



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7580**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on February 11, 2025.**

LOCATION: **GAYLORD MGMT UNIT, 1732 WEST M 32, GAYLORD, MI 49735.**

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

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

Little Bass Lake Mix (52-004-24) / T29N, R02W, SEC. 12, E1/2SW,S1/2SE.

Otsego County, Advertised Price \$29,548.45, 69.9 Acres, Red Pine, Hardwood.

SALE NOTE: Oak wilt restrictions in effect due to the large amount of oak understory present in the sale , large amount of Oil/Gas activity in the area.

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

Sourdough GS (52-010-24) / T33N, R04W, SEC. 6 , NW,SWNE.

T33N, R04W, SEC. 7 , NESW,SE.

Charlevoix County, Advertised Price \$119,439.10, 53.8 Acres, Hardwood, Sugar Maple.

SALE NOTE: Snow off harvesting required. No contract extensions will be granted on this sale. Mixed hardwood pulpwood contains sawtimber volumes for paper birch (2.3MBF) and american elm (3.2MBF).

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

Boulder Holder Aspen (52-012-24) / T29N, R01W, SEC. 3 , W1/2NW,W1/2SW.

Otsego County, Advertised Price \$11,452.10, 33.7 Acres, Aspen, Hardwood.

SALE NOTE: This sale is a 4 year contract with no extensions. This sale is located along the North Branch ORV Route/LP404 trail. This trail is extremely sandy and alternative hauling routes may be necessary.

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

Bass Lake Red Pine (52-013-24) / T29N, R02W, SEC. 2 , SENE,NESW,NWSE.

Otsego County, Advertised Price \$30,175.45, 64.7 Acres, Red Pine, White Pine.

SALE NOTE: Decent access, no cutting restrictions, large amount of Oil/Gas infrastructure in the area, notifying MISS DIG will be important to establishing a decent haul route. No extensions will be granted on this contract (see spec 7.2.2).

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

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

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

Bids must be received by the Unit Manager, GAYLORD OFFICE, 1732 West M 32, Gaylord, MI 49735, no later than 9:00 a.m. (local time) on February 11, 2025. For further information concerning this sale, contact Lucas Merrick at 989-732-3541 extension .

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Scott Bowen  
Director

## TIMBER SALE INFORMATION

Little Bass Lake Mix (52-004-24)  
T29N, R02W, SEC. 12.  
Otsego County (Advertised Price \$29,548.45)

SALE NOTE: Oak wilt restrictions in effect due to the large amount of oak understory present in the sale , large amount of Oil/Gas activity in the area.

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

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

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Pine	131.5 MBF	\$ 102.00 / MBF
Pulpwood		
Black/Red (Hybrid) Oak	7 Cords	\$ 27.10 / Cord
Mixed Aspen	24 Cords	\$ 12.20 / Cord
Red Maple	43 Cords	\$ 13.65 / Cord
Red Pine	465 Cords	\$ 32.40 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 15.56 percent. There are an estimated 849 cords on this timber sale, plus or minus 132 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 \$1,477.00 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	54.6%
02	3.6%
03	41.8%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2029.

### **SALE STATISTICS**

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

### **SALE VOLUMES**

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

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
67,035	849	15.56%	716	981

**VDU VOLUMES**

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

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
78	30,961	392	24.75%	295	489
81	2,827	36	20.01%	29	43
88	5,892	75	49.44%	38	111
90	27,355	346	24.47%	262	431
<b>TOTAL:</b>	<b>67,035</b>	<b>849</b>		<b>623</b>	<b>1,074</b>

**VDU TO PAYMENT UNIT**

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

VDU	VDU ACRES	PU	PU ACRES
78	30.5	1	30.5
81	1.6	1	1.6
88	16.1	2	16.1
90	21.7	3	21.7
<b>TOTAL:</b>	<b>69.9</b>		<b>69.9</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	88.3	MBF	32.1	\$16,134.60
	Red Pine	Pulpwood	220	Cords		
2	Black/Red (Hybrid)	Pulpwood	7	Cords	16.1	\$1,069.45
	/Red (Hybrid) Oak	Sawtimber	1.2	MBF		
	/Red (Hybrid) Oak	Pulpwood	5	Cords		
	Mixed Aspen		24	Cords		
	B. T. Aspen		1	Cords		
	Quaking Aspen		23	Cords		
	Red Maple		43	Cords		
	Red Maple	Sawtimber	1.4	MBF		
Red Maple	Pulpwood	40	Cords			
3	Red Pine	Sawtimber	43.2	MBF	21.7	\$12,344.40
	Red Pine	Pulpwood	245	Cords		
TOTAL:			131.5	MBF		
TOTAL:			539	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Little Bass Lake Mix**

**Sale Number: 52-004-24 Seq#: 2**

### 1 - Sale Area

#### 1.2 - Boundaries

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

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

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1 and 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

##### 2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 2, all trees which meet minimum piece specifications in 2.2 Utilization are designated for cutting regardless of merchantability, except do not cut oak less than 5 inches in DBH or trees marked with green paint above and below stump height.

#### 2.2 - Utilization

##### 2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible unless approved by the Unit Manager or his/her representative.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

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

#### 3.4 - Damaged Timber

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

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the Sale Area, if more than 33% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged.

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

### 4 - Transportation

#### 4.1 - Construction

#### 4.1.3 - Slash and Earthen Piles (8/04)

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

#### 4.1.6 - Road Construction (4/24)

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

#### 4.1.12 - No New Roads (1/12)

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

### 4.2 - Maintenance

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

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

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

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

#### 4.2.5 - Two Wheel Drive Condition (2/04)

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

## 5 - Operations

### 5.1 - Notification

#### 5.1.3 - Well Heads and Natural Gas Pipelines (11/15)

The Purchaser is responsible for contacting the MISS DIG HOTLINE 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

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

#### 5.2.2 - Hazard Trees/Snags

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

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

#### 5.2.3 - Operating Restrictions

##### 5.2.3.4 - Oak Wilt Restriction, No Exceptions (1/18)

Within Payment Unit(s) 1-3, 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.

##### 5.2.3.6 - Bark Beetle Restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed



from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.4 - Dead and Down Creation, Grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 2, leave one, 8" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or red maple.

These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

##### 5.2.29 - Shrub Protection (1/20)

Do not cut or damage hawthorn, witch-hazel, dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

##### 5.2.32 - Decking/Landing Restoration (9/13)

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

##### 5.2.38 - No Decking Against Live Trees (2/04)

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

##### 5.2.39 - ORV Trail/Route Protection (4/18)

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

#### 5.4 - Soil Protection

##### 5.4.1 - Rutting Restriction, General (7/16)

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

#### 5.8 - Protection of Endangered Species

##### 5.8.5 - Protection of Raptor Nests (3/13)

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

### 6 - Safety and Fire Prevention

#### 6.2 - Signing

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

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

##### 6.2.3 - Recreational Trail Posting (10/20)

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

## **7 - Other Conditions**

### 7.2 - Extensions

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

There will be no extensions granted on this contract.



### TIMBER SALE MAP

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

Sale Number

**52-004-24**

Date

11/20/2024

Forest Management Unit

Gaylord Mgt Unit

County

Otsego

Mapped By: Zach Crew

Cruised By: Zach Crew

Scale

1:15,840

Page

1

Of

1

Township  
29N

Range  
02W

Section(s) and  
Subdivision(s) Sec. 12 E1/2SW,S1/2SE;

#### Cover Type

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

#### Density

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

#### PU # Acres

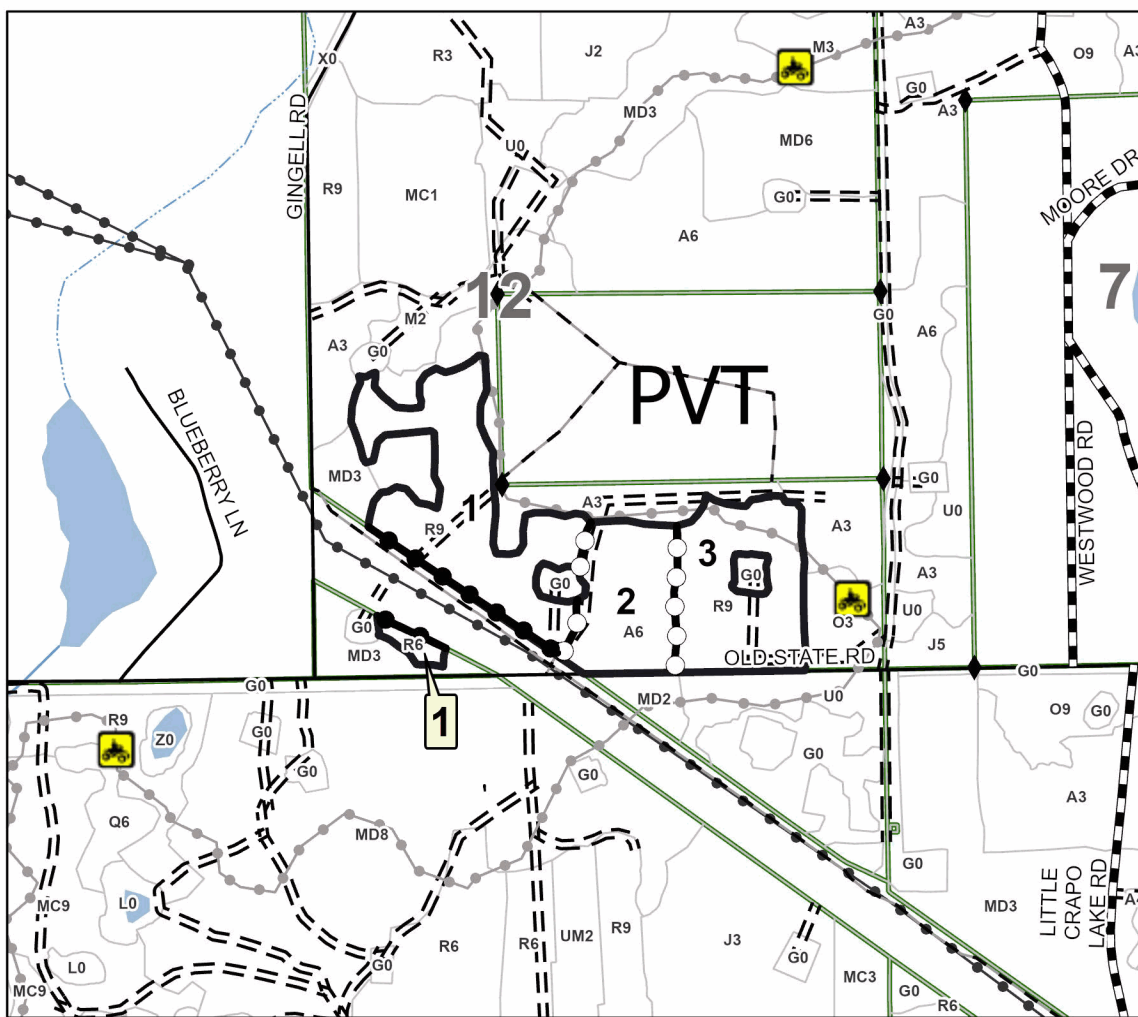
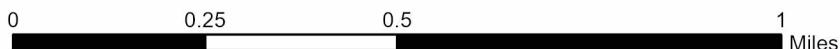
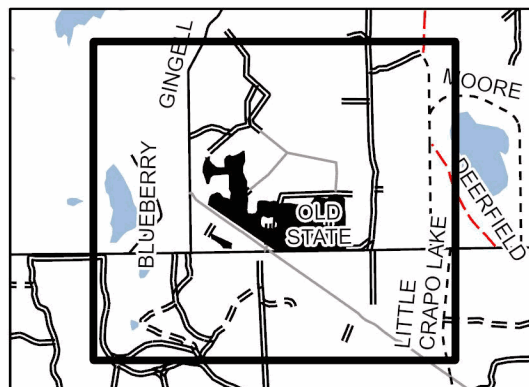
1	32.1
2	16.1
3	21.7

Note: All forest roads in the vicinity of this sale have associated gas pipelines.

## Little Bass Lake Mix

69.9 Acres

#### Locator Map 1:50,000



#### Legend

- Against State (Red)
- Private Line (Unpainted and identified by ROW)
- Payment Unit (Yellow)
- Forest Access Route
- Paved Road
- Government Gravel/Dirt
- Private Gravel/Dirt
- Recreational Trails
- Powerline
- Field Grade Corner

Use QR Code to open Map in App





## TIMBER SALE INFORMATION

Sourdough GS (52-010-24)

T33N, R04W, SEC. 6; T33N, R04W, SEC. 7.  
Charlevoix County (Advertised Price \$119,439.10)

SALE NOTE: Snow off harvesting required. No contract extensions will be granted on this sale. Mixed hardwood pulpwood contains sawtimber volumes for paper birch (2.3MBF) and american elm (3.2MBF).

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

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

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	153.9 MBF	\$ 73.00 / MBF
Beech	6.6 MBF	\$ 139.00 / MBF
Black Cherry	9.1 MBF	\$ 165.00 / MBF
Red Maple	13.7 MBF	\$ 149.00 / MBF
Sugar Maple	346.0 MBF	\$ 252.00 / MBF
Yellow Birch	5.0 MBF	\$ 73.00 / MBF
Pulpwood		
Basswood	179 Cords	\$ 11.90 / Cord
Mixed Aspen	50 Cords	\$ 16.65 / Cord
Mixed Hardwood	711 Cords	\$ 18.60 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 13.73 percent. There are an estimated 2,194 cords on this timber sale, plus or minus 301 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

1. A bond in the amount of \$5,972.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:
 

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	29.4%
02	70.6%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2029.

### **SALE STATISTICS**

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

### **SALE VOLUMES**

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

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
173,305	2,194	13.73%	1,892	2,495

**VDU VOLUMES**

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

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
54	107,077	1,355	17.14%	1,123	1,588
67	66,228	838	23.36%	643	1,034
<b>TOTAL:</b>	<b>173,305</b>	<b>2,194</b>		<b>1,766</b>	<b>2,622</b>

**VDU TO PAYMENT UNIT**

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

VDU	VDU ACRES	PU	PU ACRES
54	28.2	2	28.2
67	25.6	1	25.6
<b>TOTAL:</b>	<b>53.8</b>		<b>53.8</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	75.1	MBF	25.6	\$35,122.40
	Beech		5.4	MBF		
	Sugar Maple		84.4	MBF		
	Yellow Birch		2.9	MBF		
	Basswood	Pulpwood	115	Cords		
	Mixed Aspen		50	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	2.4	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	32	<i>Cords</i>		
	<i>Quaking Aspen</i>		13	<i>Cords</i>		
	Mixed Hardwood		280	Cords		
	<i>Paper Birch</i>	<i>Sawtimber</i>	2.3	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	18	<i>Cords</i>		
	<i>Ironwood</i>		15	<i>Cords</i>		
	<i>Paper Birch</i>		13	<i>Cords</i>		
	<i>Sugar Maple</i>		227	<i>Cords</i>		
	<i>Yellow Birch</i>		2	<i>Cords</i>		
2	Basswood	Sawtimber	78.8	MBF	28.2	\$84,316.70
	Beech		1.2	MBF		
	Black Cherry		9.1	MBF		
	Red Maple		13.7	MBF		
	Sugar Maple		261.6	MBF		
	Yellow Birch		2.1	MBF		
	Basswood	Pulpwood	64	Cords		
	Mixed Hardwood		431	Cords		
	<i>American Elm</i>	<i>Sawtimber</i>	3.2	<i>MBF</i>		
	<i>American Elm</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Beech</i>		7	<i>Cords</i>		
	<i>Black Cherry</i>		8	<i>Cords</i>		
	<i>Ironwood</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		10	<i>Cords</i>		
	<i>Sugar Maple</i>		391	<i>Cords</i>		
	<i>Yellow Birch</i>		2	<i>Cords</i>		
TOTAL:			534.3	MBF		
TOTAL:			940	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Sourdough GS

Sale Number: 52-010-24 Seq#: 2

### 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 or are unpainted and identified by Cobb Road. Exterior sale boundary lines against private property are marked with blue paint, with the exception of the eastern boundary of Payment Unit 1, which is unpainted and identified by Cobb Road. 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

##### 2.1.4 - Designated Timber Unit(s) (6/17)

Within Payment Unit(s) 1 and 2, all trees 6' (feet) or taller are designated for cutting regardless of merchantability.

#### 2.2 - Utilization

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

Stump heights within Payment Unit(s) 1-2 shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH. This is in order to facilitate planting operations.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) 1-2, may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

#### 3.4 - Damaged Timber

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

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

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

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.4 - Timber Removed for Construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing, or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the Sale Administrator. Payment will be made at contract prices or average prices, if not on the contract.

##### 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 will only be allowed.

#### 4.2 - Maintenance

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



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

#### 4.2.5 - Two Wheel Drive Condition (2/04)

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

## 5 - Operations

### 5.1 - Notification

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

A pre-sale conference on site between the Purchaser and Sale Administrator is required prior to beginning any operations, to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

#### 5.1.4 - Post-Sale Conference (10/16)

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

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

To facilitate reforestation, in Payment Units 1-2, all slash and unmerchantable treetops shall not be chipped or hauled.

Instead, slash and tops shall be placed high and wide and centered over stumps to protect coppicing. They must not be compacted, and may be spread out unevenly throughout the unit. The goal is to discourage deer browse by making the area impenetrable and to allow vigorous stump sprouting to occur.

In all cases, these efforts must meet the satisfaction of the Sale Administrator.

#### 5.2.2 - Hazard Trees/Snags

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

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

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-2, unless changed by written agreement, cutting, skidding, and hauling are not permitted during snow-on ground conditions of winter and must be completed during the snow-free operations. This restriction is to increase scarification of the ground and expose mineral soil to increase regeneration of the gap cuttings.

#### 5.2.32 - Decking/Landing Restoration (9/13)

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

#### 5.2.38 - No Decking Against Live Trees (2/04)

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

#### 5.2.39 - ORV Trail/Route Protection (4/18)

The designated motorcycle trail is shown on the Timber Sale Map. Trees with motorcycle sign markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground unless there is a designated marker. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the motorcycle trail or route as the centerline. Do not run equipment down the motorcycle trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

#### 5.2.41 - Snowmobile Trail Protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. All stumps within 5 feet of the snowmobile trail must be cut at ground level.

#### 5.4 - Soil Protection

##### 5.4.1 - Rutting Restriction, General (7/16)

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

##### 5.4.2 - 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

##### 5.8.3 - Red Shoulder Hawk or Goshawk (1) (2/16)

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

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

### 6 - Safety and Fire Prevention

#### 6.2 - Signing

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

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

##### 6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Motorcycle and Snowmobile Trails prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

### 7 - Other Conditions

#### 7.2 - Extensions

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

There will be no extensions granted on this contract.



### TIMBER SALE MAP

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

Sale Number	Date	
<b>52-010-24</b>	11/25/2024	
Scale	Page	Of
1:24,000	1	1

Forest Management Unit	County	Mapped By: Dan Morris
Gaylord Mgt Unit	Charlevoix	Cruised By: D Morris and B Lachman

Township	Range	Section(s) and Subdivision(s)
33N	04W	Sec. 6 NW,SWNE; Sec. 7 NESW,SE;

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

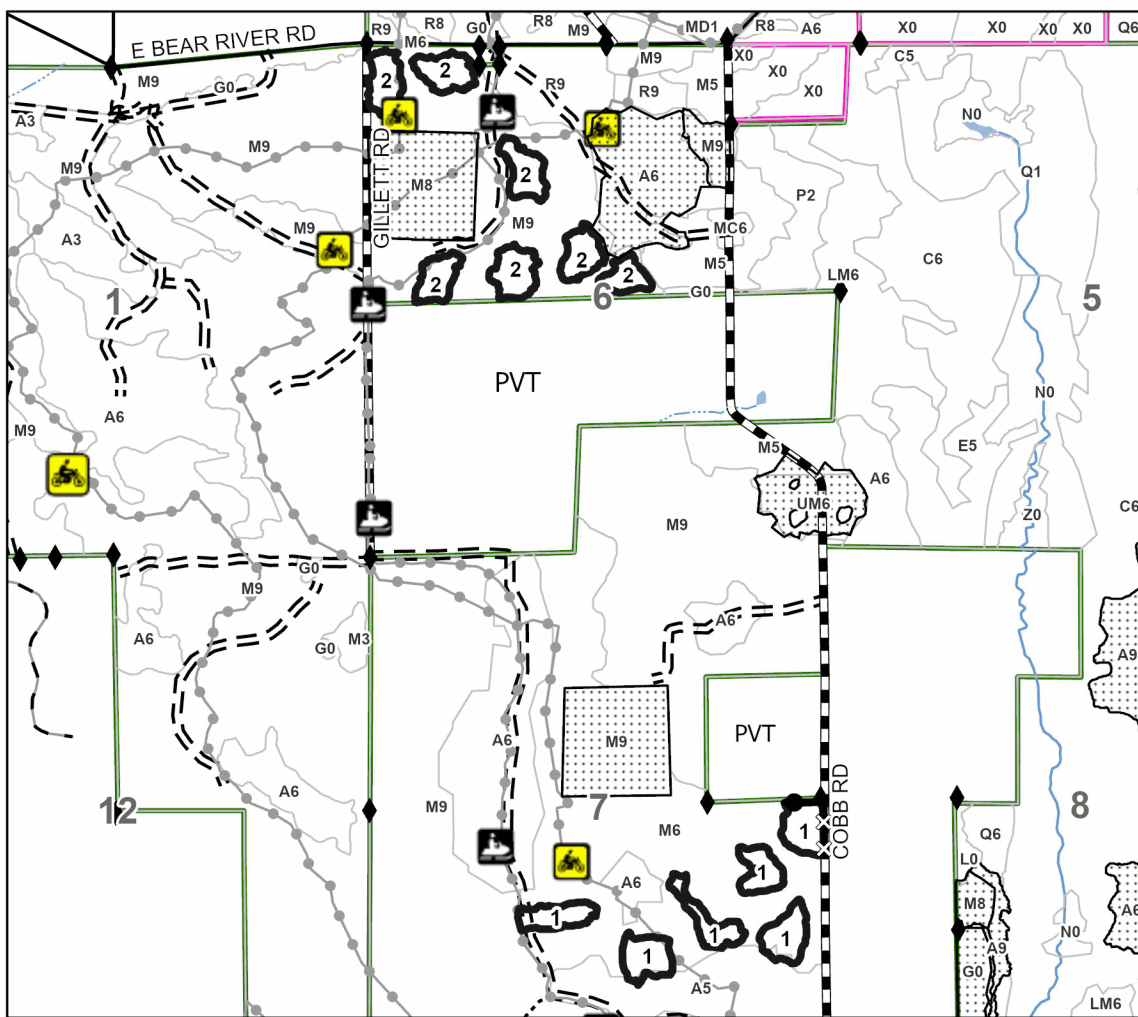
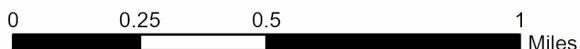
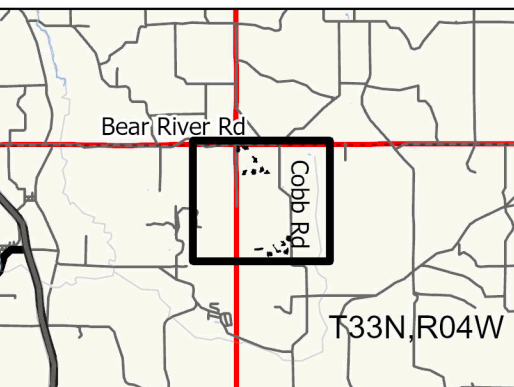
Density	
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres
1	25.6
2	28.2

## Sourdough GS

### 53.8 Acres

### Locator Map 1:200,000



### Legend

- Against State (Red)
  - Against Private (Unpainted)
  - Private Line (Blue)
  - Stand
- ### Compartments
- State Forests
  - Partner Lands
  - Lakes and Rivers
  - Forest Access Route
  - Administrative Access Only
  - Paved Road
  - Government Gravel/Dirt
  - Private Gravel/Dirt
  - Recreational Trails
  - Field Grade Corner
  - Nearby Timber Sale

Use QR Code to open Map in App





## TIMBER SALE INFORMATION

Boulder Holder Aspen (52-012-24)  
T29N, R01W, SEC. 3.  
Otsego County (Advertised Price \$11,452.10)

SALE NOTE: This sale is a 4 year contract with no extensions. This sale is located along the North Branch ORV Route/LP404 trail. This trail is extremely sandy and alternative hauling routes may be necessary.

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

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

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Pulpwood		
Black/Red (Hybrid) Oak	50 Cords	\$ 36.90 / Cord
Mixed Aspen	392 Cords	\$ 16.65 / Cord
Mixed Hardwood	108 Cords	\$ 18.60 / Cord
Red Pine	5 Cords	\$ 44.20 / Cord
White Pine	18 Cords	\$ 47.25 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 41.26 percent. There are an estimated 578 cords on this timber sale, plus or minus 238 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 \$1,000.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The remainder is due before cutting begins.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:
 

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	100.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2029.

### **SALE STATISTICS**

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

### **SALE VOLUMES**

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

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
45,660	578	41.26%	340	816

**VDU VOLUMES**

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

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
2	45,660	578	41.26%	339	816
<b>TOTAL:</b>	<b>45,660</b>	<b>578</b>		<b>339</b>	<b>816</b>

**VDU TO PAYMENT UNIT**

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

VDU	VDU ACRES	PU	PU ACRES
2	33.7	1	33.7
<b>TOTAL:</b>	<b>33.7</b>		<b>33.7</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid	Pulpwood	50	Cords	33.7	\$11,452.10
	/Red (Hybrid) Oak	Sawtimber	1.9	MBF		
	/Red (Hybrid) Oak	Pulpwood	46	Cords		
	Mixed Aspen		392	Cords		
	B. T. Aspen		168	Cords		
	Quaking Aspen		224	Cords		
	Mixed Hardwood		108	Cords		
	Red Maple	Sawtimber	3.4	MBF		
	Black Cherry	Pulpwood	5	Cords		
	Red Maple		96	Cords		
	Red Pine		5	Cords		
	Red Pine	Sawtimber	1.5	MBF		
	Red Pine	Pulpwood	2	Cords		
	White Pine		18	Cords		
	White Pine	Sawtimber	5.5	MBF		
	White Pine	Pulpwood	7	Cords		
<b>TOTAL:</b>			573	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Boulder Holder Aspen**

**Sale Number: 52-012-24 Seq#: 2**

### 1 - Sale Area

#### 1.2 - Boundaries

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

The sale boundary is marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with pink 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.

### 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 marked with pink paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$1000 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.3 - Slash and Earthen Piles (8/04)

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

##### 4.1.4 - Timber Removed for Construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing, or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the Sale Administrator. Payment will be made at contract prices or average prices, if not on the contract.

##### 4.1.6 - Road Construction (4/24)

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

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

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

##### 4.1.11 - Permits (2/12)

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

## 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. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

#### 5.1.3 - Well Heads and Natural Gas Pipelines (11/15)

The Purchaser is responsible for contacting the MISS DIG HOTLINE 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

#### 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 R.O.W. for operations.

### 5.2 - Conduct of Operations

#### 5.2.2 - Hazard Trees/Snags

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

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

#### 5.2.3 - Operating Restrictions

##### 5.2.3.11 - Coppice Regeneration Protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post-harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.4 - Dead and Down Creation, Grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, leave one, 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

#### 5.2.29 - Shrub Protection (1/20)

Do not cut or damage hawthorn, witch-hazel, or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

#### 5.2.32 - Decking/Landing Restoration (9/13)

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

#### 5.2.38 - No Decking Against Live Trees (2/04)

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

#### 5.2.39 - ORV Trail/Route Protection (4/18)

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

#### 5.2.41 - Snowmobile Trail Protection (9/11)

The LP 404 is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used



for hauling during the snowmobile season, then a snow-covered base must be left on the trail. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 5 feet of the snowmobile trail must be cut at ground level.

#### 5.4 - Soil Protection

##### 5.4.1 - Rutting Restriction, General (7/16)

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

### 6 - Safety and Fire Prevention

#### 6.2 - Signing

##### 6.2.2 - Snowmobile Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail LP404 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

##### 6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on North Branch Route prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

### 7 - Other Conditions

#### 7.2 - Extensions

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

There will be no extensions granted on this contract.



### TIMBER SALE MAP

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

Sale Number

**52-012-24**

Date

11/18/2024

Forest Management Unit

Gaylord Mgt Unit

County

Otsego

Mapped By: Derek Nellis

Cruised By: Derek Nellis

Scale

1:10,000

Page

1

Of

1

Township  
29N

Range  
01W

Section(s) and  
Subdivision(s) Sec. 3 W1/2NW,W1/2SW;

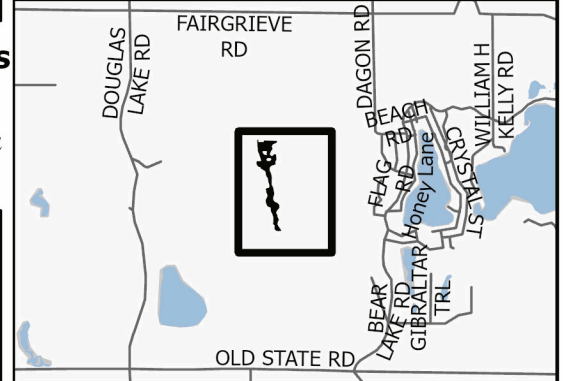
#### Cover Type

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

#### Density

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

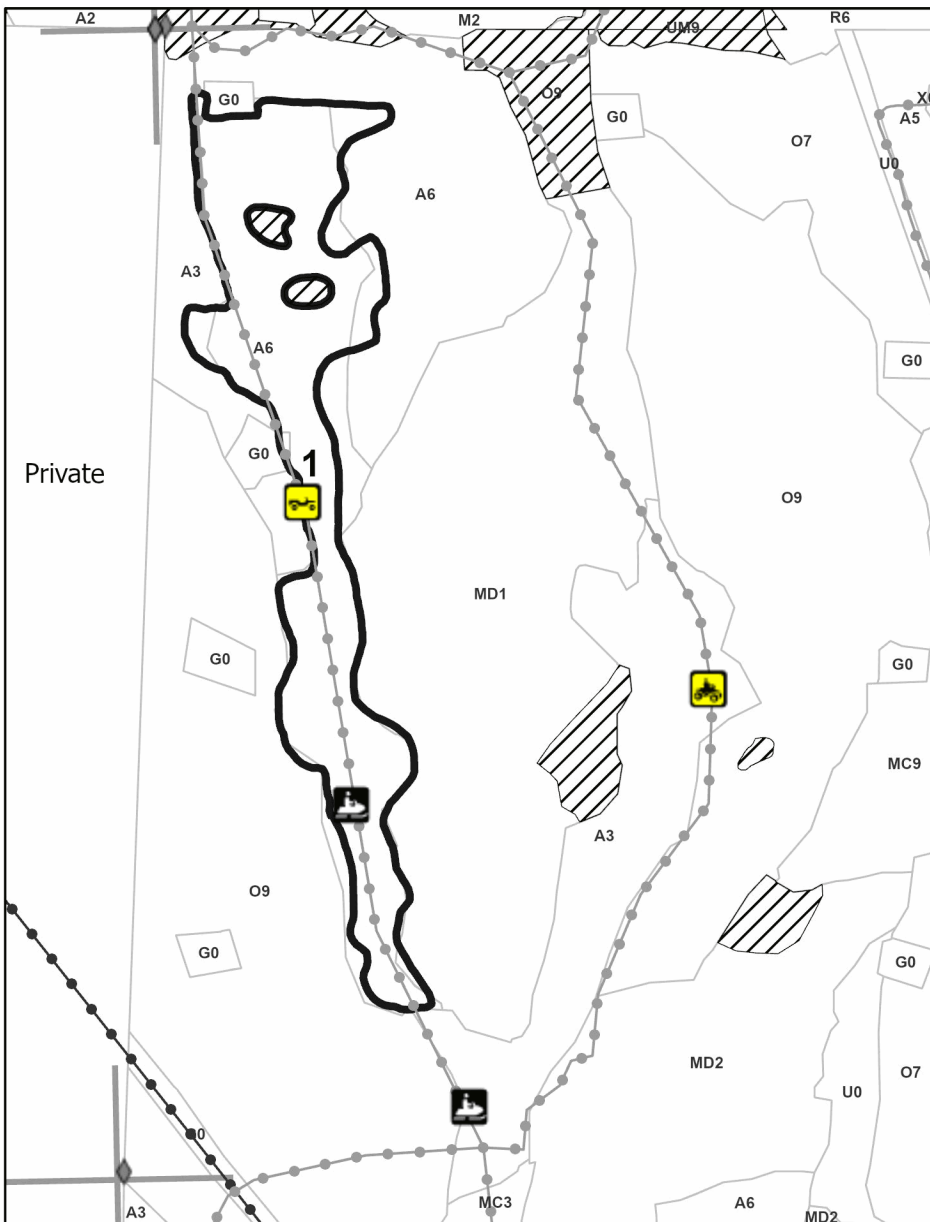
#### Locator Map (1:100,000)



PU # Acres

1 33.7

## Boulder Holder Aspen 33.7 Acres



#### Legend

- Stand
- Retention Areas
- Against State (Red)
- Recreational Trail
- Powerline
- Field Grade Corner
- MIRIS Section Corner

Use QR Code to open Map in App



## TIMBER SALE INFORMATION

Bass Lake Red Pine (52-013-24)  
T29N, R02W, SEC. 2.  
Otsego County (Advertised Price \$30,175.45)

SALE NOTE: Decent access, no cutting restrictions, large amount of Oil/Gas infrastructure in the area, notifying MISS DIG will be important to establishing a decent haul route. No extensions will be granted on this contract (see spec 7.2.2).

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

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

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Pine	92.0 MBF	\$ 139.00 / MBF
White Pine	1.0 MBF	\$ 58.00 / MBF
Pulpwood		
Red Pine	391 Cords	\$ 44.20 / Cord
White Pine	1 Cords	\$ 47.25 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 16.54 percent. There are an estimated 610 cords on this timber sale, plus or minus 101 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 \$1,509.00 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	46.6%
02	53.4%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2029.

### **SALE STATISTICS**

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

### **SALE VOLUMES**

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

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
48,166	610	16.54%	509	711

## VDU VOLUMES

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

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
46	26,384	334	20.39%	266	402
51	21,782	276	27.50%	200	352
<b>TOTAL:</b>	<b>48,166</b>	<b>610</b>		<b>466</b>	<b>754</b>

## VDU TO PAYMENT UNIT

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

VDU	VDU ACRES	PU	PU ACRES
46	32.8	2	32.8
51	31.9	1	31.9
<b>TOTAL:</b>	<b>64.7</b>		<b>64.7</b>

## DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	54.7	MBF	31.9	\$14,073.35
	White Pine		1.0	MBF		
	Red Pine	Pulpwood	144	Cords		
	White Pine		1	Cords		
2	Red Pine	Sawtimber	37.3	MBF	32.8	\$16,102.10
	Red Pine	Pulpwood	247	Cords		
TOTAL:			93.0	MBF		
TOTAL:			392	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: Bass Lake Red Pine**

**Sale Number: 52-013-24 Seq#: 2**

## 1 - Sale Area

### 1.2 - Boundaries

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

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint or are unpainted and identified by a road. Exterior sale boundary lines against private property are marked with blue paint, with the exception of the eastern boundary of Payment Unit 2, which is unpainted and identified by Bass Lake Landing Road. 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 unless marked with orange paint.

## 2 - Timber Specifications

### 2.1 - Included Timber

#### 2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1 and 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

### 2.2 - Utilization

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

Stump heights within the Sale Area shall not exceed 6 inches for all trees. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

#### 2.2.4 - Skidding length (2/14)

Skidding of lengths over 17 feet is permissible as long as the Sale Administrator approves the method and machinery used. If at any point damage exceeds specification 3.4.1, all of the remaining wood must be skid in lengths less than 17 feet.

## 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.

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

## 4 - Transportation

### 4.1 - Construction

#### 4.1.3 - Slash and Earthen Piles (8/04)

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

#### 4.1.4 - Timber Removed for Construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing, or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the Sale Administrator. Payment will be made at contract prices or average prices, if not on the contract.

#### 4.1.6 - Road Construction (4/24)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back

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

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

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

### 4.2 - Maintenance

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

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

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

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

#### 4.2.5 - Two Wheel Drive Condition (2/04)

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

## 5 - Operations

### 5.1 - Notification

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

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

#### 5.1.3 - Well Heads and Natural Gas Pipelines (11/15)

The Purchaser is responsible for contacting the MISS DIG HOTLINE 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

### 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.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.6 - Bark Beetle Restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

#### 5.2.29 - Shrub Protection (1/20)

Do not cut or damage hawthorn, witch-hazel, dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

#### 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.

#### 5.2.38 - No Decking Against Live Trees (2/04)

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

#### 5.2.39 - ORV Trail/Route Protection (4/18)

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

#### 5.2.41 - Snowmobile Trail Protection (9/11)

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

### 5.4 - Soil Protection

#### 5.4.1 - Rutting Restriction, General (7/16)

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

### 5.8 - Protection of Endangered Species

#### 5.8.5 - 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 onsite evaluation and recommendation can be made, if necessary.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

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

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

#### 6.2.2 - Snowmobile Trail Posting (10/20)

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

#### 6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on all recreation trails prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

## 7 - Other Conditions

### 7.2 - Extensions

7.2.2 - No Extensions (3/09)

There will be no extensions granted on this contract.





### TIMBER SALE MAP

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

Sale Number	Date	
<b>52-013-24</b>	08/22/2024	
Scale	Page	Of
1:15,840	1	1

Forest Management Unit	County	Mapped By: Zach Crew
Gaylord Mgt Unit	Otsego	Cruised By: Zach Crew

Township	Range	Section(s) and Subdivision(s)
29N	02W	Sec. 2 SENE,NESW,NWSE;

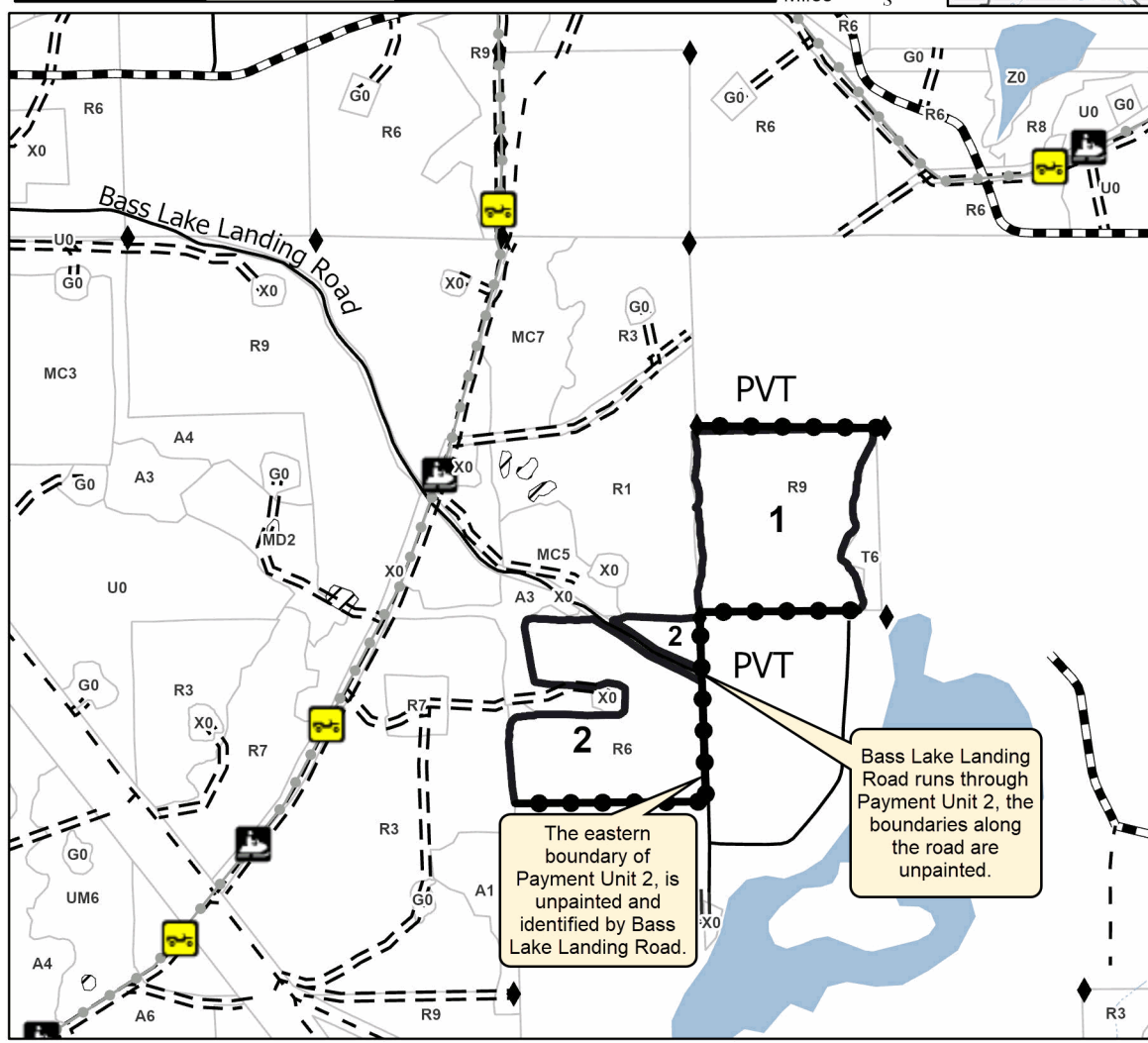
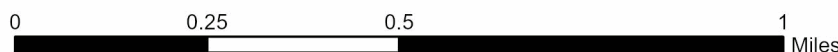
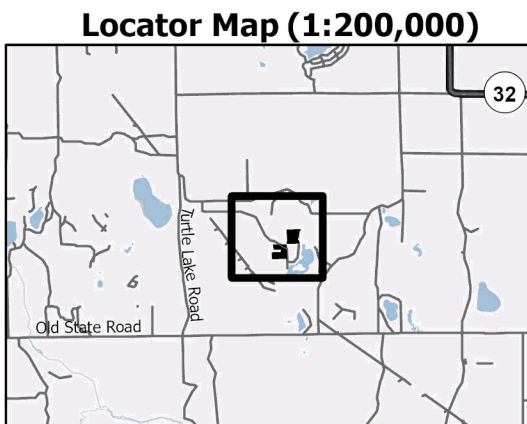
Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech,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

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

PU #	Acres
1	31.9
2	32.8

Note that all roads and two tracks in the area have associated gas lines

## Bass Lake Red Pine



### Legend

- Against State (Red)
- Private Line (Blue)
- Stand
- Retention Areas
- Recreational Trail
- Primary Forest Road
- Forest Access Route
- Administrative Access Only
- Paved Road
- Government Gravel/Dirt
- Private Gravel/Dirt
- Field Grade Corner

The eastern boundary of Payment Unit 2, is unpainted and identified by Bass Lake Landing Road.

Bass Lake Landing Road runs through Payment Unit 2, the boundaries along the road are unpainted.

Use QR Code to open Map in App





Bass Lake Red Pine (52-013-24)  
T29N, R02W, SEC. 2; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on February 11, 2025, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
Red Pine	92.0 MBF	\$ 139.00/MBF	\$ _____
White Pine	1.0 MBF	\$ 58.00/MBF	\$ _____
<b>Pulpwood</b>			
Red Pine	391 Cords	\$ 44.20/Cord	\$ _____
White Pine	1 Cords	\$ 47.25/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 16.54 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: \_\_\_\_\_ - \_\_\_\_\_ or SOCIAL SECURITY NUMBER: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Company or individual bidding: \_\_\_\_\_

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

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

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

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

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

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

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



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

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

*As required by Act 317, P.A. 1969 (Worker's Compensation) and  
Part 5 of Act 451 of 1994, as amended.*

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

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
  - A.  Sole Proprietorship (individual)
  - B.  Partnership
  - C.  Corporation
2. You **must** check one of the boxes below:
  - A.  I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
  - B.  I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
  - C.  I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

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

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

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone (       )	
City	State	ZIP	

*I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.*

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

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

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

Sourdough GS (52-010-24)  
T33N, R04W, SEC. 6; T33N, R04W, SEC. 7; Charlevoix COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on February 11, 2025, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
Basswood	153.9 MBF	\$ 73.00/MBF	\$ _____
Beech	6.6 MBF	\$ 139.00/MBF	\$ _____
Black Cherry	9.1 MBF	\$ 165.00/MBF	\$ _____
Red Maple	13.7 MBF	\$ 149.00/MBF	\$ _____
Sugar Maple	346.0 MBF	\$ 252.00/MBF	\$ _____
Yellow Birch	5.0 MBF	\$ 73.00/MBF	\$ _____
<b>Pulpwood</b>			
Basswood	179 Cords	\$ 11.90/Cord	\$ _____
Mixed Aspen	50 Cords	\$ 16.65/Cord	\$ _____
Mixed Hardwood	711 Cords	\$ 18.60/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 13.73 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: \_\_\_\_ - \_\_\_\_ - \_\_\_\_ or SOCIAL SECURITY NUMBER: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Company or individual bidding: \_\_\_\_\_

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

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

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

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

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

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

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



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

As required by Act 317, P.A. 1969 (Worker's Compensation) and  
Part 5 of Act 451 of 1994, as amended.

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

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

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
  - A.  Sole Proprietorship (individual)
  - B.  Partnership
  - C.  Corporation
2. You **must** check one of the boxes below:
  - A.  I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
  - B.  I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
  - C.  I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

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

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

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone (       )	
City	State	ZIP	

*I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.*

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

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

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

Boulder Holder Aspen (52-012-24)  
T29N, R01W, SEC. 3; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on February 11, 2025, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Pulpwood			
Black/Red (Hybrid) Oak	50 Cords	\$ 36.90/Cord	\$ _____
Mixed Aspen	392 Cords	\$ 16.65/Cord	\$ _____
Mixed Hardwood	108 Cords	\$ 18.60/Cord	\$ _____
Red Pine	5 Cords	\$ 44.20/Cord	\$ _____
White Pine	18 Cords	\$ 47.25/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 41.26 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: \_\_\_\_\_ - \_\_\_\_\_ or SOCIAL SECURITY NUMBER: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Company or individual bidding: \_\_\_\_\_

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

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

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

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

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

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

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



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

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

*As required by Act 317, P.A. 1969 (Worker's Compensation) and  
Part 5 of Act 451 of 1994, as amended.*

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

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
  - A.  Sole Proprietorship (individual)
  - B.  Partnership
  - C.  Corporation
2. You **must** check one of the boxes below:
  - A.  I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
  - B.  I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
  - C.  I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

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

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

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone (       )	
City	State	ZIP	

*I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.*

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

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

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



Little Bass Lake Mix (52-004-24)  
T29N, R02W, SEC. 12; Otsego COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on February 11, 2025, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Red Pine	131.5 MBF	\$ 102.00/MBF	\$ _____
Pulpwood			
Black/Red (Hybrid) Oak	7 Cords	\$ 27.10/Cord	\$ _____
Mixed Aspen	24 Cords	\$ 12.20/Cord	\$ _____
Red Maple	43 Cords	\$ 13.65/Cord	\$ _____
Red Pine	465 Cords	\$ 32.40/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 15.56 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: \_\_\_\_ - \_\_\_\_ - \_\_\_\_ or SOCIAL SECURITY NUMBER: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Company or individual bidding: \_\_\_\_\_

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

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

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

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

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

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

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



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

As required by Act 317, P.A. 1969 (Worker's Compensation) and  
Part 5 of Act 451 of 1994, as amended.

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

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

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  - A.  Sole Proprietorship (individual)
  - B.  Partnership
  - C.  Corporation
2. You **must** check one of the boxes below:
  - A.  I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
  - B.  I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
  - C.  I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

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

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

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone (       )	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

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

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

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