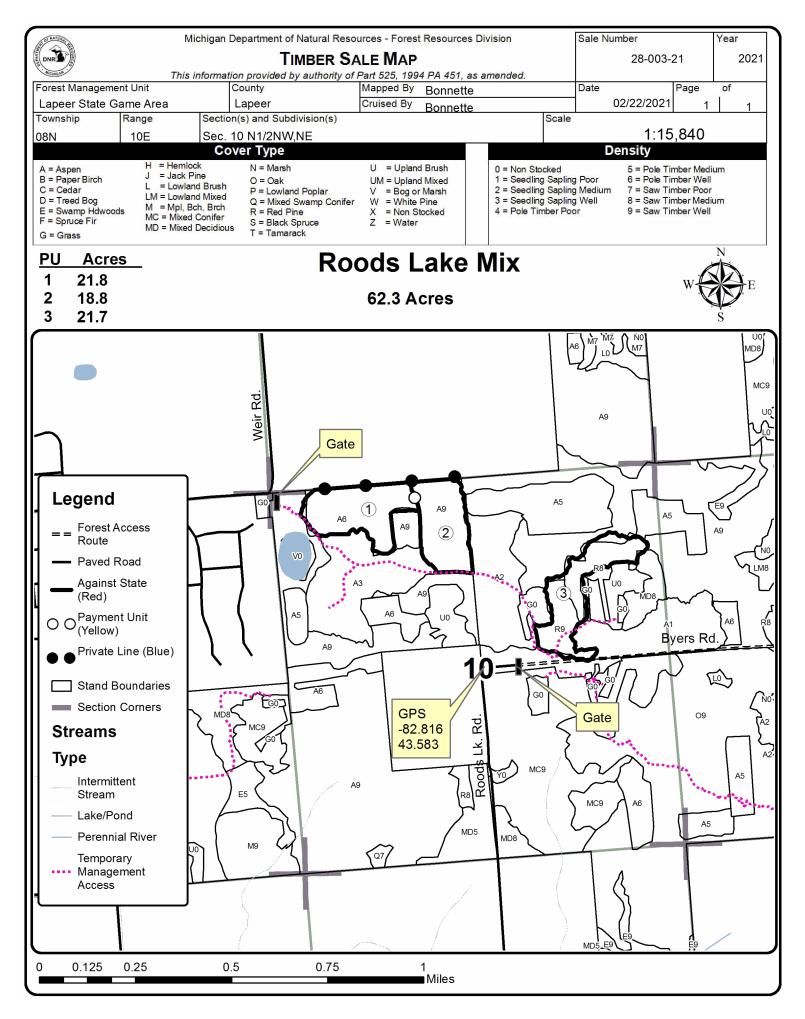
All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

#### 7 - Other Conditions

#### 7.10 - Certified Timber

7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed as a State Game Area.



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

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

Bids must be received by the Unit Manager, BAY CITY OFFICE, 3580 State Park Drive, Bay City, MI 48706, no later than 10:00 a.m. (local time) on November 9, 2021. For further information concerning this sale, contact Don Bonnette at 989-385-5616.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.

b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.

d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

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

DAN EICHINGER Director

## TIMBER SALE INFORMATION

#### <u>7 Block Mix (55-132-21)</u> T13N, R10E, SEC. 11; T13N, R10E, SEC. 14; T13N, R10E, SEC. 23. Tuscola County (Advertised Price \$33,456.50)

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 may be through other public land.

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

PRODUCTS & SPECIES	<u>ESTIMATE</u>	D UNITS*	ADVE	RTISED PRICE
Sawtimber				
American Elm	8.3	MBF	\$	28.00 / MBF
Black Cherry	21.0	MBF	\$	69.00 / MBF
Jack Pine	2.2	MBF	\$	25.00 / MBF
Mixed Aspen	349.4	MBF	\$	28.00 / MBF
Paper Birch	0.9	MBF	\$	26.00 / MBF
Red Maple	73.5	MBF	\$	30.00 / MBF
Red Pine	48.5	MBF	\$	37.00 / MBF
Sugar Maple	7.1	MBF	\$	69.00 / MBF
White Ash	10.1	MBF	\$	28.00 / MBF
Pulpwood				
Jack Pine	4	Cords	\$	7.70 / Cord
Mixed Aspen	673	Cords	\$	10.45 / Cord
Mixed Hardwood	1,058	Cords	\$	8.80 / Cord
Red Pine	45	Cords	\$	17.05 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.07 percent. There are an estimated 2,910 cords on this timber sale, plus or minus 177 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,673.00 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

II NUMBER	PERCENT OF TOTAL SAL
01	18.6%
02	23.0%
03	31.4%
04	27.0%

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

5. Operations on the contract issued will terminate on 12/31/2023.

#### SALE STATISTICS

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

#### SALE VOLUMES

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

VOL	1E		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM	
229,897	2,910	6.07%	2,733	3,087

#### **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	3,010	38	23.57%	29	47
29	3,145	40	9.12%	36	43
30	14,167	179	32.27%	121	237
32	63,765	807	10.80%	720	894
38	44,295	561	16.46%	468	653
73	23,788	301	13.05%	262	340
101	23,721	300	17.45%	248	353
120	27,640	350	16.52%	292	408
546	19,082	242	14.91%	206	278
TOTAL:	222,613	2,818		2,382	3,253

#### 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	1.5	1	1.5
29	1.2	3	1.2
30	8.6	1	8.6
32	22.0	4	22.0
38	13.2	2	13.2
73	6.1	1	6.1
101	9.7	3	9.7
120	10.8	3	10.8
546	8.5	3	8.5
TOTAL:	81.6		81.6

# DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

Black Cherry Jack Pine       1.3       MBF         Mixed Aspen       2.2       MBF         Mixed Aspen       95.5       MBF         Red Maple       15.9       MBF         Jack Pine       0.3       MBF         Jack Pine       Pulpwood       4       Cords         Jack Pine       Pulpwood       4       Cords         Jack Pine       Pulpwood       63       Cords         Jack Pine       0.2       Cords       Cords         Jack Pine       13       Cords       Cords         Jack Pine       13       Cords       Cords         Jack Pine       10       Cords       Cords         Black Cherry       12       Cords       Cords         Jack Paper Birch       22       Cords       MBF         Sugar Maple       4       Cords       MBF         Red Mapie       10.0       MBF       MBF         Red Mapie       7.1       MBF       MBF         Sugar Mapie       7.1       MBF       MBF         White Ash       10.1       MBF       MBF						1	
Black Cherry Jack Pine       1.3       MBF         Jack Pine       2.2       MBF         Mixed Aspen       95.5       MBF         Red Maple       6.3       MBF         Red Maple       6.3       MBF         Jack Pine       0.5       MBF         Jack Pine       0.6       MBF         Jack Appen       6.3       MBF         Jack Appen       6.3       Cords         Black Cherry       1.1       Cords         Mixed Aspen       2.2       Cords         Green Ash       6       Cords         Green Ash       6       Cords         Red Maple       109       Cords         Sugar Maple       4       Cords         Red Pine       8       Cords         Black Cherry       1.2       MBF         Red Pine       1.3.2       \$7,691.65         Black Appen       2.3       MBF         Red Pine       3.4       MBF         Sugar Maple       7.1       MBF         White Ash       2.3       Cords         Sugar Maple       2.4	PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
Jack Pine       2.2       MBF         Mixed Aspen       95.5       MBF         Red Maple       15.9       MBF         Red Maple       15.9       MBF         Jack Pine       Pulpwood       4       Cords         Jack Pine       Pulpwood       4       Cords         Jack Pine       Pulpwood       4       Cords         Biack Cherry       63       Cords       Cords         Mixed Hardwood       169       Cords       Cords         Mixed Hardwood       169       Cords       Cords         Paper Birch       22       Cords       Cords         Black Cherry       3       Cords       Stager Maple         Red Maple       10.1       MBF       Stager Maple         Red Maple       10.1       MBF       Str.691.65         Sugar Maple       7.1       MBF       Str.691.65         Red Pine       3.5       MBF       Str.691.65         Sugar Maple       7.1       MBF       Str.691.65         White Ash       23       Cords       Str.691.65         Mixed Hardwood       55	1	American Elm	Sawtimber	3.8	MBF	16.2	\$6,219.65
Jack Pine       2.2       MBF         Mixed Aspen       95.5       MBF         Red Maple       15.9       MBF         Red Maple       15.9       MBF         Jack Pine       Pulpwood       4       Cords         Jack Pine       Pulpwood       4       Cords         Jack Pine       Pulpwood       4       Cords         Biack Cherry       63       Cords       Cords         Mixed Hardwood       169       Cords       Cords         Mixed Hardwood       169       Cords       Cords         Paper Birch       22       Cords       Cords         Black Cherry       3       Cords       Stager Maple         Red Maple       10.1       MBF       Stager Maple         Red Maple       10.1       MBF       Str.691.65         Sugar Maple       7.1       MBF       Str.691.65         Red Pine       3.5       MBF       Str.691.65         Sugar Maple       7.1       MBF       Str.691.65         White Ash       23       Cords       Str.691.65         Mixed Hardwood       55		Black Cherry		1.3	MBF		
B. T. Aspen Red Maple       95.5       MBF         Red Maple       15.9       MBF         Red Maple       6.3       MBF         Jack Pine       Pulpwood       4       Cords         Jack Pine       95.5       Cords       Cords         Mixed Aspen       26       Cords       Cords         Quaking Aspen       13       Cords       Cords         Mixed Hardwood       169       Cords       Cords         Paper Binch       22       Cords       Cords         Paper Binch       22       Cords       Cords         Sugar Maple       4       Cords       Cords         Red Maple       109       Cords       Cords         Sugar Maple       109       Cords       Stricts         Red Pine       33.5       MBF       Stricts         Sugar Maple       10.1       MBF       Stricts         White Ash       10.1       MBF       Stricts         Sugar Maple       24       Cords       Stricts         White Ash       23       Cords       Striiits         Black Cherry		-		2.2	MBF		
B. T. Aspen Red Maple       95.5       MBF         Red Maple       15.9       MBF         Red Maple       6.3       MBF         Jack Pine       Pulpwood       4       Cords         Jack Pine       95.5       Cords       Cords         Mixed Aspen       26       Cords       Cords         Quaking Aspen       13       Cords       Cords         Mixed Hardwood       169       Cords       Cords         Paper Binch       22       Cords       Cords         Paper Binch       22       Cords       Cords         Sugar Maple       4       Cords       Cords         Red Maple       109       Cords       Cords         Sugar Maple       109       Cords       Stricts         Red Pine       33.5       MBF       Stricts         Sugar Maple       10.1       MBF       Stricts         White Ash       10.1       MBF       Stricts         Sugar Maple       24       Cords       Stricts         White Ash       23       Cords       Striiits         Black Cherry		Mixed Aspen					
Red Maple       15.9       MBF         Jack Pine       Pulpwood       4       Cords         Jack Pine       0       63       Cords         B.T. Aspen       26       Cords       63         Quaking Aspen       26       Cords       63         Mixed Hardwood       169       Cords       64         American Elm       13       Cords       64         Black Cherry       12       Cords       64         Paper Birch       22       Cords       67         Paper Birch       22       Cords       6         Red Maple       109       Cords       6         Sugar Maple       4       Cords       6         Nixed Aspen       90.9       MBF       13.2       \$7,691.65         B< T. Aspen		-					
Red Pine       Jack Pine       Pulpwood       4       Cords         Mixed Aspen       80       Cords       Cords         B. T. Aspen       63       Cords       Cords         Quaking Aspen       26       Cords       Cords         Mixed Hardwood       169       Cords       Cords         American Elm       13       Cords       Cords         Black Cherry       12       Cords       Cords         Paper Birch       22       Cords       Cords         Paper Birch       22       Cords       Cords         Red Maple       109       Cords       Cords         Sugar Maple       4       Cords       Cords         Red Pine       3.5       MBF       Stack         Sugar Maple       7.1       MBF       Stack         White Ash       10.1       MBF       Stack         Sugar Maple       7.1       MBF       Stack         White Ash       10.1       MBF       Stack         Sugar Maple       24       Cords       Stack         White Ash       131       Cords							
Jack Pine Mixed Aspen       Pulpwood       4       Cords         B. T. Aspen       63       Cords       Cords         Quaking Aspen Quaking Aspen       169       Cords       Cords         Mixed Hardwood       169       Cords       Cords         Black Cherry       12       Cords       Cords         Black Cherry       12       Cords       Cords         Pin Cherry       3       Cords       Cords         Red Maple       109       Cords       Cords         Red Maple       109       Cords       Cords         Red Maple       109       MBF       13.2       \$7,691.65         Red Maple       10.1       MBF       MBF       State         Red Maple       10.1       MBF       State       State         White Ash       10.1       MBF       State       State         White Aspen       10.1       MBF       30.2       \$10,527.70         Mixed Aspen       23       Cords       Cords       State         White Ash       23       Cords       Cords       State         Black Cherry<							
Mixed Aspen       89       Cords         B. T. Aspen       63       Cords         Quaking Aspen       26       Cords         Mixed Hardwood       169       Cords         American Elm       13       Cords         Black Cherry       12       Cords         Green Ash       6       Cords         Paper Birch       22       Cords         Paper Birch       22       Cords         Red Maple       109       Cords         Sugar Maple       4       Cords         Red Pine       8       Cords         Red Pine       3.5       MBF         Red Pine       3.3.5       MBF         Sugar Maple       7.1       MBF         White Ash       10.1       MBF         Mixed Hardwood       55       Cords         B T. Aspen       766       Cords         White Ash       23       Cords         Wixed Aspen       8       Cords         B T. Aspen       7.69       6.1         Mixed Aspen       8.3       MBF         Sawtimber       4.5 <td></td> <td></td> <td>Pulpwood</td> <td></td> <td></td> <td></td> <td></td>			Pulpwood				
B. T. Aspen Quaking Aspen       26       Cords Cords         Mixed Hardwood       169       Cords         American Elm Black Cherry       12       Cords         Black Cherry       12       Cords         Green Ash       6       Cords         Red Maple       109       Cords         Sugar Maple       4       Cords         Red Maple       109       Cords         Red Pine       8       Cords         B. T. Aspen       90.9       MBF         Red Pine       33.5       MBF         Sugar Maple       7.1       MBF         White Aspen       Pulpwood       166       Cords         Sugar Maple       7.1       MBF          Mixed Aspen       Pulpwood       166       Cords         B. T. Aspen       166       Cords          Mixed Aspen       Pulpwood       166       Cords         Sugar Maple       24       Cords          Mixed Aspen       8.3       MBF          Mixed Aspen       8.3       MBF          Back Cher							
Quaking Aspen     26     Cords       Mixed Hardwood     168     Cords       American Elm     13     Cords       Black Cherry     12     Cords       Green Ash     6     Cords       Paper Birch     22     Cords       Pin Cherry     3     Cords       Red Maple     109     Cords       Sugar Maple     4     Cords       Red Maple     12.9     MBF       Sugar Maple     13.2     \$7,691.65       B. T. Aspen     90.9     MBF       Red Maple     13.5     MBF       Sugar Maple     7.1     MBF       White Ash     10.1     MBF       Mixed Hardwood     55     Cords       Back Cherry     166     Cords       White Ash     10.1     MBF       Mixed Hardwood     55     Cords       Black Cherry     84     MBF       Mixed Hardwood     55     Cords       Black Cherry     61     MBF       Mixed Hardwood     23     Cords       Quaking Aspen     24     Cord							
Mixed Hardwood American Elm       169       Cords         Black Cherry       12       Cords         Black Cherry       12       Cords         Green Ash       6       Cords         Paper Birch       22       Cords         Sugar Maple       109       Cords         Red Maple       109       Cords         Sugar Maple       4       Cords         Red Pine       8       Cords         B. T. Aspen       90.9       MBF         Red Pine       3.5       MBF         Sugar Maple       7.1       MBF         White Aspen       10.1       MBF         Sugar Maple       7.1       MBF         White Aspen       Pulpwood       166         Sugar Maple       24       Cords         White Aspen       Pulpwood       166         Sugar Maple       8       30.2         White Aspen       23       Cords         B. T. Aspen       4.5       MBF         Sugar Maple       8       30.2         White Aspen       86.3       MBF         B. T. Aspen </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
American Elm Black Cherry13Cords CordsBlack Cherry12CordsPaper Birch22CordsPaper Birch22CordsRed Maple109CordsSugar Maple4CordsRed Maple0.9MBFRed Maple11.2S7,691.65Red Maple12.9MBFRed Maple12.9MBFRed Maple10.1MBFRed Maple10.1MBFSugar Maple7.1MBFWhite Ash10.1MBFMixed AspenPulpwood166Cords6CordsB. 7. Aspen166CordsB. 7. Aspen166CordsB. 7. Aspen166CordsMixed Aspen23CordsMixed Aspen23CordsBack Cherry6.1MBFMixed Aspen86.3MBFBlack Cherry6.1MBFMixed Aspen28.5MBFRed Maple44.7MBFRed Maple28.5MBFRed Maple23CordsRed Maple24.7MBFRed Maple24.7MBFRed Maple24.7CordsMixed Aspen24.5MBFMixed Aspen23.6CordsBlack Cherry12.6CordsMixed Aspen24.7CordsRed Maple39.1CordsRed Maple39.1CordsRed Maple3							
Black Cherry Green Ash Paper Birch       12       Cords Cords         Paper Birch Pin Cherry       3       Cords         Red Maple       109       Cords         Red Pine       8       Cords         Red Pine       8       Cords         Red Pine       8       Cords         Red Maple       90.9       MBF       13.2         Red Maple       7.1       MBF       14.5         White Aspen       Pulpwood       166       Cords         Mixed Maple       24       Cords       14.5         Mixed Maple       24       Cords       14.5         White Aspen       84       Cords       14.5         Sugar Maple       24       Cords       14.5         White Aspen       84.5       MBF       30.2       \$10,527.70         Black Cherry       61.1       MBF       14.5       MBF       14.5         Red Pine       87.48<							
Green Ash Paper Birch       6       Cords Cords         Paper Birch Pin Cherry       3       Cords         Red Maple       109       Cords         Sugar Maple       4       Cords         Red Maple       4       Cords         Red Maple       8       Cords         Red Maple       10.9       MBF         Red Maple       12.9       MBF         Red Maple       13.2       \$7,691.65         Sugar Maple       7.1       MBF         Sugar Maple       7.1       MBF         White Ash       10.1       MBF         Mixed Aspen       Pulpwood       166         Sugar Maple       24       Cords         White Ash       10.1       MBF         Mixed Hardwood       8       Cords         Red Maple       8       Cords         Sugar Maple       24       Cords         White Ash       33       American Elm         Back Cherry       6.1       MBF       30.2         Back Cherry       28.5       MBF         Grads       MBF       MBF							
Paper Birch Pin Cherry22Cords Sugar MapleRed Mapie109CordsSugar Maple109CordsRed Pine8Cords2Mixed Aspen Red MapleSawtimber90.9MBFRed Maple12.9MBF13.2Red Maple12.9MBFRed Maple12.9MBFRed Maple7.1MBFSugar Maple7.1MBFWhite Ash10.1MBFMixed AspenPulpwood166B. T. Aspen766CordsMixed Hardwood55CordsRed Pine31CordsWhite Ash10.1MBFMixed Aspen8CordsMixed Aspen8CordsSugar Maple23CordsWhite Ash23CordsRed Pine31CordsBiack Cherry6.1MBFMixed Aspen47.8Mixed Aspen28.5Mixed Aspen28.5Mixed Aspen28.5Mixed Aspen23Cords24.5Mixed Aspen23.5Mixed Aspen23.5Mixed Aspen24.5Mixed Aspen23.5Mixed Aspen24.5Mixed Aspen23.5Mixed Aspen24.5Mixed Aspen23.5Mixed Aspen24.5Mixed Aspen24.5Mixed Aspen24.5Mixed Aspen24.5Mixed Aspen24.5 <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>		-					
Pin Cherry Red Maple3CordsSugar Maple109CordsRed Pine8Cords2Mixed Aspen Red MapleSawtimber90.9MBFRed Pine33.5MBFRed Pine33.5MBFSugar Maple7.1MBFWhite Ash10.1MBFMixed AspenPulpwood166Cords5CordsB. T. Aspen166CordsWhite Ash23CordsMixed Hardwood55CordsRed Pine31CordsSugar Maple24CordsWhite Ash23CordsBlack Cherry6.1MBFMixed Aspen86.3MBFBlack Cherry10.0MBFMixed Aspen28.5MBFBlack Cherry10.0MBFMixed Aspen28.5MBFRed Pine8.7MBFMixed Aspen28.5MBFMixed Aspen24.1Cottonwood10.0Quaking Aspen24.5Mixed Aspen24.5Mixed Aspen24.5Mixed Hardwood10.0Mixed Aspen28.5Mixed Aspen21.6Cottonwood4.6Quaking Aspen21.6Mixed Aspen21.6Black Cherry12.6Black Cherry26.6Paper Birch26.6Red Pine6.7Black Cherry26.5Black Cherry26.6				-			
Red Maple       109       Cords         Sugar Maple       4       Cords         Red Pine       8       Cords         Mixed Aspen       Sawtimber       90.9       MBF         B. T. Aspen       90.9       MBF       13.2         Red Maple       12.9       MBF       13.2         Red Maple       7.1       MBF       14.2         White Ash       10.1       MBF       14.2         White Ash       10.1       MBF       14.4         Mixed Aspen       Pulpwood       166       Cords         B. T. Aspen       101       MBF       14.4         Mixed Marke       24       Cords       14.4         Sugar Maple       24       Cords       14.4         White Ash       23       Cords       14.5         Mixed Hardwood       55       Cords       14.5         Black Cherry       6.1       MBF       30.2       \$10,527.70         Mixed Aspen       28.5       MBF       14.5       14.5         Red Pine       37       MBF       14.5       14.5		-					
Sugar Maple Red Pine       4 (Cords B       Cords Cords (Cords         2       Mixed Aspen B. T. Aspen Red Maple Red Pine       Sawtimber       90.9       MBF       13.2       \$7,691.65         Red Maple Red Pine       33.5       MBF       13.2       \$7,691.65         Sugar Maple Red Pine       7.1       MBF       13.2       \$7,691.65         Mixed Aspen B. T. Aspen       7.1       MBF       14.2       MBF         Mixed Aspen B. T. Aspen Mixed Hardwood       Pulpwood       166       Cords       166         Sugar Maple       24       Cords       166       Cords       166         Sugar Maple       24       Cords       166       Cords       166       Cords       166       Cords       166       Cords       167		-		-			
Red Pine8Cords2Mixed Aspen B. T. AspenSawtimber90.9MBF13.2\$7,691.65B. T. Aspen90.9MBF13.2\$7,691.65Red Maple White Ash12.9MBF1Mixed Aspen B. T. AspenPulpwood166CordsMixed Aspen B. T. AspenPulpwood166CordsMixed Hardwood Red Maple24Cords1Mixed Hardwood Red Maple31Cords1Mixed Hardwood B. T. Aspen23Cords1Mixed Hardwood B. T. Aspen4.5MBF30.2\$10,527.70Black Cherry Mixed Aspen6.1MBF1Mixed Aspen B. T. Aspen4.5MBF1Mixed Aspen Cottonwood28.5MBF1Red Pine Red Pine28.5MBF1Red Pine Red Pine8.7MBF1Mixed Aspen Red Maple28.5MBF1Red Pine Red Pine8.7MBF1Mixed Aspen Red Pine23Cords1Mixed Aspen Red Pine23Cords1Mixed Aspen Red Maple28.5MBF1Red Pine Black Cherry Paper Birch Red Maple21Cords1Mixed Aspen Red Pine21Cords1American Elm Black Cherry Paper Birch Red Maple23Cords1American Elm Black Cherry Paper Birch Red Pine26Cords1 </td <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>		-					
2     Mixed Aspen     Sawtimber     90.9     MBF     13.2     \$7,691.65       Red Maple     12.9     MBF     13.2     \$7,691.65       Red Maple     12.9     MBF     13.2     \$7,691.65       Sugar Maple     12.9     MBF     13.2     \$7,691.65       White Ash     10.1     MBF     13.2     \$7,691.65       Mixed Aspen     Pulpwood     166     Cords     Cords       B. T. Aspen     10.1     MBF     Cords     Sagar Maple       White Ash     10.1     MBF     Sagar Maple     24     Cords       White Ash     23     Cords     Cords     Sagar Maple				-			
B. T. Aspen90.9MBFRed Maple12.9MBFRed Pine33.5MBFSugar Maple7.1MBFWhite Ash10.1MBFMixed AspenPulpwood166Cords6CordsRed Maple24CordsWhite Ash23CordsRed Pine31CordsSugar Maple24CordsWhite Ash23CordsRed Pine31CordsSawtimber4.5MBFMixed Aspen86.3MBFBlack Cherry6.1MBFMixed Aspen28.5MBFCottorwood10.0MBFQuaking Aspen24.5MBFMixed AspenPulpwood176Black Cherry149CordsMixed Aspen23CordsRed Maple44.7MBFRed Maple23CordsMixed Aspen1149CordsMixed Aspen149CordsMixed Aspen149CordsBack Cherry12CordsBlack Cherry12CordsBlack Cherry12CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6			O susting 1			40.0	AT 004 0T
Red Maple12.9MBFRed Pine33.5MBFSugar Maple7.1MBFWhite Ash10.1MBFMixed AspenPulpwood166Cords6CordsB. T. Aspen166CordsMixed Hardwood55CordsSugar Maple24CordsSugar Maple23CordsWhite Ash23CordsRed Pine31CordsAmerican ElmSawtimber4.5Black Cherry6.1MBFMixed Aspen28.5MBFCottonwood10.0MBFQuaking Aspen28.5MBFRed Maple44.7MBFRed Pine8.7. Aspen23Cords166CordsBlack Cherry10.0MBFMixed Aspen28.5MBFRed Pine8.7. AspenMixed Aspen23.5Mixed Aspen23.5Mixed Aspen23.5Mixed Aspen23.5Mixed Aspen24.5Mixed Aspen23.5Mixed Hardwood4.7Mixed Hardwood4.9Cords2.0Mixed Hardwood4.50American Elm21Black Cherry12.2Sawtimber13.6Mixed Aspen26.5Mixed Hardwood4.50American Elm21Cords23.5Red Pine6.50Black Cherry26.5Black Cherry <td>2</td> <td></td> <td>Sawtimber</td> <td></td> <td></td> <td>13.2</td> <td>\$7,691.65</td>	2		Sawtimber			13.2	\$7,691.65
Red Pine33.5MBFSugar Maple7.1MBFWhite Ash10.1MBFMixed AspenPulpwood166B. T. Aspen166CordsMixed Hardwood55CordsRed Maple8CordsWhite Ash23CordsWhite Ash23CordsRed Pine31Cords3American ElmSawtimber4.5Black Cherry6.1MBFMixed Aspen47.8MBFQuaking Aspen28.5MBFRed Pine8.7MBFQuaking Aspen28.5MBFRed Pine8.7MBFQuaking Aspen28.5MBFRed Pine8.7MBFRed Pine8.7MBFMixed Aspen23CordsQuaking Aspen23CordsRed Pine8.7MBFRed Pine8.7MBFRed Pine8.7MBFMixed Aspen149CordsBitack Cherry12CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry12CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine		-					
Sugar Maple White Ash7.1MBF 10.1Mixed Aspen B. T. AspenPulpwood166CordsMixed Aspen B. T. Aspen166CordsMixed Hardwood55CordsRed Maple24CordsWhite Ash23CordsRed Pine31CordsBlack Cherry6.1MBFMixed Aspen86.3MBFBlack Cherry6.1MBFMixed Aspen28.5MBFQuaking Aspen28.5MBFRed Pine8.7MBFQuaking Aspen23CordsB. T. Aspen27.5MBFQuaking Aspen28.5MBFRed Pine8.7MBFMixed Aspen23CordsQuaking Aspen23CordsQuaking Aspen23.5CordsMixed Aspen23.5MBFRed Pine8.7MBFMixed Aspen23.5CordsQuaking Aspen149CordsMixed Aspen21CordsMixed Aspen22CordsBlack Cherry12CordsBlack Cherry26CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6.1MBFQuaking Aspen70.6Mixed Aspen70.6Mixed							
White Ash Mixed AspenPulpwood10.1MBF CordsB. T. Aspen166CordsMixed Hardwood55CordsCordsRed Maple24Cords23White Ash23Red Pine31CordsCordsBlack Cherry6.1Mixed Aspen28.5Mixed Aspen28.5Mixed Aspen28.5Mixed Aspen23.2Cortonwood10.0Mixed Aspen28.5Mixed Aspen23.5Mixed Aspen28.5Mixed Aspen28.5Mixed Aspen23.2Cottonwood10.0Maple44.7Red Pine8.7Mixed AspenPulpwoodPulpwood176Cords23.2Cords44.5Mixed Aspen23.3Cords44.5Red Pine8.7Mixed Aspen149.4Mixed Aspen149.5Mixed Aspen149.5Mixed Hardwood450.5American Elm21.5Mixed Hardwood450.5American Elm23.5Black Cherry12.6Cords70.6Red Pine6.5Cords70.5Black Cherry22.0Sawtimber13.6Mixed Aspen70.6Mixed Aspen70.6Mixed Aspen70.6Mixed Aspen70.6Mixed Aspen70.6Mixed Aspen <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Mixed Aspen B. T. Aspen Mixed HardwoodPulpwood166Cords CordsMixed Hardwood55CordsRed Maple8CordsSugar Maple24CordsWrite Ash23CordsRed Pine31Cords3American Elm B. T. AspenSawtimber4.5Mixed Aspen86.3MBFMixed Aspen47.8MBFMixed Aspen28.5MBFGuaking Aspen28.5MBFRed Pine8.7MBFQuaking Aspen28.5MBFRed Pine8.7MBFMixed AspenPulpwood176Cottonwood176CordsQuaking Aspen149CordsMixed Aspen122CordsB. T. Aspen233CordsCottonwood4CordsGalack Cherry128CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry12CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry128CordsBlack Cherry26CordsBlack Cherry28SawtimberHardwood391CordsAmerican ElmSawtimber13.6Black Cherry28SawtimberBlack Cherry28CordsBlack Cherry28SawtimberA Black CherrySawtimber13.6							
B. T. Aspen166CordsMixed Hardwood55CordsRed Maple8CordsSugar Maple24CordsWhite Ash23CordsRed Pine31Cords3American ElmSawtimber4.5Black Cherry6.1MBFMixed Aspen86.3MBFB. T. Aspen47.8MBFCottonwood10.0MBFQuaking Aspen28.5MBFRed Pine8.7MBFRed Pine8.7MBFMixed Aspen23CordsQuaking Aspen28.5MBFRed Maple44.7MBFRed Pine8.7MBFMixed AspenPulpwood176CordsCordsB. T. AspenCordsMixed AspenPulpwoodMixed AspenPulpwoodMixed Hardwood450CordsCordsBlack Cherry12CordsBlack CherryPaper Birch26Red Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine391CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6CotonwoodMixed Aspen <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Mixed Hardwood Red Maple55Cords CordsSugar Maple24CordsSugar Maple23CordsRed Pine31Cords3American ElmSawtimber4.5MBFBlack Cherry6.1MBF30.2\$10,527.70Mixed Aspen88.3MBF6.1MBFB. T. Aspen47.8MBF6.1Quaking Aspen28.5MBF6.1Red Pine8.7MBF6.1Red Pine8.7MBF6.1Mixed Aspen28.5MBF6.1Mixed Aspen23.5Cords6.1Quaking Aspen23.5Cords6.1Mixed AspenPulpwood176CordsCottonwood4.4Cords6.1Mixed AspenPulpwood176CordsMixed AspenPulpwood176CordsMixed Aspen1149Cords6.1Mixed Hardwood450CordsAmerican Elm21CordsBlack Cherry12CordsBlack Cherry12CordsRed Pine6CordsRed Pine<		-	Pulpwood		-		
Red Maple8CordsSugar Maple24CordsWhite Ash23CordsRed Pine31Cords3American ElmSawtimber4.5MBFBlack Cherry6.1MBFMixed Aspen86.3MBFCottonwood10.0MBFQuaking Aspen28.5MBFRed Pine8.7MBFRed Pine8.7MBFMixed Aspen23CordsQuaking Aspen23.5MBFRed Pine8.7MBFMixed Aspen23CordsQuaking Aspen23CordsQuaking Aspen176CordsQuaking Aspen149CordsMixed Aspen21CordsBack Cherry12CordsBlack Cherry12CordsRed Pine6CordsKixed Aspen26CordsMixed Hardwood450CordsRed Pine6CordsBlack Cherry12CordsRed Pine6CordsRed Pine<		-					
Sugar Maple White Ash Red Pine24Cords3American Elm Black CherrySawtimber4.5MBF30.2\$10,527.703American Elm Black CherrySawtimber4.5MBF30.2\$10,527.70Mixed Aspen86.3MBF </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
White Ash Red Pine23Cords3American Elm Black CherrySawtimber4.5MBF30.2\$10,527.70Black Cherry Mixed Aspen6.1MBF30.2\$10,527.70Mixed Aspen86.3MBF47.8MBF47.847.8B. T. Aspen47.8MBF47.8MBF47.8Cottonwood10.0MBF47.8MBF47.8Quaking Aspen28.5MBF47.847.8Red Maple44.7MBF47.847.8Red Pine8.7MBF47.847.8Mixed AspenPulpwood176CordsB. T. Aspen23Cords4Mixed Aspen149CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry12CordsBlack Cherry12CordsRed Pine6CordsRed Pine6CordsRed Pine6CordsRed Pine6Cords4Black CherrySawtimberMixed Aspen76.7MBFCottonwood6.1MBFQuaking Aspen70.6Mixed As				-			
Red Pine31Cords3American Elm Black CherrySawtimber4.5MBF30.2\$10,527.70Black Cherry6.1MBFMBF10.2\$10,527.70Mixed Aspen86.3MBF10.0MBF10.0Cottonwood10.0MBF10.0MBFQuaking Aspen28.5MBF10.0Red Maple44.7MBF10.0Red Pine8.7MBF10.0Mixed AspenPulpwood176CordsCottonwood4Cords10.0Quaking Aspen1149CordsQuaking Aspen149CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry122CordsBlack Cherry391CordsAmerican Elm391CordsBlack Cherry13.6MBFAge Pine6CordsCottonwood6.1MBFQuaking Aspen76.7Mixed Aspen70.6Mixed Aspen <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
3American Elm Black Cherry Mixed AspenSawtimber4.5MBF30.2\$10,527.70Black Cherry Mixed AspenB. T. Aspen86.3MBF90.2\$10,527.70B. T. Aspen47.8MBF90.290.2\$10,527.70Cottonwood10.0MBF90.290.2\$10,527.70Quaking Aspen28.5MBF90.290.2\$10,527.70Red Maple47.8MBF90.290.2\$10,527.70Red Maple28.5MBF90.290.2\$10,527.70Red Maple28.5MBF90.2\$10,527.70Red Pine28.5MBF90.2\$10,527.70Mixed Aspen28.5MBF90.2\$10,527.70Mixed Aspen28.5MBF90.2\$10,527.70Mixed AspenPulpwood10.0MBF90.2Quaking Aspen176Cords90.2Mixed Hardwood410Cords90.2American Elm21Cords90.2Black Cherry12Cords90.1Red Maple391Cords90.17.50ABlack CherrySawtimber13.6MBF22.04Black Aspen76.7MBF90.17.50Mixed Aspen70.6MBF90.17.50							
Black Cherry Mixed Aspen6.1MBFB. T. Aspen Cottonwood86.3MBFB. T. Aspen Quaking Aspen47.8MBFRed Maple28.5MBFRed Pine8.7MBFMixed AspenPulpwood176CordsB. T. Aspen23CordsCottonwood4CordsQuaking Aspen149CordsMixed Aspen149CordsMixed Aspen112CordsB. T. Aspen21CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry122CordsBlack Cherry391CordsRed Pine6CordsAmerican Elm26SordsBlack CherrySawtimber13.6MBF22.0\$9,017.50Mixed Aspen76.7Mixed Aspen70.6Mixed Aspen70.6<							
Mixed Aspen86.3MBFB. T. Aspen47.8MBFCottonwood10.0MBFQuaking Aspen28.5MBFRed Maple44.7MBFRed Pine8.7MBFMixed AspenPulpwood176Cottonwood4CordsB. T. Aspen23CordsCottonwood44CordsQuaking Aspen149CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry122CordsPaper Birch26CordsRed Pine6Cords4Black Cherry13.6MBF24Black CherrySawtimber13.6MBF22.0\$9,017.50Mixed AspenCottonwood6.1Quaking Aspen70.6Mixed Aspen70.6Red Pine70.6Mixed Aspen70.6Mixed Aspen70.6Mixed Aspen70.6<	3		Sawtimber			30.2	\$10,527.70
B. T. Aspen Cottonwood47.8MBF 10.0Quaking Aspen Red Maple28.5MBFRed Pine44.7MBFMixed Aspen Cottonwood176CordsB. T. Aspen Cottonwood23CordsCottonwood4CordsQuaking Aspen149CordsQuaking Aspen21CordsMixed Hardwood450CordsAmerican Elm Black Cherry21CordsPaper Birch Red Maple26CordsPaper Birch Red Maple391Cords4Black Cherry Red Pine13.6MBF MBF4Black Cherry Red Maple5awtimber13.6Mixed Aspen Cottonwood6.1MBF MBFQuaking Aspen70.6MBF		-					
Cottonwood Quaking Aspen Red Maple10.0MBF 28.5MBFRed Maple24.7MBFRed Pine8.7MBFMixed AspenPulpwood176CordsB. T. Aspen23CordsCottonwood4CordsQuaking Aspen149CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry12CordsPaper Birch26CordsRed Maple391CordsRed Pine6Cords4Black Cherry13.6MBF24Black CherrySawtimber13.6MBF22.0\$9,017.50Mixed Aspen76.7MBFQuaking Aspen70.6MBF		-					
Quaking Aspen Red Maple Red Pine28.5MBFRed Pine44.7MBFMixed AspenPulpwood176CordsB. T. Aspen23Cords1Cottonwood44CordsQuaking Aspen1149CordsMixed Hardwood450CordsMixed Hardwood21CordsAmerican Elm21CordsBlack Cherry12CordsRed Pine6CordsRed Pine6SordsAmerican Simple391CordsRed Pine6CordsQuaking Aspen13.6MBFQuaking Aspen76.7MBFQuaking Aspen70.6MBF							
Red Maple Red Pine44.7MBF Mixed AspenMixed AspenPulpwood176CordsB. T. Aspen23CordsCottonwood4CordsQuaking Aspen149CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry12CordsPaper Birch26CordsRed Maple391CordsRed Pine6Cords4Black Cherry13.6MBFMixed Aspen76.7MBFCottonwood6.1MBFQuaking Aspen70.6MBF							
Red PineNixed AspenPulpwood8.7MBFIMixed AspenPulpwood176CordsIB. T. Aspen23CordsICottonwood4CordsIQuaking Aspen149CordsIMixed Hardwood450CordsIAmerican Elm21CordsIBlack Cherry12CordsIPaper Birch26CordsIRed Pine6CordsI4Black CherrySawtimber13.6MBFMixed Aspen76.7MBFIQuaking Aspen6.1MBF22.0Quaking Aspen70.6MBFI							
Mixed AspenPulpwood176CordsB. T. Aspen23CordsCottonwood4CordsQuaking Aspen149CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry12CordsPaper Birch26CordsRed Maple391CordsRed Pine6CordsMixed Aspen13.6MBFMixed Aspen6.1MBFQuaking Aspen6.1MBFQuaking Aspen70.6MBF							
B. T. Aspen Cottonwood23CordsQuaking Aspen4CordsMixed Hardwood149CordsAmerican Elm21CordsBlack Cherry12CordsPaper Birch26CordsRed Maple391CordsRed Pine6Cords4Black CherrySawtimber13.6Mixed Aspen76.7MBFCottonwood6.1MBFQuaking Aspen70.6MBF							
Cottonwood4CordsQuaking Aspen149CordsMixed Hardwood450CordsAmerican Elm21CordsBlack Cherry12CordsPaper Birch26CordsRed Maple391CordsRed Pine6Cords4Black CherrySawtimber13.6Mixed Aspen76.7MBFCottonwood6.1MBFQuaking Aspen70.6MBF		-	Pulpwood				
Quaking Aspen Mixed Hardwood149CordsMixed Hardwood450CordsAmerican Elm Black Cherry21CordsBlack Cherry12CordsPaper Birch Red Maple26CordsRed Pine6Cords4Black Cherry Mixed Aspen331MBF20Sawtimber13.6MBF22.04Black Cherry Mixed AspenSawtimber6.1MBF20Quaking Aspen70.6MBF22.0		-					
Mixed Hardwood450CordsAmerican Elm21CordsBlack Cherry12CordsPaper Birch26CordsRed Maple391CordsRed Pine6Cords4Black CherrySawtimber13.6MBFMixed Aspen76.7MBFCottonwood6.1MBFQuaking Aspen70.6MBF							
American Elm Black Cherry21CordsPaper Birch Red Maple12CordsRed Pine26CordsRed Pine391Cords4Black Cherry Mixed AspenSawtimber13.6MBF22.0\$9,017.50Mixed Aspen76.7MBF22.0\$9,017.50Quaking Aspen70.6MBF444							
Black Cherry Paper Birch Red Maple12Cords CordsRed Maple26CordsRed Pine391Cords4Black Cherry Mixed AspenSawtimber13.6MBF22.0\$9,017.50Mixed Aspen76.7MBF22.0\$9,017.50Quaking Aspen70.6MBF444							
Paper Birch     26     Cords       Red Maple     391     Cords       Red Pine     6     Cords       4     Black Cherry     Sawtimber     13.6     MBF     22.0     \$9,017.50       Mixed Aspen     76.7     MBF     22.0     \$9,017.50       Quaking Aspen     6.1     MBF     4							
Red Maple     Red Maple     391     Cords       Red Pine     6     Cords     6       4     Black Cherry     Sawtimber     13.6     MBF     22.0     \$9,017.50       Mixed Aspen     76.7     MBF     4     4     Cottonwood     6.1     MBF     4     4       Quaking Aspen     70.6     MBF     4		-					
Red PineRed PineCords4Black CherrySawtimber13.6MBF22.0\$9,017.50Mixed Aspen76.7MBF20\$9,017.5010Cottonwood6.1MBF101010Quaking Aspen70.6MBF101010		-					
4Black Cherry Mixed AspenSawtimber13.6MBF22.0\$9,017.50Mixed Aspen76.7MBF6.1MBF44Cottonwood6.1MBF444Quaking Aspen70.6MBF444							
Mixed Aspen76.7MBFCottonwood6.1MBFQuaking Aspen70.6MBF		Red Pine					
Cottonwood6.1MBFQuaking Aspen70.6MBF	4	Black Cherry	Sawtimber			22.0	\$9,017.50
Quaking Aspen 70.6 MBF		-					
		Cottonwood		6.1	MBF		
Paper Birch 0.9 MBF		Quaking Aspen		70.6			
		Paper Birch		0.9	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Mixed Aspen	Pulpwood	242	Cords		
	Cottonwood		2	Cords		
	Quaking Aspen		240	Cords		
	Mixed Hardwood		384	Cords		
	Black Cherry		28	Cords		
	Green Ash		28	Cords		
	Paper Birch		20	Cords		
	Red Maple		308	Cords		
		TOTAL:	521.0	MBF		
		TOTAL:	1,780	Cords		

#### Sale Specific Conditions & Requirements

Sale Number: 55-132-21 Seg#: 1

#### Sale Name: 7 Block Mix

#### 1 - Sale Area

#### 1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected.

#### 2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-4, cut all trees that are two (2) inches or more at DBH, except oak, hemlock, cedar, hickory, apple, and trees marked with green paint. In addition, within Payment Units 1 and 3, cut all red pine marked with orange paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

#### 2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

2.2.4 - Skidding length (2/14) Skidding of unlimbed tops is not permissible.

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 1-4, chipping of the bole, 2-inches in diameter or greater, is allowed. Chipping of limbs or portions of the tree less than 2-inches in diameter is not permitted. Limbs and the remaining top must be left on site and scattered.

#### 3 - Payments

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are un-marked red pine within Payment Units 1 and 3 and oak, hickory, apple, and green marked trees in all Payment Units. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

#### 3.6 - Payment Unit Cutting Schedule

3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened. The Purchaser must give a one week notice before finishing a Payment Unit to allow for inspection.

### 4 - Transportation

4.1 - Construction

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

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

#### 4.1.12 - 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

4.2.4 - Grading (10/16)

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

4.4 - Access

4.4.4 - Restricted access (10/05)

Any vehicle barriers (gates, guard rail, berms etc.) removed during the course of operations shall be replaced in their original location and in their original condition. Any damage to gates, guard rail or vehicle barriers is the responsibility of the Purchaser.

### 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 skid trail locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in any maintained wildlife opening which is indicated by G0 or U0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

5.2.1.11 - Slash for reforestation (3/21)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard. All standing dead trees (snags) shall be protected and left standing unless they are a safety hazard.

### 5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 3 and 4 cutting, skidding, and hauling are limited to dry or frozen ground conditions. This restriction is is due to poor soil drainage within these Payment Units.

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

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

5.2.3.12 - Hunting operating restriction (1/18)

No Payment Unit may be started during the period of September 25 - October 1 or November 1 - November 30 without

permission of the Unit Manager or his/her representative.

#### 5.2.31 - Landing locations (9/13)

The location of landings will be determined in the pre-sale conference. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 50-foot trailer.

#### 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.

#### 5.2.37 - No decking areas (12/08)

No decking is allowed in any designated parking area. Additionally, no equipment storage is allowed in any designated parking area.

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

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

#### 5.4 - Soil Protection

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

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

#### 5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the vernal pond areas or drainages. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees, and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

#### 5.8 - Protection of Endangered Species

### 5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

### 7 - Other Conditions

#### 7.10 - Certified Timber

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

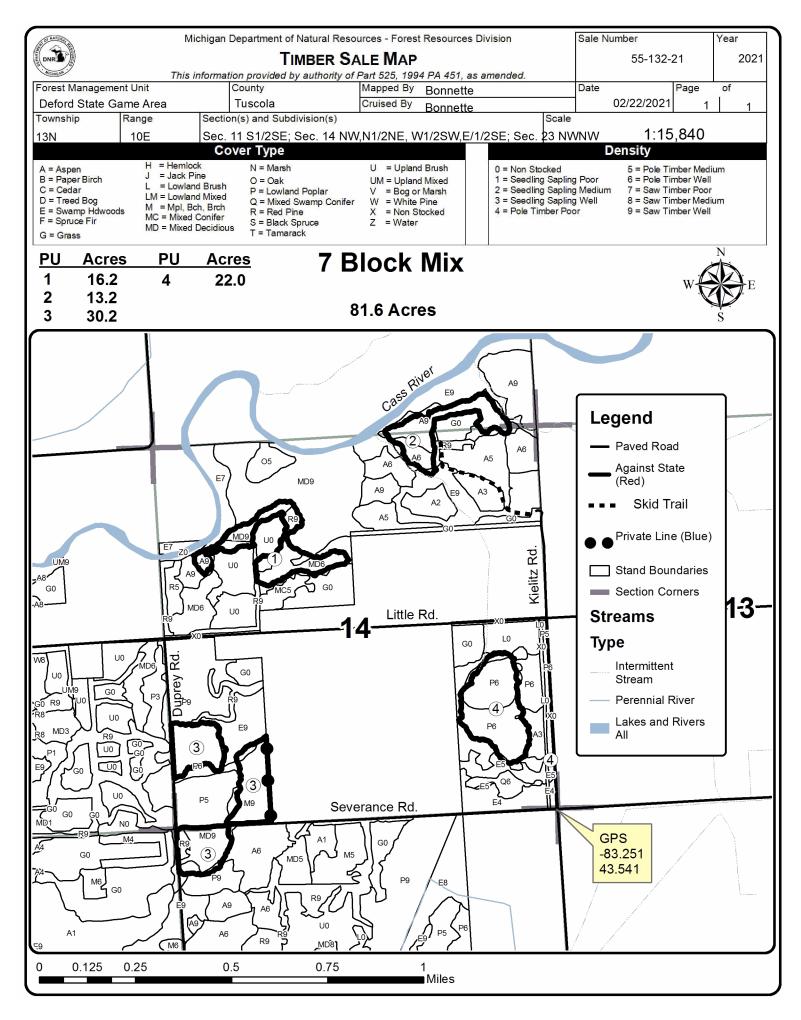
The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed as a State Game Area.

#### 99 - Unique

### SKIP

### 99.1 - Unique Sale Condition (5/19)

No operating feller bunchers in any Payment Unit before 7 AM and after 9 PM daily. This is required due to the close proximity of residences to the Sale Area.



## TIMBER SALE INFORMATION

#### Minden 4 block Aspen (55-133-21)

T13N, R14E, SEC. 4; T13N, R14E, SEC. 5; T13N, R14E, SEC. 8; T13N, R14E, SEC. 9.

Sanilac County (Advertised Price \$25,688.35)

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

Access may be through other public land.

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

PRODUCTS & SPECIES	ESTIMATE	<u>ED UNITS*</u>	ADVE	RTISED PRICE
Sawtimber				
Black Cherry	34.5	MBF	\$	69.00 / MBF
Green Ash	5.8	MBF	\$	26.00 / MBF
Mixed Aspen	438.9	MBF	\$	28.00 / MBF
Paper Birch	4.7	MBF	\$	27.00 / MBF
Red Maple	33.0	MBF	\$	30.00 / MBF
Pulpwood				
Mixed Aspen	683	Cords	\$	10.45 / Cord
Mixed Hardwood	297	Cords	\$	8.80 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 9.96 percent. There are an estimated 1,899 cords on this timber sale, plus or minus 189 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,284.00 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:

IT NUMBER	PERCENT OF TOTAL SALE VALUE
01	31.8%
02	38.5%
03	29.7%

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

5. Operations on the contract issued will terminate on 12/31/2023.

#### SALE STATISTICS

PAYMENT UNIT

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 COR	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
149,999	1,899	9.96%	1,709	2,088

#### **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
241	48,294	611	22.62%	473	750
245	64,847	821	15.14%	697	945
282	46,026	583	14.53%	498	667
TOTAL:	159,168	2,015		1,668	2,362

#### 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
241	14.7	1	14.7
245	21.3	2	21.3
282	19.6	3	19.6
TOTAL:	55.6		55.6

# DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Black Cherry	Sawtimber	27.6	MBF	14.7	\$8,158.45	
	Mixed Aspen		84.8	MBF			
	B. T. Aspen		81.9	MBF			
	Cottonwood		2.9	MBF			
	Red Maple		3.5	MBF			
	Mixed Aspen	Pulpwood	261	Cords			
	B. T. Aspen		188	Cords			
	Cottonwood		6	Cords			
	Quaking Aspen		67	Cords			
	Mixed Hardwood		119	Cords			
	American Elm		17	Cords			
	Black Cherry		85	Cords			
	Green Ash		13	Cords			
	Red Maple		1	Cords			
	Willow		3	Cords			
2	Mixed Aspen	Sawtimber	184.5	MBF	21.3	\$9,909.50	
2	Cottonwood	Cawamber	8.0	MBF	21.0	ψ0,000.00	
	Quaking Aspen		176.5	MBF			
	Red Maple		17.5	MBF			
	Mixed Aspen	Pulpwood	338	Cords			
	Cottonwood		3	Cords			
	Quaking Aspen		335	Cords			
	Mixed Hardwood		78	Cords			
	American Elm		78	Cords			
	Black Cherry		9	Cords			
	Green Ash		9	Cords			
	Paper Birch		9 10	Cords			
	Red Maple		43	Cords			
3	Black Cherry	Sawtimber	6.9	MBF	19.6	\$7,620.40	
0	Green Ash	Gawaniber	5.8	MBF	15.0	ψ1,020.40	
	Mixed Aspen		169.6	MBF			
	B. T. Aspen		72.7	MBF			
	Quaking Aspen		96.9	MBF			
	Paper Birch		90.9 4.7	MBF			
	Red Maple		4.7	MBF			
	Mixed Aspen	Pulpwood	84	Cords			
	B. T. Aspen		35	Cords			
	Quaking Aspen		49	Cords			
	Mixed Hardwood		100	Cords			
	American Elm		5	Cords			
	Black Cherry		32	Cords			
	Green Ash		32 21	Cords			
	Paper Birch		6	Cords			
	Red Maple		36	Cords			
TOTAL: 516.9 MBF							
	TOTAL: 980 Cords						

#### Sale Specific Conditions & Requirements

#### Sale Name: Minden 4 block Aspen

Sale Number: 55-133-21 Seq#: 1

#### 1 - Sale Area

#### 1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected.

#### 2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-3, cut all trees that are two (2) inches or more at DBH, except oak, hemlock, white pine, hickory, and trees marked with green paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

#### 2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

2.2.4 - Skidding length (2/14)Skidding of unlimbed tops is not permissible.

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 1-3, chipping of the bole, 2-inches in diameter or greater, is allowed. Chipping of limbs or portions of the tree less than 2-inches in diameter is not permitted. Limbs and the remaining top must be left on site and scattered.

#### 3 - Payments

- 3.4 Damaged Timber
  - 3.4.2 Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are oak, hickory, white pine, cedar, hemlock, and trees marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

3.6 - Payment Unit Cutting Schedule

3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened. The Purchaser must give a one week notice before finishing a Payment Unit to allow for inspection.

#### 4 - Transportation

#### 4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

### 4.1.5 - Culverts (5/14)

A culvert will be necessary to access the north portion of Payment Unit 2. A DNR owned culvert and fill are located on site in the designated parking area at this location. It is the responsibility of the Purchaser to install the culvert to access the Payment Unit. At the Unit Managers discretion, the Purchaser may be responsible for removing the culvert at the conclusion of operations. See sale administrator for details.

### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary driveway permits that may be required.

### 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

### 4.2.4 - Grading (10/16)

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

### 4.4 - Access

### 4.4.4 - Restricted access (10/05)

Any vehicle barriers (gates, guard rail, berms etc.) removed during the course of operations shall be replaced in their original location and in their original condition. Any damage to gates, guard rail or vehicle barriers is the responsibility of the Purchaser.

### 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 skid trail locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

#### 5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)No slash or tree tops may exceed 24 inches in height.

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

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

### 5.2.2 - Hazard Trees/Snags

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

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard. All standing dead trees (snags) shall be protected and left standing unless they are a safety hazard.

### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-3 cutting, skidding, and hauling are not permitted during the period of March 15 to July 1. Additionally, operations are limited to dry or frozen ground conditions at any other time. This restriction is intended to reduce the risk of rutting due to poorly drained soils throughout the sale.

### 5.2.3.12 - Hunting operating restriction (1/18)

No Payment Unit may be started during the period of September 25 - October 10 or November 1 - November 30 without permission of the Unit Manager or his/her representative.

### 5.2.31 - Landing locations (9/13)

The location of landings will be determined in the pre-sale conference. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 50-foot trailer.

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.

#### 5.2.37 - No decking areas (12/08)

No decking is allowed in any designated parking area. Additionally, no equipment storage is allowed in any designated parking area.

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

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

### 5.4 - Soil Protection

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

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

#### 5.8 - Protection of Endangered Species

### 5.8.5 - Protection of raptor nests (3/13)

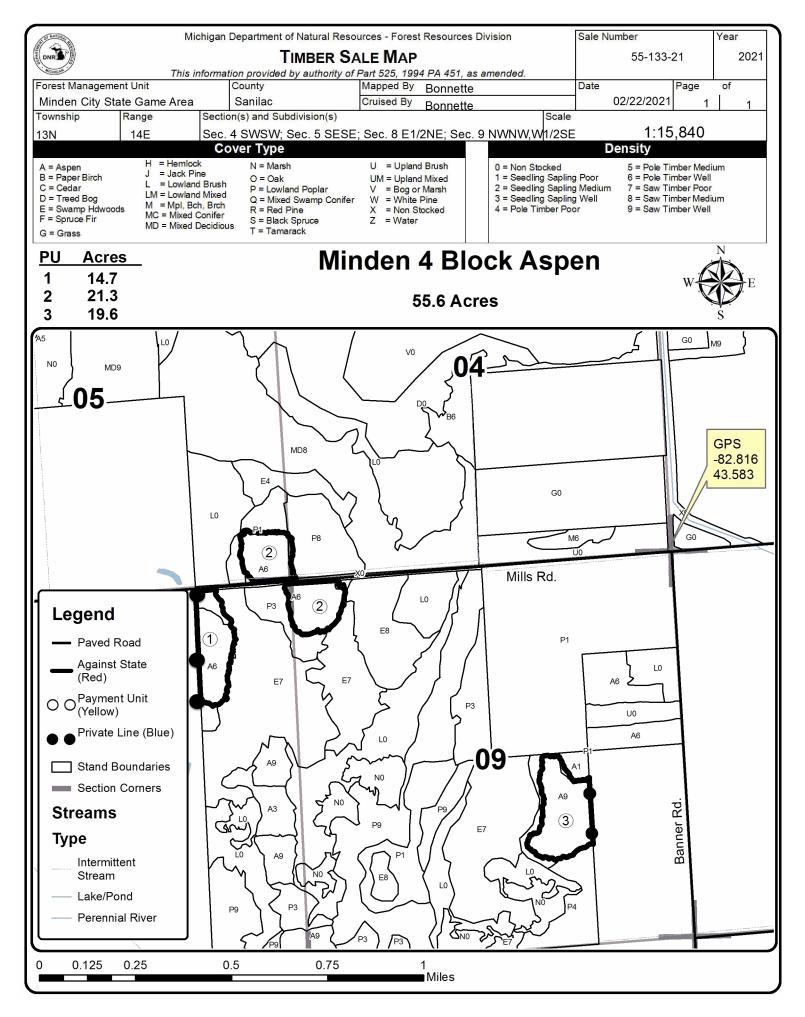
All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

#### 7 - Other Conditions

#### 7.10 - Certified Timber

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

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed as a State Game Area.



### TIMBER SALE INFORMATION

#### Ryan Ridges Mix (55-134-21)

T12N, R09E, SEC. 14; T12N, R09E, SEC. 23; T12N, R09E, SEC. 24; T12N, R09E, SEC. 26.

Tuscola County (Advertised Price \$53,576.70)

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 may be through other public land.

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

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	ADVE	RTISED PRICE
Sawtimber				
Black Cherry	2.2	MBF	\$	69.00 / MBF
Green Ash	3.7	MBF	\$	26.00 / MBF
Mixed Aspen	564.4	MBF	\$	28.00 / MBF
Paper Birch	3.9	MBF	\$	27.00 / MBF
Red Maple	277.2	MBF	\$	30.00 / MBF
Red Pine	108.8	MBF	\$	39.00 / MBF
Sugar Maple	11.5	MBF	\$	69.00 / MBF
Pulpwood				
Jack Pine	266	Cords	\$	7.45 / Cord
Mixed Aspen	838	Cords	\$	10.45 / Cord
Mixed Hardwood	1,099	Cords	\$	8.80 / Cord
Red Pine	190	Cords	\$	19.25 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.95 percent. There are an estimated 4,741 cords on this timber sale, plus or minus 330 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

#### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$2,679.00 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:

PERCENT OF TOTAL SALE VALUE
22.7%
16.0%
17.3%
11.0%
13.9%
19.1%

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

5. Operations on the contract issued will terminate on 12/31/2023.

#### SALE STATISTICS

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

#### SALE VOLUMES

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

VOLUME			STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
374,506	4,741	6.95%	4,411	5,070

#### **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
5	42,007	532	21.91%	415	648
11	36,293	459	20.45%	365	553
17	59,181	749	10.80%	668	830
43	33,916	429	33.45%	286	573
63	53,053	672	16.42%	561	782
137	14,303	181	27.68%	131	231
142	11,050	140	39.74%	84	195
146	21,608	274	23.40%	210	338
147	12,934	164	5.25%	155	172
148	19,045	241	31.62%	165	317
150	14,472	183	43.56%	103	263
151	24,714	313	27.22%	228	398
TOTAL:	342,575	4,336		3,372	5,301

#### 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
5	12.3	1	12.3
11	13.1	1	13.1
17	19.9	2	19.9
43	13.3	3	13.3
63	15.1	6	15.1
137	5.3	5	5.3
142	4.8	6	4.8
146	10.0	5	10.0
147	5.4	5	5.4
148	8.8	4	8.8
150	5.6	4	5.6
151	10.8	3	10.8
TOTAL:	124.4		124.4

# DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

			( - )			
PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	173.6	MBF	25.4	\$12,178.35
	B. T. Aspen		173.6	MBF		
	Red Maple		82.6	MBF		
	Sugar Maple		7.0	MBF		
	Mixed Aspen	Pulpwood	171	Cords		
	B. T. Aspen		171	Cords		
	Mixed Hardwood		292	Cords		
	Paper Birch		22	Cords		
	Red Maple		266	Cords		
	Sugar Maple		4	Cords		
2	Mixed Aspen	Sawtimber	83.8	MBF	19.9	\$8,566.80
	B. T. Aspen		83.8	MBF		
	Red Maple		66.4	MBF		
	Mixed Aspen	Pulpwood	168	Cords		
	B. T. Aspen		168	Cords		
	Mixed Hardwood		281	Cords		
	Paper Birch		12	Cords		
	Red Maple		269	Cords		
3	Mixed Aspen	Sawtimber	74.7	MBF	24.1	\$9,270.55
	B. T. Aspen		63.2	MBF		
	Quaking Aspen		11.5	MBF		
	Red Pine		39.8	MBF		
	Jack Pine	Pulpwood	186	Cords		
	Mixed Aspen		62	Cords		
	B. T. Aspen		43	Cords		
	Quaking Aspen		19	Cords		
	Mixed Hardwood		148	Cords		
	Black Cherry		27	Cords		
	Paper Birch		28	Cords		
	Red Maple		93	Cords		
	Red Pine		119	Cords		
4	Paper Birch	Sawtimber	3.9	MBF	14.4	\$5,894.25
	Red Pine		69.0	MBF		
	Jack Pine	Pulpwood	80	Cords		
	Mixed Hardwood		129	Cords		
	Black Cherry		18	Cords		
	Paper Birch		5	Cords		
	Red Maple		106	Cords		
-	Red Pine	Counting to a m	71	Cords	00 7	M7 457 65
5	Black Cherry	Sawtimber	2.2	MBF	20.7	\$7,457.85
	Green Ash		3.7	MBF		
	Mixed Aspen		88.2	MBF		
	B. T. Aspen		32.4 55.9	MBF		
	Quaking Aspen		55.8 54.7	MBF		
	Red Maple	Pulpwood	54.7 177	MBF		
	Mixed Aspen	Pulpwood	96	Cords		
	B. T. Aspen		96 81	Cords		
	Quaking Aspen Mixed Hardwood		87 142	Cords		
				Cords		
	Black Cherry Green Ash		9	Cords Cords		
			4	Cords Cords		
	Paper Birch Red Maple		8 121	Cords Cords		
<u> </u>		Courtingham			40.0	#40.000.00
6	Mixed Aspen	Sawtimber	144.1	MBF	19.9	\$10,208.90
	B. T. Aspen		144.1 72 5	MBF		
	Red Maple		73.5	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Sugar Maple	Sawtimber	4.5	MBF		
	Mixed Aspen	Pulpwood	260	Cords		
	B. T. Aspen		260	Cords		
	Mixed Hardwood		107	Cords		
	Red Maple		100	Cords		
	Sugar Maple		7	Cords		
		TOTAL:	971.7	MBF		
		TOTAL:	2,393	Cords		

### Sale Specific Conditions & Requirements

### Sale Name: Ryan Ridges Mix

Sale Number: 55-134-21 Seq#: 1

### 1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected.

## 2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-6, cut all red pine marked with orange or yellow paint and all other trees that are two (2) inches or more at DBH, except oak, hickory, white pine, white spruce, un-marked red pine, apple, cedar, hemlock, and trees marked with green paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

### 2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

2.2.4 - Skidding length (2/14) Skidding of unlimbed tops is not permissible.

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 1-6, chipping of the bole, 2-inches in diameter or greater, is allowed. Chipping of limbs or portions of the tree less than 2-inches in diameter is not permitted. Limbs and the remaining top must be left on site and scattered.

## 3 - Payments

- 3.4 Damaged Timber
  - 3.4.2 Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are oak, hickory, white pine, un-marked red pine, apple, cedar, hemlock, and trees marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

## 3.6 - Payment Unit Cutting Schedule

3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened. The Purchaser must give a one week notice before finishing a Payment Unit to allow for inspection.

## 4 - Transportation

4.1 - Construction

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

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

### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary road or highway permits that may be required.

## 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

## 4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 30 days of completion of hauling, or if no hauling occurs for 30 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.

## 4.2.4 - Grading (10/16)

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

### 4.4 - Access

## 4.4.3 - Access gate (12/08)

Any access gate used to access any Payment Unit must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative.

## 4.4.4 - Restricted access (10/05)

Access for Payment Unit 1 will be through the Tuscola County Road Commission equipment storage yard on the east side of M24. Contact sale administrator for details at least 10 days prior to the start of operations to arrange for access. In all Payment Units, any vehicle barriers (gates, guard rail, berms, posts etc.) removed during operations shall be replaced in their original location and in their original condition. Any damage to gates, guard rail or vehicle barriers is the responsibility of the Purchaser.

## 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 skid trail locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations. Contact Thumb Electric Cooperative at (800) 327-0166 or email tec@tecmi.coop.

### 5.2 - Conduct of Operations

## 5.2.1 - Slash

5.2.1.8 - Slash height (12/08) No slash or tree tops may exceed 24 inches in height.

### 5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in any wildlife opening which is indicated by G0 or U0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

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

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

## 5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard. All standing dead trees (snags) shall be left standing unless they pose a safety hazard.

## 5.2.3 - Operating Restrictions

## 5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 4 and 5, cutting, skidding, and hauling are restricted to dry or frozen ground conditions only. This restriction is due to poorly drained soils within these Payment Units.

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

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

## 5.2.3.12 - Hunting operating restriction (1/18)

No Payment Unit may be started during the period of September 25 - October 10 or November 1 - November 30 without permission of the Unit Manager or his/her representative.

## 5.2.31 - Landing locations (9/13)

Landing area locations will be determined in the pre-sale conference. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 50-foot trailer.

## 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.

### 5.2.37 - No decking areas (12/08)

No decking is allowed in any designated parking area. No equipment storage is allowed in any designated parking area.

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

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

### 5.4 - Soil Protection

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

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

### 5.7 - Protection of Historical Sites

## 5.7.2 - Potential historical site(s) (9/06)

The State Historic Preservation Office has identified the potential for a historic site within the boundary of this timber sale. Note that if the site is discovered during operations, General Condition and Requirement 5.7 - Protection of Historical Sites will apply.

### 5.8 - Protection of Endangered Species

## 5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

### 7 - Other Conditions

## 7.10 - Certified Timber

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

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the

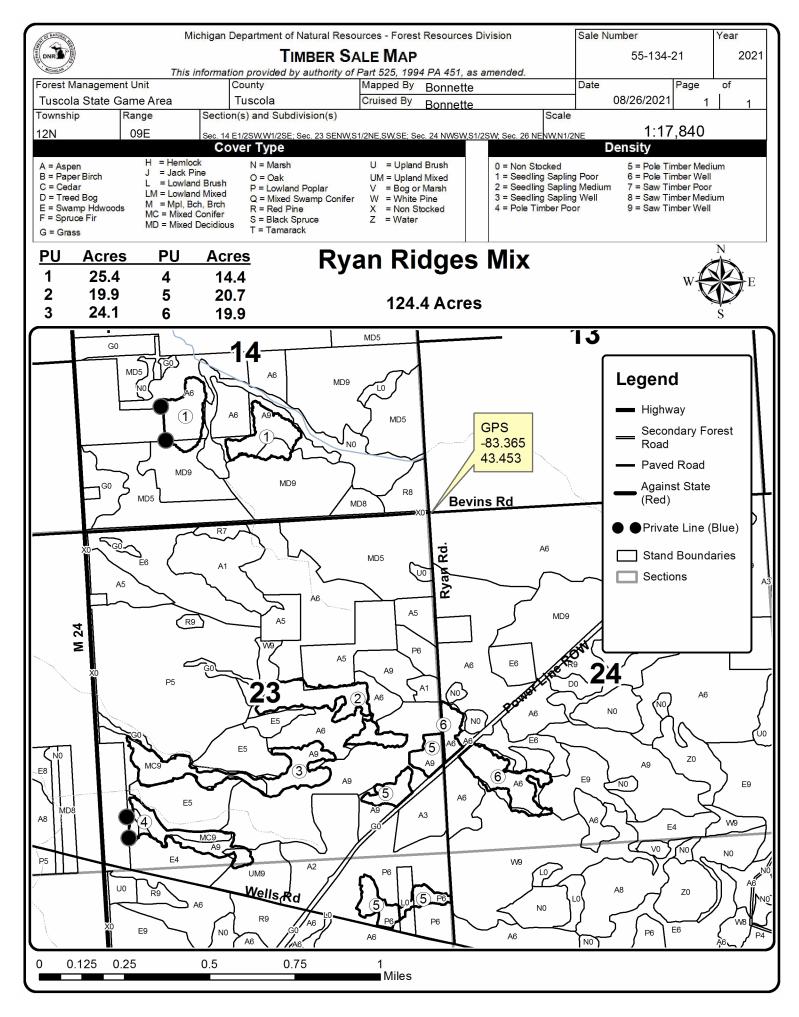
Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed as a State Game Area.

### 99 - Unique

SKIP

99.1 - Unique Sale Condition (5/19)

Per Indianfields Township ordinance, no operating feller bunchers in any Payment Unit before 7 AM and after 9 PM daily. This is required due to the close proximity of residences to the Sale Area.



## TIMBER SALE INFORMATION

#### Beaver Dam Aspen (55-135-21)

T13N, R13E, SEC. 1; T13N, R14E, SEC. 6; T14N, R13E, SEC. 36; T14N, R14E, SEC. 31. Sanilac County (Advertised Price \$36,576.80)

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 may be through other public land.

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

PRODUCTS & SPECIES	ESTIMATED UNITS*		ADVE	ADVERTISED PRICE	
Sawtimber					
Black Cherry	48.5	MBF	\$	69.00 / MBF	
Green Ash	9.7	MBF	\$	26.00 / MBF	
Mixed Aspen	504.5	MBF	\$	28.00 / MBF	
Red Maple	117.6	MBF	\$	30.00 / MBF	
Pulpwood					
Mixed Aspen	802	Cords	\$	10.45 / Cord	
Mixed Hardwood	789	Cords	\$	8.80 / Cord	

\* The total volume is statistically estimated within plus (+) or minus (-) 8.12 percent. There are an estimated 3,014 cords on this timber sale, plus or minus 245 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,829.00 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

II NUMBER	PERCENT OF TOTAL SALE
01	13.1%
02	15.5%
03	21.9%
04	18.0%
05	31.5%

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

5. Operations on the contract issued will terminate on 12/31/2023.

### SALE STATISTICS

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

#### SALE VOLUMES

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

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM	
238,075	3,014	8.12%	2,769	3,258

#### **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 I	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
44	40,878	517	22.94%	399	636
45	44,551	564	13.94%	485	643
96	30,718	389	12.20%	341	436
110	38,494	487	12.53%	426	548
141	78,783	997	17.65%	821	1,173
TOTAL:	233,424	2,955		2,473	3,437

#### 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
44	10.1	4	10.1
45	10.7	3	10.7
96	7.3	1	7.3
110	9.0	2	9.0
141	19.3	5	19.3
TOTAL:	56.4		56.4

# DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	10.0	MBF	7.3	\$4,792.60
	-	Sawumber	10.0 56.0	MBF	1.3	\$4,792.00
	Mixed Aspen			MBF		
	B. T. Aspen		56.0			
	Red Maple	Deducerad	10.2	MBF		
	Mixed Aspen	Pulpwood	92	Cords		
	B. T. Aspen		18	Cords		
	Quaking Aspen		74	Cords		
	Mixed Hardwood		144	Cords		
	Basswood		11	Cords		
	Black Cherry		17	Cords		
	Green Ash		3	Cords		
	Paper Birch		39	Cords		
	Red Maple		74	Cords		
2	Green Ash	Sawtimber	9.7	MBF	9.0	\$5,673.70
	Mixed Aspen		64.7	MBF		
	Quaking Aspen		64.7	MBF		
	Red Maple		35.3	MBF		
	Mixed Aspen	Pulpwood	122	Cords		
	Quaking Aspen		122	Cords		
	Mixed Hardwood		145	Cords		
	American Elm		11	Cords		
	Black Cherry		27	Cords		
	Green Ash		22	Cords		
	Red Maple		85	Cords		
3	Black Cherry	Sawtimber	26.0	MBF	10.7	\$8,014.35
	Mixed Aspen		116.3	MBF		
	B. T. Aspen		88.9	MBF		
	Cottonwood		7.3	MBF		
	Quaking Aspen		20.1	MBF		
	Red Maple		22.0	MBF		
	Mixed Aspen	Pulpwood	143	Cords		
	B. T. Aspen		113	Cords		
	Cottonwood		5	Cords		
	Quaking Aspen		25	Cords		
	Mixed Hardwood		92	Cords		
	Black Cherry		8	Cords		
	Green Ash		15	Cords		
	Red Maple		69	Cords		
4	Black Cherry	Sawtimber	12.5	MBF	10.1	\$6,572.15
	Mixed Aspen		112.4	MBF		
	B. T. Aspen		112.4	MBF		
	Red Maple		4.4	MBF		
	Mixed Aspen	Pulpwood	97	Cords		
	B. T. Aspen		97	Cords		
	Mixed Hardwood		161	Cords		
	Black Cherry		64	Cords		
	Paper Birch		27	Cords		
	Red Maple		70	Cords		
5	Mixed Aspen	Sawtimber	155.1	MBF	19.3	\$11,524.00
	B. T. Aspen		71.5	MBF		
	,		4.5	MBF		
	Cottonwood					
	Cottonwood Quaking Aspen		79.1	MBF		
				<i>MBF</i> MBF		
	<i>Quaking Aspen</i> Red Maple	Pulpwood	79.1	MBF		
	Quaking Aspen	Pulpwood	79.1 45.7			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Quaking Aspen	Pulpwood	166	Cords		
	Mixed Hardwood		247	Cords		
	Black Cherry		67	Cords		
	Green Ash		25	Cords		
	Paper Birch		15	Cords		
	Red Maple		140	Cords		
		TOTAL:	680.3	MBF		
		TOTAL:	1,591	Cords		

### Sale Specific Conditions & Requirements

### Sale Name: Beaver Dam Aspen

Sale Number: 55-135-21 Seq#: 1

### 1 - Sale Area

## 1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

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

## 2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-5, cut all trees that are two (2) inches or more at DBH, except oak, apple, hickory, hemlock, white pine, and trees marked with green paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

### 2.2 - Utilization

2.2.3 - Stump heights (4/07) Stump heights within the Sale Area shall not exceed 6 inches for all trees.

2.2.4 - Skidding length (2/14) Skidding of unlimbed tops is not permissible.

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 1-5, chipping of the bole, 2-inches in diameter or greater, is allowed. Chipping of limbs or portions of the tree less than 2-inches in diameter is not permitted. Limbs and the remaining top must be left on site and scattered.

### 3 - Payments

### 3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are oak, apple, hickory, hemlock, white pine, and trees marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

3.6 - Payment Unit Cutting Schedule

3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened. The Purchaser must give a one week notice before finishing a Payment Unit to allow for inspection.

### 4 - Transportation

4.1 - Construction

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

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

4.1.12 - 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

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

The following road maintenance is required: Within 30 days of completion of hauling, or if no hauling occurs for 30 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.

## 4.2.4 - Grading (10/16)

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

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

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

### 4.4 - Access

4.4.3 - Access gate (12/08)

The access gate at the end of Reinelt Road must be locked at the completion of each day.

#### 4.4.4 - Restricted access (10/05)

Any vehicle barriers (gates, guard rail, berms etc.) removed during the course of operations shall be replaced in their original location and in their original condition. Any damage to gates, guard rail or vehicle barriers is the responsibility of the Purchaser.

#### 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 skid trail locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

#### 5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08) No slash or tree tops may exceed 24 inches in height.

### 5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in any maintained wildlife opening which is indicated by G0 or U0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

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

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

#### 5.2.2 - Hazard Trees/Snags

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

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard. All standing dead trees (snags) shall be protected and left standing unless they are a safety hazard.

### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-5 cutting, skidding, and hauling are not permitted during the period of March 15 to July 1. All operations are limited to dry or frozen ground conditions at any other time. This restriction is necessary to protect the

road network and reduce the risk of rutting due to poorly drained soils throughout the Sale Area.

## 5.2.3.12 - Hunting operating restriction (1/18)

No Payment Unit may be started during the period of September 25 - October 10 or November 1 - November 30 without permission of the Unit Manager or his/her representative.

## 5.2.31 - Landing locations (9/13)

The location of landings will be determined in the pre-sale conference. Landings must be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 50-foot trailer.

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

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

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

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

## 5.4 - Soil Protection

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

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

## 5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the beaver pond. The beaver dam may not be removed or disturbed during harvesting operations. All equipment, trees and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

### 5.8 - Protection of Endangered Species

## 5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

## 7 - Other Conditions

### 7.2 - Extensions

## 7.2.5 - Weather related extension (1/13)

If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.

### 7.5 - Loss

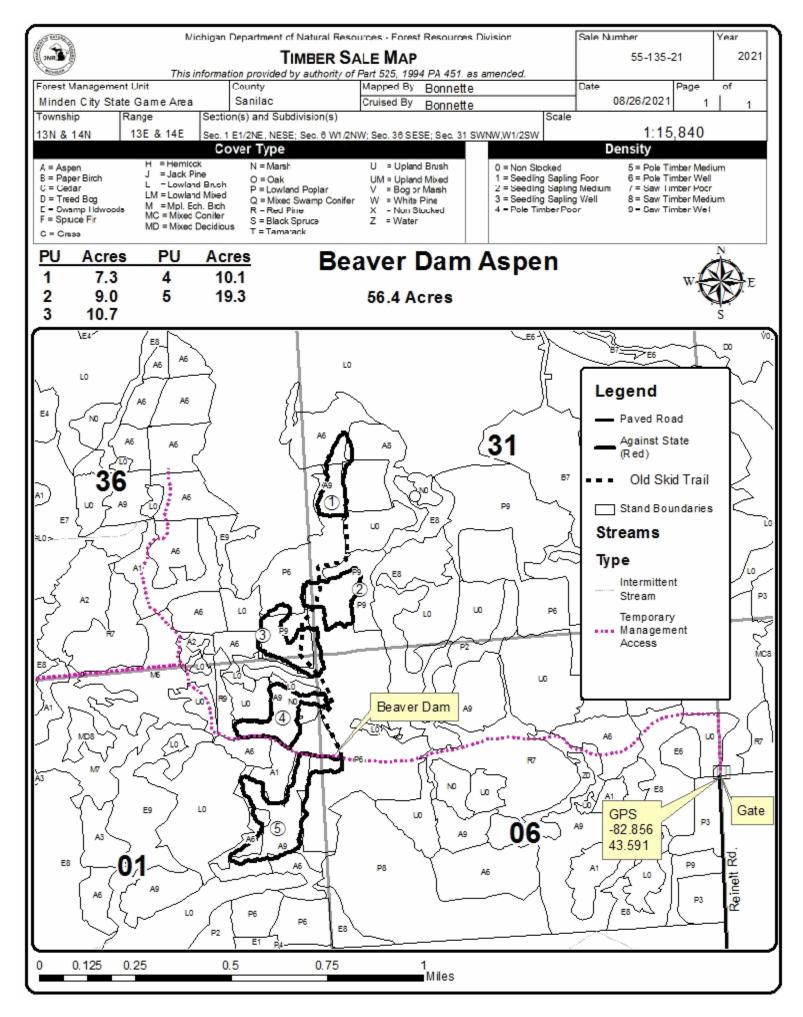
## 7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from beavers; particularly in Payment Units 3, 4, and 5. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.

## 7.10 - Certified Timber

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

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed as a State Game Area.



## TIMBER SALE INFORMATION

#### Verona Maple Mix (55-136-21)

# T15N, R14E, SEC. 4; T15N, R14E, SEC. 5; T16N, R14E, SEC. 28.

Huron County (Advertised Price \$33,330.55)

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 may be through other public land.

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

PRODUCTS & SPECIES	ESTIMATED UNITS*		ADVE	RTISED PRICE
Sawtimber				
American Elm	31.2	MBF	\$	26.00 / MBF
Basswood	3.4	MBF	\$	29.00 / MBF
Green Ash	14.9	MBF	\$	25.00 / MBF
Mixed Aspen	105.1	MBF	\$	26.00 / MBF
Paper Birch	22.8	MBF	\$	26.00 / MBF
Silver Maple	560.6	MBF	\$	27.00 / MBF
Pulpwood				
Mixed Aspen	193	Cords	\$	8.25 / Cord
Mixed Hardwood	264	Cords	\$	8.80 / Cord
Silver Maple	1,256	Cords	\$	7.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 7.38 percent. There are an estimated 3,339 cords on this timber sale, plus or minus 247 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

### BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$1,667.00 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	10.9%
02	12.7%
03	6.1%
04	25.3%
05	23.3%
06	21.7%

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

5. Operations on the contract issued will terminate on 12/31/2023.

### SALE STATISTICS

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

#### SALE VOLUMES

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

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM MAXIMUM	
263,767	3,339	7.38%	3,092	3,585

### **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
297	59,064	748	10.84%	667	829
369	176,887	2,239	9.15%	2,034	2,444
411	16,073	203	43.22%	116	291
TOTAL:	252,023	3,190		2,816	3,564

### 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
297	37.3	1	17.2
		2	20.1
369	73.9	4	26.6
		5	24.5
		6	22.8
411	10.7	3	10.7
TOTAL:	121.9		121.9

# DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

1     American Elm Basswood     Sawtimber     6.1     MBF     17.2     \$3,       Mixed Aspen Cottonwood Quaking Aspen     45.5     MBF     MBF     MBF       Paper Birch Silver Maple     14.1     MBF     MBF       Mixed Aspen     14.9     MBF       Mixed Aspen     42     Cords       Quaking Aspen     42     Cords       Quaking Aspen     42     Cords       Mixed Hardwood     88     Cords       Basswood     1     Cords       Basswood     12     Cords       Basswood     18     MBF       Mixed Aspen     53.2     MBF       Cottonwood     36.8     MBF       Quaking Aspen     53.2     MBF       Cords     Sawtimber     7.3     MBF       Silver Maple     39     Cords     Sawtimber       American Elm     Sawtimber     7.3     MBF       Quaking Aspen     16.4     MBF     MBF       Quaking Aspen     7     Cords     Sales       Quaking Aspen     7     Cords     Saleam Poplar							
Basswood   1.6   MBF     Mixed Aspen   45.5   MBF     Cottonwood   31.4   MBF     Quaking Aspen   10.5   MBF     Silver Maple   14.9   MBF     Mixed Aspen   Pulpwood   61   Cords     Gottonwood   16   Cords   Gords     Quaking Aspen   42   Cords     Mixed Aspen   42   Cords     Mixed Hardwood   88   Cords     Basswood   1   Cords     Basswood   1.8   MBF     Quaking Aspen   53.2   MBF     Cottonwood   36.8   MBF     Quaking Aspen   12.3   MBF     Quaking Aspen   12.3   MBF     Quaking Aspen   47   Cords     Quaking Aspen   20   Gords     Basswood   18   Cords     Green Ash   36   Cords     Basswood   2   Cords	JN	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
Basswood   1.6   MBF     Mixed Aspen   45.5   MBF     Cottonwood   37.4   MBF     Quaking Aspen   10.5   MBF     Daper Birch   10.5   MBF     Silver Maple   14.9   MBF     Mixed Aspen   Pulpwood   61   Cords     Cottonwood   16   Cords   Cords     Quaking Aspen   42   Cords     Mixed Hardwood   88   Cords     Basswood   1   Cords     Basswood   18   MBF     Silver Maple   39   Cords     Basswood   1.8   MBF     Quaking Aspen   53.2   MBF     Cottonwood   36.8   MBF     Quaking Aspen   12.3   MBF     Quaking Aspen   12.3   MBF     Quaking Aspen   14.4   MBF     Quaking Aspen   13   Cords     Quaking Aspen   2   Cords     Quaking Aspen   47   Cords     Basswood   2   Cords </td <td></td> <td>American Elm</td> <td>Sawtimber</td> <td>6.1</td> <td>MBF</td> <td>17.2</td> <td>\$3,641.25</td>		American Elm	Sawtimber	6.1	MBF	17.2	\$3,641.25
Cottonwood Quaking Aspen31.4MBF MBFPaper Birch Silver Maple14.1MBFMixed AspenPulpwood61CordsBalsam Popiar3CordsCottonwood16CordsQuaking Aspen42CordsMixed Hardwood88CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood18MBF12CordsSilver Maple39CordsQuaking Aspen63.2MBFQuaking Aspen16.4MBFQuaking Aspen16.4MBFQuaking Aspen16.4MBFQuaking Aspen16.4MBFQuaking Aspen16.4MBFQuaking Aspen17.4MBFMixed Aspen13CordsQuaking Aspen47CordsQuaking Aspen47CordsMixed Hardwood103CordsBasswood2CordsBasswood3CordsBasswood14CordsGreen Ash36CordsGreen Ash36CordsBasswood2CordsBasswood2CordsGreen Ash36CordsGreen Ash36CordsRed Maple100 <td>E</td> <td>Basswood</td> <td></td> <td>1.6</td> <td>MBF</td> <td></td> <td></td>	E	Basswood		1.6	MBF		
Cottonwood Quaking Aspen31.4MBF MBFPaper Birch Silver Maple14.1MBFMixed AspenPulpwood61CordsBalsam Popiar3CordsCottonwood16CordsQuaking Aspen42CordsMixed Hardwood88CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood18MBF12CordsSilver Maple39CordsQuaking Aspen63.2MBFQuaking Aspen16.4MBFQuaking Aspen16.4MBFQuaking Aspen16.4MBFQuaking Aspen16.4MBFQuaking Aspen16.4MBFQuaking Aspen17.4MBFMixed Aspen13CordsQuaking Aspen47CordsQuaking Aspen47CordsMixed Hardwood103CordsBasswood2CordsBasswood3CordsBasswood14CordsGreen Ash36CordsGreen Ash36CordsBasswood2CordsBasswood2CordsGreen Ash36CordsGreen Ash36CordsRed Maple100 <td>r</td> <td>Mixed Aspen</td> <td></td> <td>45.5</td> <td>MBF</td> <td></td> <td></td>	r	Mixed Aspen		45.5	MBF		
Quaking Aspen Paper Birch Sliver Maple14.1MBF 10.5Mixed Aspen Balsam Poplar10.4MBFCottonwood61CordsQuaking Aspen Quaking Aspen42CordsQuaking Aspen Mixed Hardwood88CordsAmerican Elm35CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsBasswood1CordsSilver Maple39CordsSilver Maple39CordsCottonwood36.8MBFQuaking Aspen68MBFCottonwood36.8MBFQuaking Aspen17.4MBFCottonwood18CordsQuaking Aspen17.4MBFCottonwood18CordsQuaking Aspen17.4MBFMixed Aspen17.4MBFQuaking Aspen17.4Mixed Hartwood13CordsAmerican Elm39CordsBaswood18CordsMixed Hartwood13CordsBaswood14CordsBaswood13CordsGreen Ash34CordsBaswood14CordsBaswood13CordsBaswood14CordsBaswood26CordsBaswood38Cords <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>		-					
Paper Birch Sliver MaplePulpwood10.5MBF 14.9Mixed Aspen Balsam PoplarPulpwood61CordsCottonwood Quaking Aspen42CordsMixed Hardwood88CordsAmerican Elm35CordsBasswood1CordsBilack Cherry7CordsGreen Ash31CordsPaper Birch12CordsSilver Maple39CordsSilver Maple39CordsAmerican ElmSawtimber7.3Mixed Aspen53.2MBFCottonwood68CordsQuaking Aspen53.2MBFCottonwood36.8MBFQuaking Aspen11.3MBFCottonwood68CordsBalsam Poplar12.3MBFCottonwood16CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBalsam Poplar13CordsCottonwood16CordsGreen Ash36CordsBalsck Cherry9CordsGreen Ash36CordsBalsk Pople17.4MBFMixed Hardwood103CordsAmerican Elm390CordsGreen Ash36CordsSilver MapleSawtimber39.0Black Cherry9CordsGreen Ash54MBFGreen Ash54 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Silver Maple       Pulpwood       61       Cords         Baisam Popin       3       Cords       Cords         Quaking Aspen       42       Cords       Cords         Quaking Aspen       42       Cords       Cords         Mixed Hardwood       88       Cords       Cords         American Elm       35       Cords       Cords         Basswood       1       Cords       Cords         Green Ash       31       Cords       Cords         Silver Maple       20       Cords       Cords         Silver Maple       39       Cords       State         Quaking Aspen       53.2       MBF       20.1       \$4,         Basswood       18.4       MBF       American Elm       Savenood       State       State         Quaking Aspen       11.2.3       MBF       20.1       \$4,         Bassmood       13       Cords       Gords       State       <							
Mixed Aspen Balsam Poplar CottonwoodPulpwood61Cords CordsMixed Hardwood American Elm38CordsBasswood1CordsBasswood1CordsBasswood1CordsBack Cherry7CordsGreen Ash31CordsRed Maple29CordsSilver Maple38MBFQuaking Aspen53.2MBFQuaking Aspen16.4MBFQuaking Aspen17.4MBFQuaking Aspen16.4MBFQuaking Aspen17.4MBFQuaking Aspen17.4MBFQuaking Aspen17.4MBFBasswood18CordsMixed Aspen17.4MBFBasswood18CordsMixed Aspen17.4MBFBalsam Popiar30CordsGreen Ash39CordsBalsam Popiar39CordsBalsam Popiar39CordsBalsam Popiar36CordsBalsam Popiar17.4MBFBalsam Popiar39CordsBalsam Popiar13CordsBalsam Popiar14CordsBalsam Popiar36CordsBalsam Popiar14CordsBalsam Popiar36CordsBalsam Popiar14CordsBalsam Popiar14CordsBalsam Popiar14CordsBalsam Popiar14Cords<		•					
Balsam Poplar     3     Cords       Cattonwood     16     Cords       Quaking Aspen     42     Cords       Mixed Hardwood     88     Cords       American Elm     35     Cords       Basswood     1     Cords       Basswood     1     Cords       Red Maple     20     Cords       Silver Maple     30     Cords       American Elm     Sawtimber     7.3       Basswood     18     MBF       Mixed Aspen     53.2     MBF       Cottonwood     36.8     MBF       Quaking Aspen     17.4     MBF       Paper Birch     12.3     MBF       Silver Maple     17.4     MBF       Mixed Aspen     17.4     MBF       Grading Aspen     47     Cords       Grading Aspen     17.4     MBF       Mixed Hardwood     103     Cords       American Elm     39     Cords       Basswood     2     Cords       Basswood     2     Cords       Basovod     2     Cords <td></td> <td></td> <td>Pulpwood</td> <td></td> <td></td> <td></td> <td></td>			Pulpwood				
Cottonwood Quaking Aspen16Cords CordsMixed Hardwood88CordsAmerican Elm35CordsBasswood1CordsBlack Cherry7CordsGreen Ash31CordsRed Maple2CordsSilver Maple39CordsQuaking Aspen18MBFCottonwood36.8MBFQuaking Aspen16.4MBFCottonwood36.8MBFQuaking Aspen11.4MBFSilver Maple11.7.4MBFSilver Maple11.7.4MBFMixed Aspen10.3CordsCottonwood18CordsQuaking Aspen47CordsCottonwood103CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBalsam Poplar31CordsGreen Ash36CordsBalsen Poplar33CordsGreen Ash36CordsBalsking Aspen47CordsGreen Ash36CordsBaswood2CordsGreen Ash36CordsBaswood2CordsAmerican Elm39.0Silver Maple30.0Silver Maple30.0Silver Maple120Silver Maple120Silver Maple176.1Mixed Hardwood2.3American Elm2.4<	.	-	i alpitood				
Quaking Aspen Mixed Hardwood42CordsMixed Hardwood88CordsAmerican Elm35CordsBlack Cherry7CordsGreen Ash31CordsPaper Birch12CordsSilver Maple39CordsCottonwood36.8MBFQuaking Aspen53.2MBFCottonwood36.8MBFQuaking Aspen11.4MBFCottonwood36.8MBFQuaking Aspen11.4MBFSilver Maple11.4MBFMixed AspenPulpwood68Cottonwood13CordsQuaking Aspen11.4MBFMixed AspenPulpwood68Gottonwood13CordsGeren Ash39CordsBalsam Popiar3CordsBalsam Popiar33CordsBalsam Popiar33CordsBalsam Popiar33CordsBalsam Popiar33CordsBalsam Popiar33CordsBalsam Popiar34CordsBaswood2CordsBaswood2CordsBaswood33CordsGreen Ash36CordsBaswood23CordsSilver Maple30.0MBFSilver Maple120Silver Maple2.3Silver Maple2.3Silver Maple2.3Silver Maple2.3Silver Maple		-		-			
Mixed Hardwood88CordsAmerican Elm35CordsBasswood1CordsBlack Chery7CordsGreen Ash31CordsPaper Birch12CordsRed Maple29CordsSilver Maple39CordsAmerican ElmSawtimber7.3Basswood18MBFMixed Aspen53.2MBFQuaking Aspen16.4Paper Birch12.3Silver Maple17.4Mixed AspenCordsPaper Birch12.3Balsam Poplar3Cottonwood18Cottonwood18Quaking Aspen47Mixed Hardwood103American Elm39CordsCordsBasswood2CordsGreen AshBasswood2Green Ash36CordsGreen AshBlack Cherry9CordsCordsBastwood120CordsCordsBastwood2.3Mixed Hardwood30.0American Elm39.0Bilver Maple120Silver Maple32.0Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.4Cottonwood <td< td=""><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></td<>				-			
American Elm Basswood35Cords CordsBlack Cherry7CordsBlack Cherry7CordsCreen Ash31CordsPaper Birch12CordsSilver Maple39CordsSilver Maple33CordsCottonwood36.8MBFQuaking Aspen16.4MBFCottonwood36.8MBFQuaking Aspen11.4MBFWixed Aspen12.3MBFSilver Maple17.4MBFWixed Aspen12.3MBFQuaking Aspen16.4MBFWixed Aspen10.3CordsQuaking Aspen10.3CordsQuaking Aspen10.3CordsQuaking Aspen10.3CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood3CordsBasswood2CordsBasswood3CordsBasswood3CordsBasswood2CordsBasswood3CordsBasswood3CordsBasswood3CordsBasswood3CordsBasswood3CordsBasswood3CordsBasswood3CordsBasswood3CordsBasswood3Cords <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
Basswood Black Cherry Green Ash1Cords CordsBasswood Red Maple31Cords2American Elm Cottonwood33Cords2American Elm CottonwoodSawtimber7.3MBF MBF2American Elm Cottonwood36.8MBF MBF2Cords36.8MBF MBF2Cords36.8MBF MBF2Cords36.8MBF MBF2Cords36.8MBF MBF2Cords3Cords3Silver Maple17.4MBFMixed Aspen Quaking Aspen47Cords4Maerican Elm Basswood39Cords3Black Cherry9Cords4Black Cherry9Cords4Black Cherry9Cords5Black Cherry9Cords6Green Ash36Cords7Silver Maple32Cords3Silver MapleSawtimber39.03Silver MapleSawtimber39.04American Elm6Cords4American Elm66Cords237Silver Maple238Green Ash348Cords9Cords239Cords9Cords9Cords9Cords9Cords9Cords9 <t< td=""><td>' '</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	' '						
Black Cherry Green Ash7CordsPaper Birch12CordsSilver Maple39Cords2American Elm BasswoodSawtimber7.3MBF20.1& Mareican Elm BasswoodSawtimber7.3MBF20.1& Mixed Aspen53.2MBFMBFCottonwood36.8MBFQuaking Aspen16.4MBFPaper Birch112.3MBFSilver Maple17.4MBFMixed AspenPulpwood68Cords3CordsBalsam Poplar3CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBaswood2CordsBaswood36CordsBaswood2CordsBaswood2CordsBaswood36CordsBaswood36CordsBaswood36CordsBaswood3CordsBaswood3CordsBaswood3CordsBaswood3CordsGreen Ash36CordsSilver Maple30.0MBFSilver Maple120CordsSilver Maple33CordsSilver Maple33CordsSilver Maple34MBFMixed Aspen2.3MBFMixed Aspen2.3MBFGreen Ash3.4Mixed Aspen							
Green Ash Paper Birch Red Maple31Cords Cords2American Elm BasswoodSawtimber7.3MBF20.1\$4,Basswood1.8MBF39Cords\$4,Mixed Aspen53.2MBF\$4,\$4,\$4,Cottonwood36.8MBF\$4,\$4,Quaking Aspen11.4MBF\$4,\$4,Paper Birch12.3MBF\$4,Silver Maple17.4MBFMixed AspenPulpwood68CordsQuaking AspenPulpwood68CordsQuaking Aspen477Cords\$4,Mixed Hardwood103Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood2Cords\$4,Basswood3Cords\$4,Basswood2Cords\$4,Basswood3Cords\$4,Basswood3Cords\$4,Basswood3Cords\$4,Basswood3Cords\$5,Silver MapleSawti							
Paper Birch Red Maple       12       Cords         Silver Maple       39       Cords         2       American Elm Basswood       Sawtimber       7.3       MBF       20.1       \$4, Basswood         Mixed Aspen Quaking Aspen       53.2       MBF       20.1       \$4, Basswood       36.8       MBF         Quaking Aspen Paper Birch Silver Maple       16.4       MBF       4       4         Mixed Aspen Balsam Poplar       12.3       MBF       4       4         Quaking Aspen Mixed Aspen       Pulpwood       68       Cords       4         Mixed Aspen Mixed Hardwood       103       Cords       4       4         Mixed Hardwood Basswood       2       Cords       4       4         Basswood       2       Cords       4       4         Basswood       2       Cords       4       5         Basswood       2       Cords       4       5       4         Basswood       2       Cords       4       5       4         Basswood       2       Cords       4       5       4       6       Cords		-		-			
Red Maple2CordsSliver Maple39Cords2American Elm BasswoodSawtimber7.3MBF MBF20.1\$4.Basswood1.8MBF53.2MBF53.2MBFCottonwood36.8MBF17.4MBF17.4MBFPaper Birch117.4MBF17.4MBF17.4MBFNixed AspenPulpwood68Cords2CordsBalsam Poplar3Cords2Cords3Cottonwood118Cords4Cords4Mixed Hardwood103Cords2Cords4Mixed Hardwood103Cords2Cords4Balsam Poplar39Cords454Mixed Hardwood103Cords2Cords4Basswood2Cords4Cords4Basswood2Cords454Baswood2Cords4Cords4Baswood2Cords4American Elm3CordsSilver MapleSawtimber39.0MBF10.7\$2.7Mixed Hardwood64MBF26.6\$8.7Silver Maple176.1MBF4Cords4Mixed Aspen2.3MBF4Cords5Cottonwood2.3MBF4Cords4Mixed Aspen2.3MBF4Cords<							
Silver Maple39Cords2American Elm BasswoodSawtimber7.3MBF MBF20.1\$4,Basswood1.8MBF MBF20.1\$4,Mixed Aspen53.2MBF Quaking Aspen16.4MBFQuaking Aspen16.4MBFPaper Birch12.3MBFSilver Maple17.4MBFMixed AspenPulpwood68Balsam Poplar3CordsCottonwood18CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBasswood2CordsGreen Ash36CordsSilver MapleSawtimber39.0Mixed Hardwood6CordsSilver MapleSawtimber39.0Mixed Hardwood120CordsSilver MapleSawtimber6.4Mixed Hardwood120CordsAmerican Elm6CordsSilver MapleSawtimber6.4Mixed Hardwood2.3Mixed Aspen2.3Cottonwood2.3Mixed Aspen2.3Cords2.4Crods Aspen2.3Mixed Aspen2.3Cottonwood2.3Silver Maple176.1Mixed Aspen2.3Cottonwood2.3Silver Maple176.1Mixed Aspen2.4Cottonwood		-					
2   American Elm Basswood   Sawtimber   7.3   MBF   20.1   \$4.     Basswood   1.8   MBF   53.2   MBF   53.2   MBF     Cottonwood   36.8   MBF   36.8   MBF   53.2   MBF     Quaking Aspen   12.3   MBF   17.4   MBF   53.2   MBF     Paper Birch   12.3   MBF   17.4   MBF   53.2   MBF     Silver Maple   17.4   MBF   68   Cords   53.2     Mixed Aspen   Pulpwood   68   Cords   66     Quaking Aspen   47   Cords   67     Quaking Aspen   47   Cords   67     Mixed Hardwood   103   Cords   6     Basswood   2   Cords   6     Basswood   2   Cords   6     Black Cherry   9   Cords   6     Basswood   2   Cords   7     Green Ash   36   Cords   7     Red Maple   3   Cords   7     Silver Maple   120   Cords   7     Silver Maple   120   Cords   7     Silver Maple   120   Cords   7 <td></td> <td>-</td> <td></td> <td>_</td> <td></td> <td></td> <td></td>		-		_			
Basswood1.8MBFMixed Aspen53.2MBFCottonwood36.8MBFQuaking Aspen16.4MBFPaper Birch12.3MBFSilver Maple17.4MBFMixed AspenPulpwood68Balsam Poplar3CordsCottonwood18CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBasswood2CordsBasswood3CordsBasswood3CordsBasswood3CordsBasswood2CordsBasswood3CordsBasswood3CordsBasswood2CordsBasswood3CordsBasswood3CordsBasswood2CordsBaster14CordsSilver Maple3CordsSilver Maple20CordsSilver Maple23MBFSilver Maple176.1MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.2CordsMixed Aspen2.2CordsMixed Aspen2.2CordsMixed Aspen2.2CordsMixed Aspen2.2CordsMixed Aspen			Countinghon			00.4	¢4,000,70
Mixed Aspen Cottonwood53.2MBF MBF MBFQuaking Aspen Paper Birch16.4MBFPaper Birch12.3MBFSilver Maple17.4MBFMixed AspenPulpwood68Balsam Poplar3CordsCottonwood18CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood3CordsBasswood2CordsBastorh36CordsBastorh36CordsBastorh36CordsBastorh14CordsBastorh36CordsBastorh14CordsPaper Birch14CordsSilver MapleSawtimber39.0Silver Maple26.6Silver Maple23Silver Maple23Silver Maple176.1Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.4Cottonwood2.3Mixed Aspen2.4Cottonwood2.3Mixed Aspen2.4Mixed Aspen2.2Cords2Mixed Aspen2.2Mixed Aspen2.2Mixed Aspen2.2Mixed Hardwood24 </td <td></td> <td></td> <td>Sawtimper</td> <td></td> <td></td> <td>20.1</td> <td>\$4,228.70</td>			Sawtimper			20.1	\$4,228.70
Cottonwood36.8MBFQuaking Aspen16.4MBFPaper Birch12.3MBFSilver Maple17.4MBFMixed AspenPulpwood68Balsam Poplar3CordsCottonwood18CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBaswood2CordsBaswood3CordsGreen Ash36CordsSilver Maple4CordsSilver Maple4CordsSilver Maple5CordsSilver Maple100CordsSilver Maple3CordsSilver Maple3CordsSilver Maple3CordsSilver Maple3CordsSilver Maple100\$2,000Green Ash6CordsSilver Maple120CordsSilver Maple2.3MBFSilver Maple2.3MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.2CordsCottonwood22CordsGrean Ash22CordsMixed Aspen22CordsMixed Aspen22CordsMixed Aspen24CordsMixed Aspen24CordsMixed Hardwood24Cor							
Quaking Aspen Paper Birch Silver Maple16.4MBF 12.3Mixed Aspen Balsam Poplar17.4MBFMixed Aspen Quaking Aspen17.4MBFMixed Hardwood18CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBalsa Moold2CordsBaswood2CordsBaswood2CordsBiack Cherry9CordsBack Cherry9CordsBiack Cherry33CordsSilver Maple35CordsSilver Maple39.0MBFSilver Maple30.0MBFSilver Maple30.0MBFSilver Maple39.0MBFSilver Maple39.0MBFSilver Maple39.0MBFSilver Maple10.7\$2;Mixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen2.3CordsMixed Aspen2.2CordsMixed Aspen2.2CordsMixed Aspen2.2CordsMixed Aspen2.2CordsMixed Aspen2.4CordsMixed Aspen2.4CordsMixed Aspen2.4CordsMixed Aspen2.4Cords	ľ	-					
Paper Birch Silver Maple12.3MBF MBFMixed AspenPulpwood68CordsBalsam Poplar3CordsCottonwood18CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood3CordsBasswood2CordsBasswood2CordsBasswood3CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood3CordsBasswood2CordsBasswood3CordsBasswood2CordsBasswood3CordsSilver Maple45CordsSilver Maple120CordsAmerican ElmSawtimber64MBFCottonwood2.3MBFMixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.2Mixed Aspen2.2Mixed Aspen2.2Mixed Aspen2.2Mixed Aspen2.2Mixed Aspen2.4Mixed Aspen2.4Mixed Aspen2.4Mixed Aspen2.4 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Silver Maple17.4MBFMixed AspenPulpwood68CordsBalsam Poplar3CordsCottonwood18CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood36CordsGreen Ash36CordsRed Maple3CordsSilver MapleSawtimber39.0Mixed HardwoodPulpwood6American Elm6CordsSilver Maple1120Silver Maple1200Green Ash5.4Mixed Aspen2.3Green Ash5.4Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.4Cottonwood1Mixed Aspen2.2Quaking Aspen2.2Mixed Aspen2.2Mixed Aspen2.2Mixed Hardwood2.4Mixed Aspen2.2Mixed Aspen2.4Mixed Aspen2.4 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Mixed Aspen Balsam Poplar CottonwoodPulpwood668CordsBalsam Poplar Cottonwood3CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBasswood2CordsBlack Cherry9CordsGreen Ash36CordsFreen Ash36CordsSilver Maple3CordsSilver MapleSawtimber39.0Silver MapleSawtimber39.0Silver MapleCordsSilver MapleSawtimberSilver MapleSawtimberSilver MapleSawtimberSilver MapleSawtimberSilver MapleSawtimberSilver MapleSawtimberSilver MapleSawtimberSilver MapleSawtimberSilver MapleSawtimberQuaking Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Aspen2.3Mixed Hardwood1Quaking Aspen22Mixed Hardwood24CordsCordsGreen Ash22Mixed Aspen22Mixed Aspen22Mixed Hardwood24Mixed Hardwood24Green Ash22Mixed Hardwood24<							
Balsam Poplar Cottonwood3CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood2CordsBasswood30CordsBasswood3CordsBasswood3CordsBasswood3CordsBasswood3CordsBasswood33CordsBasswood33CordsBasswood4CordsBasswood33CordsBasswood33CordsBasswood33CordsBasswood33CordsBasswood33CordsBasswood9CordsBasswood9CordsBasswood9CordsSilver Maple120CordsSilver Maple176.1MBFMixed Aspen2.3MBFMixed Aspen2.3MBFMixed Aspen176.1MBFMixed Aspen2.3CordsMixed Aspen2.2CordsMixed Hardwood24CordsQuaking Aspen22CordsMixed Hardwood24CordsMixed Hardwood34CordsMixed Hardwood34CordsMixed Hardwood34CordsBox Elder35CordsBox Eld		-					
Cottonwood18CordsQuaking Aspen47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBlack Cherry9CordsGreen Ash36CordsRed Maple3CordsSilver Maple45CordsSilver Maple100CordsSilver Maple120CordsSilver Maple120CordsSilver Maple120CordsSilver Maple2.3MBFSilver Maple120CordsSilver Maple120CordsSilver Maple120CordsSilver Maple120CordsSilver Maple176.1MBFMixed Aspen176.1MBFMixed Aspen23CordsCottonwood1CordsGrennacin Elm176.1MBFMixed Aspen176.1MBFMixed Aspen22CordsMixed Aspen14CordsMixed Aspen22CordsMixed Hardwood14CordsMixed Hardwood14CordsSilver Maple176.1MBFMixed Aspen14CordsMixed Hardwood14CordsMixed Hardwood14CordsSilver Maple176.1MBFSilver Maple176.1Silver Maple176.1Silver Maple14Cottonwood24 <td>ſ</td> <td>-</td> <td>Pulpwood</td> <td></td> <td></td> <td></td> <td></td>	ſ	-	Pulpwood				
Quaking Aspen Mixed Hardwood47CordsMixed Hardwood103CordsAmerican Elm39CordsBasswood2CordsBlack Cherry9CordsGreen Ash36CordsPaper Birch14CordsRed Maple3CordsSilver Maple45CordsSilver MapleSawtimber39.0MBFMixed HardwoodPulpwood6CordsAmerican ElmSawtimber39.0MBF10.7Silver MapleSawtimberCords				-			
Mixed Hardwood American Elm Basswood103Cords CordsBasswood2CordsBack Cherry9CordsGreen Ash Paper Birch Red Maple36CordsSilver Maple45CordsSilver MapleCordsCordsSilver MapleCordsCordsSilver MapleCordsCordsSilver MapleSawtimber39.0Mixed HardwoodPulpwood6American ElmCordsSilver Maple120Silver MapleSawtimberSilver Maple23.0Mixed AspenCottonwoodCottonwood2.3Silver Maple176.1Mixed AspenPulpwoodCottonwoodCordsQuaking Aspen22Mixed Hardwood1Mixed Hardwood24Cords24Cords24Cords24Cords24Cords24Silver Hardwood24Cords24Cords24Cords24Cords5Cords5Cords5							
American Elm Basswood39CordsBasswood2CordsBlack Cherry9CordsGreen Ash36CordsPaper Birch114CordsRed Maple3CordsSilver Maple45CordsMixed HardwoodPulpwood6CordsMixed Hardwood6CordsSilver Maple120CordsSilver Maple26.6\$8,Silver Maple5.4MBFMixed Aspen2.3MBFCottonwood2.3MBFSilver Maple176.1MBFSilver Maple176.1MBFMixed Aspen2.3CordsSilver Maple176.1MEFMixed Aspen2.3CordsMixed Aspen2.3CordsMixed Aspen2.2CordsMixed Aspen2.2CordsMixed Hardwood24CordsMixed Hardwood24CordsMixed Hardwood14CordsMixed Hardwood54CordsMixed Hardwood24CordsBox Elder54CordsBox Elder54CordsBox Elder54CordsBox Elder55CordsCords5CordsCords5Cords5Cords5Cords5Cords5Cords5Cords5Cords5 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
Basswood Black Cherry Green Ash2CordsGreen Ash36CordsPaper Birch114CordsRed Maple3CordsSilver Maple45CordsSilver Maple0MBF10.7Mixed HardwoodPulpwood6CordsAmerican Elm6Cords14Silver Maple120CordsSilver Maple120Cords14Silver Maple120Cords14Mixed Hardwood6.4MBF26.6Silver Maple2.3MBF10.7Green Ash5.4MBF26.6Mixed Aspen2.3MBFCottonwood2.3MBFSilver Maple176.1MBFMixed Aspen22CordsMixed Aspen22CordsMixed Aspen22CordsMixed Hardwood24CordsMixed Hardwood24CordsBox Elder54Cords	ſ						
Black Cherry Green Ash9Cords CordsPaper Birch14CordsPaper Birch14CordsRed Maple3CordsSilver MapleSawtimber39.0MBFMixed HardwoodPulpwood6CordsAmerican ElmSawtimber6CordsSilver MapleSawtimber6.4MBFSilver Maple120CordsSilver MapleSawtimber6.4Mixed HardwoodSawtimber6.4Mixed Aspen2.3MBFMixed Aspen2.3MBFSilver Maple176.1MBFSilver Maple176.1MBFMixed Aspen22CordsMixed Aspen22CordsMixed Hardwood24CordsMixed Hardwood24CordsMixed Hardwood24Cords							
Green Ash Paper Birch36CordsRed Maple33CordsSilver Maple45CordsSilver MapleSawtimber39.0MBF10.7\$2,Mixed HardwoodPulpwood6Cords\$2,Mixed HardwoodPulpwood6Cords\$2,Silver MapleSawtimber120Cords\$2,Silver MapleSawtimber6.4MBF26.6\$8,Green Ash5.4MBF26.6\$8,Green Ash5.4MBF\$2,\$4,Mixed Aspen2.3MBF\$4,\$4,Mixed AspenPulpwood2.3MBF\$4,Silver Maple176.1MBF\$4,\$4,Mixed AspenPulpwood23Cords\$4,Mixed AspenPulpwood22Cords\$4,Mixed Hardwood24Cords\$4,Mixed Hardwood14Cords\$4,Box Elder5Cords\$4,							
Paper Birch Red Maple14CordsSilver Maple33CordsSilver MapleSawtimber39.0MBF10.7Mixed HardwoodPulpwood6CordsAmerican Elm Silver MaplePulpwood6Cords4American Elm Green AshSawtimber6.4MBFMixed Aspen2.3MBF5.4Mixed Aspen2.3MBFCottonwood2.3MBFSilver Maple176.1MBFMixed Aspen22CordsMixed Aspen22CordsMixed Aspen22CordsMixed Aspen22CordsMixed Aspen22CordsMixed Aspen116.1CordsMixed Aspen120CordsMixed Aspen116.1MBFMixed Aspen116.1MBFMixed Aspen1176.1MBFMixed Aspen22CordsMixed Aspen22CordsMixed Aspen14CordsBox Elder5Cords							
Red Maple3CordsSilver MapleSawtimber39.0MBF10.7Mixed HardwoodPulpwood6Cords4American ElmPulpwood6Cords4Silver Maple120Cords4American ElmSawtimber6.4MBF26.6\$8,Green Ash5.4MBF26.6\$8,176.1MBF4\$8,\$10,7\$2,Mixed AspenCottonwood2.3MBF176.1MBF4\$10,7\$2,\$10,7\$2,Mixed AspenPulpwood2.3Cords176,1MBF4\$10,7\$1,7 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Silver MapleSawtimber45Cords3Silver MapleSawtimber39.0MBF10.7\$2,Mixed HardwoodPulpwood6Cords10.7\$2,American ElmPulpwood6Cords10.7\$2,3Silver Maple120Cords10.7\$2,4American ElmSawtimber6.4MBF26.6\$8,Green Ash5.4MBF26.6\$8,\$8,Mixed Aspen2.3MBF10.7\$2,\$1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0							
3Silver Maple Mixed Hardwood American Elm Silver MapleSawtimber39.0MBF10.7\$2,4American Elm Silver MaplePulpwood6Cords				-			
Mixed Hardwood American Elm Silver MaplePulpwood6Cords4American Elm Green Ash Mixed AspenSawtimber6.4MBF26.6\$8,6Cortonwood2.3MBF100100100100100Cottonwood2.3MBF100100100100100Silver MaplePulpwood2.3MBF100100100100100Silver MaplePulpwood23Cords10010							
American Elm Silver MapleSawtimber66 CordsCords4American Elm Green Ash Mixed AspenSawtimber6.4MBF26.6\$8,6Green Ash Mixed Aspen2.3MBF444 <td></td> <td>•</td> <td></td> <td></td> <td></td> <td>10.7</td> <td>\$2,029.80</td>		•				10.7	\$2,029.80
Silver Maple120Cords4American ElmSawtimber6.4MBF26.6\$8,9Green Ash5.4MBF111Mixed Aspen2.3MBF111Cottonwood2.3MBF111Silver MaplePulpwood23Cords11Mixed AspenPulpwood23Cords11Quaking AspenPulpwood22Cords11Mixed Hardwood14Cords14Cords1Box Elder5Cords1111Cords114Cords111Cords114Cords111American Elm14Cords1111Cords114Cords1111Cords114Cords11111Cords114Cords111	ſ		Pulpwood	6			
4American Elm Green Ash Mixed AspenSawtimber6.4MBF26.6\$8,Mixed Aspen5.4MBF2.3MBF444 <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>				-			
Green Ash Mixed Aspen5.4MBFCottonwood2.3MBFCottonwood2.3MBFSilver Maple176.1MBFMixed AspenPulpwood23CordsCottonwood1CordsQuaking Aspen22CordsMixed Hardwood24CordsAmerican Elm14CordsBox Elder5Cords		Silver Maple		120			
Mixed Aspen2.3MBFCottonwood2.3MBFSilver Maple176.1MBFMixed AspenPulpwood23CordsCottonwood1CordsQuaking Aspen22CordsMixed Hardwood24CordsAmerican Elm14CordsBox Elder5Cords		American Elm	Sawtimber	6.4		26.6	\$8,427.45
Cottonwood2.3MBFSilver Maple176.1MBFMixed AspenPulpwood23CordsCottonwood1CordsQuaking Aspen22CordsMixed Hardwood24CordsAmerican Elm14CordsBox Elder5Cords	0	Green Ash					
Silver Maple176.1MBFMixed AspenPulpwood23CordsCottonwood1CordsQuaking Aspen22CordsMixed Hardwood24CordsAmerican Elm14CordsBox Elder5Cords	ſ	Mixed Aspen		2.3	MBF		
Mixed AspenPulpwood23CordsCottonwood1CordsQuaking Aspen22CordsMixed Hardwood24CordsAmerican Elm14CordsBox Elder5Cords		Cottonwood		2.3	MBF		
Cottonwood1CordsQuaking Aspen22CordsMixed Hardwood24CordsAmerican Elm14CordsBox Elder5Cords	1	Silver Maple		176.1	MBF		
Quaking Aspen22CordsMixed Hardwood24CordsAmerican Elm14CordsBox Elder5Cords	ſ	Mixed Aspen	Pulpwood	23	Cords		
Mixed Hardwood24CordsAmerican Elm14CordsBox Elder5Cords		Cottonwood		1	Cords		
American Elm14CordsBox Elder5Cords		Quaking Aspen		22	Cords		
American Elm14CordsBox Elder5Cords	r			24	Cords		
Box Elder 5 Cords				14			
				5			
		Green Ash		5	Cords		
Silver Maple 378 Cords				-			
			Sawtimber			24.5	\$7,772.85

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Green Ash	Sawtimber	4.9	MBF		
	Mixed Aspen		2.1	MBF		
	Cottonwood		2.1	MBF		
	Silver Maple		162.2	MBF		
	Mixed Aspen	Pulpwood	21	Cords		
	Cottonwood		1	Cords		
	Quaking Aspen		20	Cords		
	Mixed Hardwood		23	Cords		
	American Elm		13	Cords		
	Box Elder		5	Cords		
	Green Ash		5	Cords		
	Silver Maple		349	Cords		
6	American Elm	Sawtimber	5.5	MBF	22.8	\$7,230.50
	Green Ash		4.6	MBF		
	Mixed Aspen		2.0	MBF		
	Cottonwood		2.0	MBF		
	Silver Maple		151.0	MBF		
	Mixed Aspen	Pulpwood	20	Cords		
	Cottonwood		1	Cords		
	Quaking Aspen		19	Cords		
	Mixed Hardwood		20	Cords		
	American Elm		12	Cords		
	Box Elder		4	Cords		
	Green Ash		4	Cords		
	Silver Maple		325	Cords		
		TOTAL:	738.0	MBF		
		TOTAL:	1,713	Cords		

### Sale Specific Conditions & Requirements

## Sale Name: Verona Maple Mix

Sale Number: 55-136-21 Seq#: 1

## 1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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 and 2, cut all trees that are two (2) inches or more at DBH, except apple, white pine, cedar, and trees marked with green paint. Within Payment Units 3-6, cut all maple and elm greater than 4 inches at DBH and less than 18 inches at DBH and all other trees that are four (4) inches or more at DBH, except apple and trees marked with green paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

## 2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops is not permissible.

### 2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 1-6, chipping of the bole, 2-inches in diameter or greater, is allowed. Chipping of limbs or portions of the tree less than 2-inches in diameter is not permitted. Limbs and the remaining top must be left on site and scattered.

## 3 - Payments

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are maple and elm greater than or equal to 18 inches at DBH, apple and trees marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

3.6 - Payment Unit Cutting Schedule

3.6.1 - Order of cutting (1/09)

Payment Units shall be cut in numerical order unless weather and ground conditions suggest otherwise.

3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened. The Purchaser must give a one week notice before finishing a Payment Unit to allow for inspection.

### 4 - Transportation

4.1 - Construction

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

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

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary temporary driveway permits that may be required.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. Skid trails only will be allowed.

4.2 - Maintenance

4.2.4 - Grading (10/16)

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

## 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 skid trail locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in any farmed field or opening which is indicated by G0 or U0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

5.2.1.11 - Slash for reforestation (3/21)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard. All standing dead trees (snags) shall be protected and left standing unless they are a safety hazard.

## 5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-6 cutting, skidding, and hauling are not permitted during the period of March 15 to July 15 and is limited to dry or frozen ground conditions at any other time. The sale administrator will determine what constitutes dry or frozen ground conditions. This restriction is due to poorly drained soils throughout the Sale Area.

5.2.3.12 - Hunting operating restriction (1/18)

No Payment Unit may be started during the period of September 25 - October 10 or November 1 - November 30 without permission of the Unit Manager or his/her representative.

### 5.2.31 - Landing locations (9/13)

The location of landings will be determined in the pre-sale conference. Landings must be confined to these designated sites

unless otherwise authorized by the Unit Manager or his/her representative. In general, landings are limited to a "T" turnaround which will accommodate a truck with a 50-foot trailer.

## 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 from landing and loading areas and scattered within the sale boundaries and may not be windrowed on the edge.

## 5.2.37 - No decking areas (12/08)

No decking is allowed in any designated parking area. No equipment storage is allowed in any designated parking area.

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

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

## 5.4 - Soil Protection

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

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

## 5.4.5 - Soil caution (11/04)

Care must be taken to minimize soil damage due to poor soil drainage throughout the sale. Care must also be taken when operating around designated leave trees to minimize damage to shallow roots.

## 5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within any vernal pond areas or drainages. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees, and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

### 5.8 - Protection of Endangered Species

## 5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

### 7 - Other Conditions

### 7.2 - Extensions

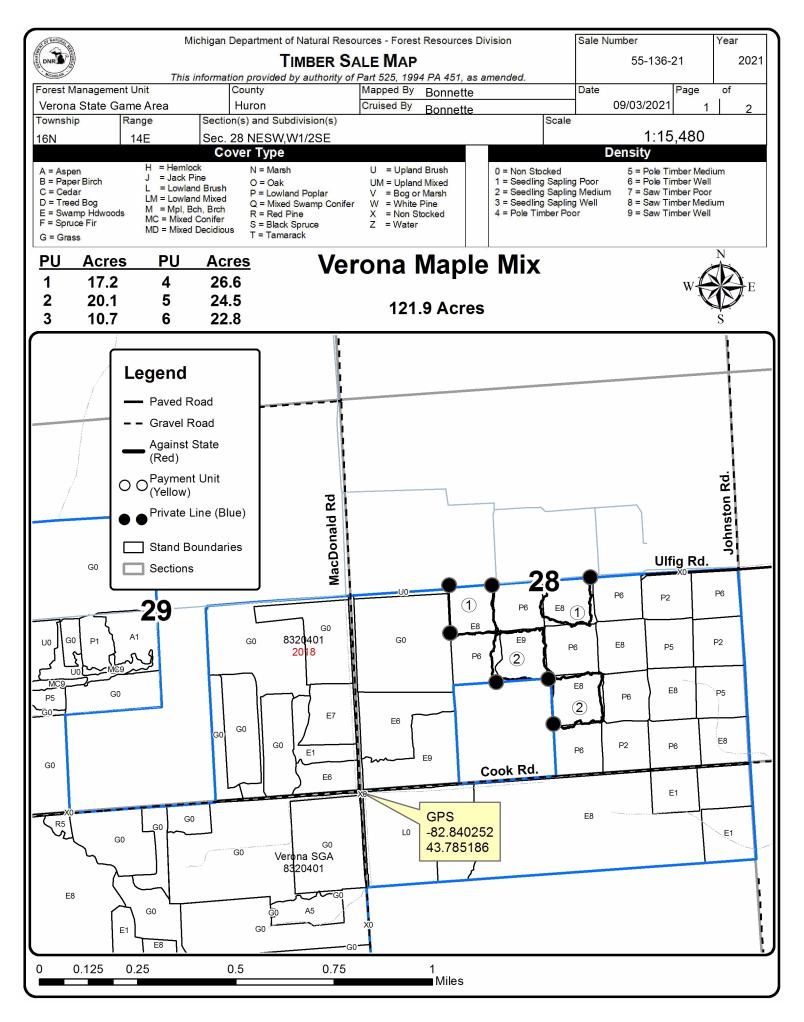
## 7.2.5 - Weather related extension (1/13)

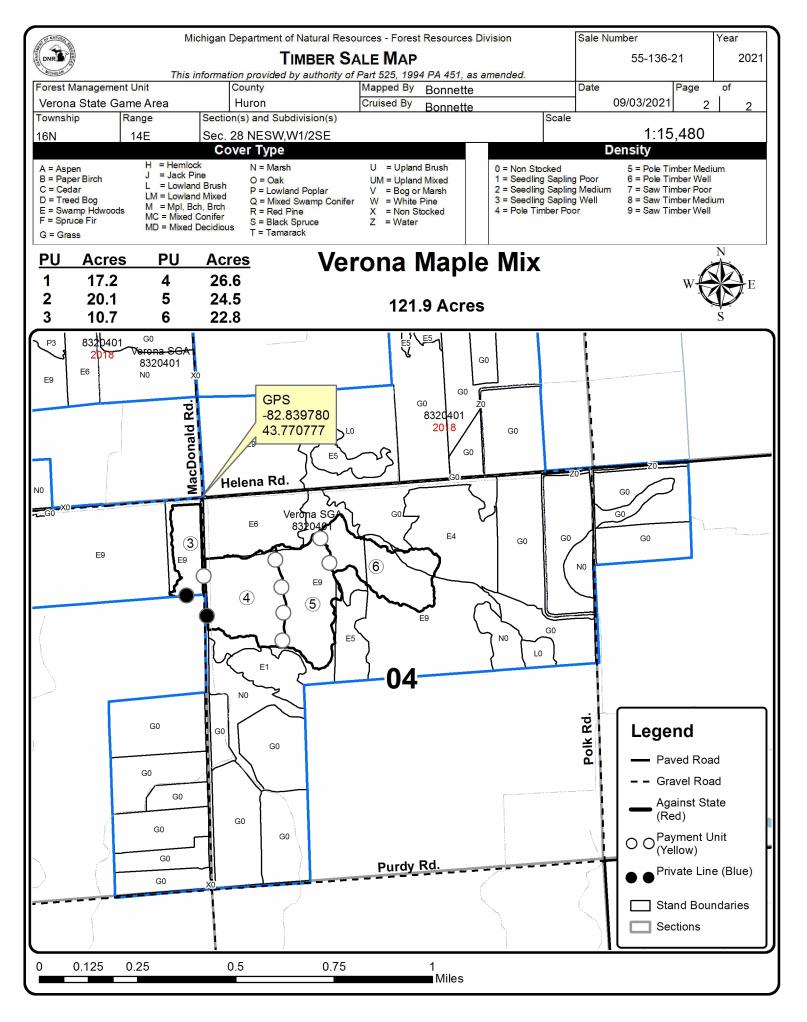
If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.

### 7.10 - Certified Timber

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

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed as a State Game Area.





#### TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### **BID FORM**

#### Roods Lake Mix (28-003-21) T08N, R10E, SEC. 10; Lapeer COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on November 9, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD\</u>	VERTISED PRICE	<b>BID PRICE/UNIT</b>
Mixed Aspen	276.8	MBF	\$	28.00/MBF	\$
Red Pine	61.6	MBF	\$	37.00/MBF	\$
Pulpwood					
Mixed Aspen	436	Cords	\$	11.55/Cord	\$
Mixed Hardwood	377	Cords	\$	8.80/Cord	\$
Red Pine	188	Cords	\$	18.15/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 8.84 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: or SOCIAL SECURITY NUMBER:	
Company or individual bidding:	-
Company representative's name:	
Address:	_
City: State: Zip:	_

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

Individual or company representative's signature:

Phone number :\_\_\_\_\_ Email (optional):\_\_\_\_\_

\_\_\_\_\_ Date:\_\_\_\_\_

TOF NATURAL PESOL	Michigan Department of Natur Forest Resources Divi			<b>FOR DEPARTMENT USE ONLY</b> Sale Number (XX – XXX – XX – XX)
auto Michigan Sh	TIMBER SAL	E		
	VERIFICATION OF WORKE	R'S DISABILIT	Y	Forest Management Unit:
	COMPENSATION ACT C		-	
	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	er's Compensation) an	d	
VERIFIC	CATION OF WORKER'S DISABILIT			IPLIANCE
	verification must be completed and contract.	submitted within 2	1 days of cont	ract award and prior to the issuance of the timber
• In a				Certificate of Insurance must be submitted within etimber sale contract.
• All II	nformation must be typed or printed o	except for written s	ignatures.	
Please (	Check Appropriate Categories:			
1. Mył	ousiness is organized as (you <b>must</b>	check <u>one</u> of the l	boxes below):	
A. 🗆	] Sole Proprietorship (individual)			
	] Partnership			
C. 🗆	] Corporation			
2. You	must check one of the boxes below	v:		
A. 🗆	] I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no	employees but	the sole proprietor. I am not subject to the
	Exclusion (BWC-337, Rev. 5/96). I wind questions or a copy of the BWC-337,	ill provide a copy of t please call the Work	he Notice of Ex ker's Compensa	ation Act through the use of an approved Notice of clusion within 21 days of the contract award. (For ition Bureau at 517-322-1195). an original Certificate of Insurance within twenty-
	one (21) days of the contract award.			
	ou have checked item 2(A) or 2(B), yourself, including family members			of <b>both</b> full-time and part-time employees, other u must enter "0").
	Full-time En	nployees		Part-time Employees
Name of B	usiness		Federal ID (or) S	Social Security No.
Address			Telephone	
/ 1001000			()	
City		State	ZIP	
	certify that the above information is affecting my coverage during any c			ify the Michigan DNR of any changes that occur ons.
Signatu	re of Owner or Authorized Representative			
Title			Dat	e
<u> </u>				

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

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

#### **BID FORM**

#### 7 Block Mix (55-132-21)

## T13N, R10E, SEC. 11; T13N, R10E, SEC. 14; T13N, R10E, SEC. 23; Tuscola

In response to the notice of sale to be held 10:00 a.m. (local time) on November 9, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD\</u>	ERTISED PRICE	BID PRICE/UNIT
American Elm	8.3	MBF	\$	28.00/MBF	\$
Black Cherry	21.0	MBF	\$	69.00/MBF	\$
Jack Pine	2.2	MBF	\$	25.00/MBF	\$
Mixed Aspen	349.4	MBF	\$	28.00/MBF	\$
Paper Birch	0.9	MBF	\$	26.00/MBF	\$
Red Maple	73.5	MBF	\$	30.00/MBF	\$
Red Pine	48.5	MBF	\$	37.00/MBF	\$
Sugar Maple	7.1	MBF	\$	69.00/MBF	\$
White Ash	10.1	MBF	\$	28.00/MBF	\$
Pulpwood					
Jack Pine	4	Cords	\$	7.70/Cord	\$
Mixed Aspen	673	Cords	\$	10.45/Cord	\$
Mixed Hardwood	1,058	Cords	\$	8.80/Cord	\$
Red Pine	45	Cords	\$	17.05/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 6.07 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	JRITY NUMBER:	<sup>.</sup>
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 comp	any repres	entative's si	gnature:

Phone number :\_\_\_\_\_ Email (optional):\_\_\_\_\_

Date:\_\_\_\_\_

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

TOF NATURAL PRESOUR	Michigan Department of Natura Forest Resources Divis			FOR DEPARTMENT USE ONLY Sale Number (XX – XXX – XX – XX)
auto - Michigan - 50	TIMBER SAL	E	ľ	
	VERIFICATION OF WORKER	R'S DISABILITY		Forest Management Unit:
	COMPENSATION ACT C			orest Management Onit.
	As required by Act 317, P.A. 1969 (Worke	-		
VEDIEIC	Part 5 of Act 451 of 1994, as	amended.		
sale	contract.		-	act award and prior to the issuance of the timber
	Idition, if boxes 2B or 2C are checke ity-one (21) days of the contract awar			Certificate of Insurance must be submitted within timber sale contract.
All Ir	nformation must be typed or printed e	except for written sig	gnatures.	
Please (	Check Appropriate Categories:			
-	pusiness is organized as (you <b>must</b>	check <u>one</u> of the b	oxes below):	
	Sole Proprietorship (individual)			
	Partnership			
C. L	Corporation			
2. You	must check one of the boxes below	r:		
A. 🗆	I certify my business is a sole proprieto Worker's Compensation Laws.	orship and it has no e	mployees but t	he sole proprietor. I am not subject to the
	Exclusion (BWC-337, Rev. 5/96). I will questions or a copy of the BWC-337, J	I provide a copy of the please call the Worke	e Notice of Exc er's Compensat	ation Act through the use of an approved Notice of clusion within 21 days of the contract award. (For ion Bureau at 517-322-1195). n original Certificate of Insurance within twenty-
				of <b>both</b> full-time and part-time employees, other I must enter "0").
	Full-time Err	iployees		Part-time Employees
Name of Bu	usiness		Federal ID (or) S	ocial Security No.
Address			Telephone	
			( )	
City		State	ZIP	
in factors	certify that the above information is a affecting my coverage during any o			y the Michigan DNR of any changes that occur ns.
2.9/14/0				
Title			Date	

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

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

#### TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### **BID FORM**

#### Minden 4 block Aspen (55-133-21)

## T13N, R14E, SEC. 4; T13N, R14E, SEC. 5; T13N, R14E, SEC. 8; T13N, R14E,

In response to the notice of sale to be held 10:00 a.m. (local time) on November 9, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>ADV</u>	ERTISED PRICE	BID PRICE/UNIT
Black Cherry	34.5	MBF	\$	69.00/MBF	\$
Green Ash	5.8	MBF	\$	26.00/MBF	\$
Mixed Aspen	438.9	MBF	\$	28.00/MBF	\$
Paper Birch	4.7	MBF	\$	27.00/MBF	\$
Red Maple	33.0	MBF	\$	30.00/MBF	\$
Pulpwood					
Mixed Aspen	683	Cords	\$	10.45/Cord	\$
Mixed Hardwood	297	Cords	\$	8.80/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 9.96 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID:	_ or SOCIAL SECURITY NUMBER:	<sup>.</sup>
Company or individual bidding:		
Company representative's name:		
Address:		_
City: Sta	te: Zip:	_

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

Individual or company representative's signature: \_\_\_\_\_\_ Date: \_\_\_\_\_\_

Phone number :\_\_\_\_\_ Email (optional):\_\_\_\_\_

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

NATURAL PERSON	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY
HADNR	TIMBER SAL	F	Sale	Number (XX – XXX – XX – XX)
M/CHIGAN			/	
			Fores	st Management Unit:
		-		
r	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	amended.		
VERIFIC	CATION OF WORKER'S DISABILI	TY COMPENSATI		ANCE
	e verification must be completed and contract.	submitted within 2	l days of contract	award and prior to the issuance of the timber
	ddition, if boxes 2B or 2C are check nty-one (21) days of the contract awa			ficate of Insurance must be submitted within per sale contract.
• All I	nformation must be typed or printed	except for written s	ignatures.	
Please (	Check Appropriate Categories:			
1. My I	business is organized as (you <b>must</b>	check one of the	oxes below):	
A. 🗆	Sole Proprietorship (individual)			
В. 🗆	] Partnership			
C. 🗆	] Corporation			
2. You	must check one of the boxes below	V:		
	I certify my business is a sole propriet Worker's Compensation Laws.		employees but the s	ole proprietor. I am not subject to the
	I certify my business has satisfied its c Exclusion (BWC-337, Rev. 5/96). I w questions or a copy of the BWC-337,	ill provide a copy of please call the Wor	he Notice of Exclusioner's Compensation	,
С. Ц	one (21) days of the contract award.	compensation Policy	T will provide an on	ginal Certificate of Insurance within twenty-
	bu have checked item 2(A) or 2(B), n yourself, including family members			<b>oth</b> full-time and part-time employees, other ist enter "0").
	Full-time Er	nplovees		Part-time Employees
Name of B	usiness		Federal ID (or) Social	Security No.
Address			Telephone	
			( )	
City		State	ZIP	
l hereby	certify that the above information is	true and correct	l agree to notify th	e Michigan DNR of any changes that occur
	s affecting my coverage during any o			
Signatu	ire of Owner or Authorized Representative			
Signatu				
Title			Date	

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

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

#### **BID FORM**

#### Ryan Ridges Mix (55-134-21)

## T12N, R09E, SEC. 14; T12N, R09E, SEC. 23; T12N, R09E, SEC. 24; T12N, R09E,

In response to the notice of sale to be held 10:00 a.m. (local time) on November 9, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD'</u>	VERTISED PRICE	<b>BID PRICE/UNIT</b>
Black Cherry	2.2	MBF	\$	69.00/MBF	\$
Green Ash	3.7	MBF	\$	26.00/MBF	\$
Mixed Aspen	564.4	MBF	\$	28.00/MBF	\$
Paper Birch	3.9	MBF	\$	27.00/MBF	\$
Red Maple	277.2	MBF	\$	30.00/MBF	\$
Red Pine	108.8	MBF	\$	39.00/MBF	\$
Sugar Maple	11.5	MBF	\$	69.00/MBF	\$
Pulpwood					
Jack Pine	266	Cords	\$	7.45/Cord	\$
Mixed Aspen	838	Cords	\$	10.45/Cord	\$
Mixed Hardwood	1,099	Cords	\$	8.80/Cord	\$
Red Pine	190	Cords	\$	19.25/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 6.95 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:	_

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

Individual or company representative's signature:

Phone number :\_\_\_\_\_ Email (optional):\_\_\_\_\_

Date:

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

NOF NATURAL PESSOL	Michigan Department of Natura Forest Resources Divi			FOR DEPARTMENT USE ONLY
A DNR A	TIMBER SAL	E		Sale Number (XX – XXX – XX – XX)
TCHIGH	VERIFICATION OF WORKE	- R'S DISABILITY		
	COMPENSATION ACT C			Forest Management Unit:
	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	er's Compensation) and		
VERIFIC	ATION OF WORKER'S DISABILIT			IPLIANCE
	verification must be completed and contract.	submitted within 21	days of cont	tract award and prior to the issuance of the timber
	dition, if boxes 2B or 2C are check ty-one (21) days of the contract awar			Certificate of Insurance must be submitted within e timber sale contract.
All In	formation must be typed or printed o	except for written sig	gnatures.	
Please C	heck Appropriate Categories:			
1. Myb	usiness is organized as (you <b>must</b>	check one of the bo	oxes below):	
A. 🗆	Sole Proprietorship (individual)			
В. 🗆	Partnership			
C. 🗆	Corporation			
2. You	<b>must</b> check <u>one</u> of the boxes belov	<b>/</b> :		
A. 🗆	I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no ei	mployees but	the sole proprietor. I am not subject to the
В. 🗌		Il provide a copy of the	e Notice of Ex	cation Act through the use of an approved Notice of clusion within 21 days of the contract award. (For ation Bureau at 517-322-1195).
C. 🗆	I certify my business has a Worker's C one (21) days of the contract award.	Compensation Policy.	I will provide	an original Certificate of Insurance within twenty-
	a have checked item 2(A) or 2(B), yourself, including family members			of <b>both</b> full-time and part-time employees, other u must enter "0").
	Full-time En	nployees		Part-time Employees
Name of Dec		I.		
Name of Bu	Siness	r		Social Security No.
Address		٢	Telephone	
		(	()	
City		State 2	ZIP	
l hereby c	pertify that the above information is	true and correct	agree to not	ify the Michigan DNR of any changes that occur
	affecting my coverage during any c			
Signatur	e of Owner or Authorized Representative			
Signatur				
Title			Dat	e

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

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

#### TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### **BID FORM**

## Beaver Dam Aspen (55-135-21)

## T13N, R13E, SEC. 1; T13N, R14E, SEC. 6; T14N, R13E, SEC. 36; T14N, R14E,

In response to the notice of sale to be held 10:00 a.m. (local time) on November 9, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	ESTIMATED VOLUM	<u>//E* AC</u>	OVERTISED PRICE	<b>BID PRICE/UNIT</b>
Black Cherry	48.5 MBF	\$	69.00/MBF	\$
Green Ash	9.7 MBF	\$	26.00/MBF	\$
Mixed Aspen	504.5 MBF	\$	28.00/MBF	\$
Red Maple	117.6 MBF	\$	30.00/MBF	\$
Pulpwood				
Mixed Aspen	802 Cords	\$	10.45/Cord	\$
Mixed Hardwood	789 Cords	\$	8.80/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 8.12 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	RITY 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:

Phone number :

Email (optional):\_\_\_\_

\_\_\_\_\_ Date:\_\_\_\_\_

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

NOF NATURAL PESSOL	Michigan Department of Natura Forest Resources Divi			FOR DEPARTMENT USE ONLY
A DNR A	TIMBER SAL	E		Sale Number (XX – XXX – XX – XX)
TCHIGH	VERIFICATION OF WORKE	- R'S DISABILITY		Forest Management Linit
	COMPENSATION ACT C			Forest Management Unit:
	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	er's Compensation) and		
VERIFIC	ATION OF WORKER'S DISABILIT			IPLIANCE
	verification must be completed and contract.	submitted within 21	days of cont	tract award and prior to the issuance of the timber
	dition, if boxes 2B or 2C are check ty-one (21) days of the contract awar			Certificate of Insurance must be submitted within e timber sale contract.
All In	formation must be typed or printed o	except for written sig	gnatures.	
Please C	heck Appropriate Categories:			
1. Myb	usiness is organized as (you <b>must</b>	check one of the bo	oxes below):	
A. 🗆	Sole Proprietorship (individual)			
В. 🗆	Partnership			
C. 🗆	Corporation			
2. You	<b>must</b> check <u>one</u> of the boxes belov	<b>/</b> :		
A. 🗆	I certify my business is a sole propriet Worker's Compensation Laws.	orship and it has no ei	mployees but	the sole proprietor. I am not subject to the
В. 🗌		Il provide a copy of the	e Notice of Ex	cation Act through the use of an approved Notice of clusion within 21 days of the contract award. (For ation Bureau at 517-322-1195).
C. 🗆	I certify my business has a Worker's C one (21) days of the contract award.	Compensation Policy.	I will provide	an original Certificate of Insurance within twenty-
	a have checked item 2(A) or 2(B), yourself, including family members			of <b>both</b> full-time and part-time employees, other u must enter "0").
	Full-time En	nployees		Part-time Employees
Name of Dec		I.		
Name of Bu	Siness	r		Social Security No.
Address		٢	Telephone	
		(	()	
City		State 2	ZIP	
l hereby c	pertify that the above information is	true and correct	agree to not	ify the Michigan DNR of any changes that occur
	affecting my coverage during any c			
Signatur	e of Owner or Authorized Representative			
Signatur				
Title			Dat	e

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

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

#### TIMBER SALE / SEALED BID STATE OF MICHIGAN / DNR

#### **BID FORM**

#### Verona Maple Mix (55-136-21)

## T15N, R14E, SEC. 4; T15N, R14E, SEC. 5; T16N, R14E, SEC. 28; Huron COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on November 9, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	<b>BID PRICE/UNIT</b>
American Elm	31.2	MBF	\$	26.00/MBF	\$
Basswood	3.4	MBF	\$	29.00/MBF	\$
Green Ash	14.9	MBF	\$	25.00/MBF	\$
Mixed Aspen	105.1	MBF	\$	26.00/MBF	\$
Paper Birch	22.8	MBF	\$	26.00/MBF	\$
Silver Maple	560.6	MBF	\$	27.00/MBF	\$
Pulpwood					
Mixed Aspen	193	Cords	\$	8.25/Cord	\$
Mixed Hardwood	264	Cords	\$	8.80/Cord	\$
Silver Maple	1,256	Cords	\$	7.70/Cord	\$

\*The volumes are statistically estimated within plus (+) or minus (-) 7.38 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.

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	IRITY 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:

Phone number :

Email (optional):\_\_\_\_

\_ Date:\_\_\_\_

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

NATURAL PERSON	Michigan Department of Natur Forest Resources Div			FOR DEPARTMENT USE ONLY
HADNR	TIMBER SAL	F	Sale	Number (XX – XXX – XX – XX)
M/CHIGAN			/	
			Fores	st Management Unit:
		-		
r	As required by Act 317, P.A. 1969 (Work Part 5 of Act 451 of 1994, as	amended.		
VERIFIC	CATION OF WORKER'S DISABILI	TY COMPENSATI		ANCE
	e verification must be completed and contract.	submitted within 2	l days of contract	award and prior to the issuance of the timber
	ddition, if boxes 2B or 2C are check nty-one (21) days of the contract awa			ficate of Insurance must be submitted within per sale contract.
• All I	nformation must be typed or printed	except for written s	ignatures.	
Please (	Check Appropriate Categories:			
1. My I	business is organized as (you <b>must</b>	check one of the	ooxes below):	
A. 🗆	Sole Proprietorship (individual)			
В. 🗆	] Partnership			
C. 🗆	] Corporation			
2. You	must check one of the boxes below	V:		
	I certify my business is a sole propriet Worker's Compensation Laws.		employees but the s	ole proprietor. I am not subject to the
	I certify my business has satisfied its c Exclusion (BWC-337, Rev. 5/96). I w questions or a copy of the BWC-337,	ill provide a copy of please call the Wor	he Notice of Exclusioner's Compensation	,
С. Ц	one (21) days of the contract award.	compensation Policy	T will provide an on	ginal Certificate of Insurance within twenty-
	bu have checked item 2(A) or 2(B), n yourself, including family members			<b>oth</b> full-time and part-time employees, other ist enter "0").
	Full-time Er	nplovees		Part-time Employees
Name of B	usiness		Federal ID (or) Social	Security No.
Address			Telephone	
			( )	
City		State	ZIP	
l hereby	certify that the above information is	true and correct	l agree to notify th	e Michigan DNR of any changes that occur
	s affecting my coverage during any o			
Signatu	ire of Owner or Authorized Representative			
Signatu				
Title			Date	

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

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