



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6339**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on June 11, 2019.

LOCATION: ATLANTA MGMT UNIT, 13501 M 33, ATLANTA, MI 49709.

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

Ferdelman Mix (54-006-18) / T33N, R04E, SEC. 15, SESW.

T33N, R04E, SEC. 21, SENW,NE,W1/2SW.

T33N, R04E, SEC. 22, SENW,SW.

Presque Isle County, Advertised Price \$79,833.85, 124.3 Acres, Aspen, Hardwood.

SALE NOTE: Payment Units 7 & 8 will likely require up to a 3/4 mile forwarding route. This route is steep, sometimes rocky with tight turns. Trucking out of the unit is extremely unlikely.

Revisit Red Pine (54-012-18) / T36N, R02E, SEC. 19, NENW,N1/2NE.

T36N, R02E, SEC. 20, SWNW,N1/2SW.

T36N, R02E, SEC. 21, NENW.

Presque Isle County, Advertised Price \$154,335.75, 100.5 Acres, Red Pine, White Pine.

SALE NOTE: 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.

3 Fast 5 Me Aspen (54-019-18) / T33N, R04E, SEC. 26, NWNE,S1/2NE,NESE.

Presque Isle County, Advertised Price \$33,135.75, 40.5 Acres, Aspen, Red Oak.

489 Black Mountain Mix (54-023-18) / T36N, R01E, SEC. 24, NENE.

T36N, R02E, SEC. 19, N1/2NW,SWNW.

T36N, R02E, SEC. 20, N1/2NW,SENE,NWNE,S1/2NE,NESW.

T36N, R02E, SEC. 20, N1/2SE.

T36N, R02E, SEC. 21, S1/2NW,SWNE,N1/2SW,NWSE.

Presque Isle County, Advertised Price \$141,600.90, 141.2 Acres, Aspen, Hardwood.

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

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

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

Bids must be received by the Unit Manager, ATLANTA OFFICE, 13501 M 33, ATLANTA, MI 49709, no later than 10:00 a.m. (local time) on June 11, 2019. For further information concerning this sale, contact Cody Stevens at 989-785-4251 extension 5240.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DAN EICHINGER  
Director

**TIMBER SALE INFORMATION**

Ferdelman Mix (54-006-18)

T33N, R04E, SEC. 15; T33N, R04E, SEC. 21; T33N, R04E, SEC. 22.  
Presque Isle County (Advertised Price \$79,833.85)

SALE NOTE: Payment Units 7 & 8 will likely require up to a 3/4 mile forwarding route. This route is steep, sometimes rocky with tight turns. Trucking out of the unit is extremely unlikely.

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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>		
B. T. Aspen	43.60 MBF	\$ 80.00 / MBF
Bl/R/Hybrid Oak	58.20 MBF	\$ 88.00 / MBF
Red Oak	42.20 MBF	\$ 179.00 / MBF
Red Pine	23.50 MBF	\$ 97.00 / MBF
White Oak	11.30 MBF	\$ 83.00 / MBF
White Pine	11.60 MBF	\$ 74.00 / MBF
<b>Pulpwood</b>		
Balsam Fir	69.00 Cords	\$ 22.75 / Cord
Jack Pine	25.00 Cords	\$ 19.75 / Cord
Mixed Aspen	1,618.00 Cords	\$ 23.35 / Cord
Mixed Hardwood	367.00 Cords	\$ 19.55 / Cord
Mixed Oak	333.00 Cords	\$ 24.10 / Cord
Red Pine	63.00 Cords	\$ 38.65 / Cord
White Pine	93.00 Cords	\$ 22.75 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 8.58 percent. 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:**

- A bond in the amount of \$3,992.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule:
  - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - The 10% down payment will be credited towards the first unit cut.
  - Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	2.7%
02	2.8%
03	3.2%
04	22.0%
05	19.9%
06	13.3%
07	18.7%
08	17.4%

- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 12/31/2021.

**Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	2.0	MBF	2.7	\$2,164.05
	Jack Pine	Pulpwood	9.0	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	1.1	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	7.0	<i>Cords</i>		
	Mixed Hardwood		64.0	Cords		
	<i>Sugar Maple</i>		64.0	<i>Cords</i>		
	Red Pine		14.0	Cords		
	2	B. T. Aspen	Sawtimber	1.1		
Red Oak		3.4	MBF			
Red Pine		1.3	MBF			
White Pine		0.4	MBF			
Jack Pine	Pulpwood	7.0	Cords			
<i>Jack Pine</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>			
<i>Jack Pine</i>	<i>Pulpwood</i>	6.0	<i>Cords</i>			
Mixed Aspen		17.0	Cords			
<i>B. T. Aspen</i>		17.0	<i>Cords</i>			
Mixed Hardwood		15.0	Cords			
<i>Red Maple</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>			
<i>Red Maple</i>	<i>Pulpwood</i>	3.0	<i>Cords</i>			
<i>Sugar Maple</i>		11.0	<i>Cords</i>			
Mixed Oak		8.0	Cords			
<i>Red Oak</i>		8.0	<i>Cords</i>			
Red Pine		9.0	Cords			
White Pine		1.0	Cords			
3	B. T. Aspen	Sawtimber	1.0	MBF	4.5	\$2,556.95
	Balsam Fir	Pulpwood	7.0	Cords		
	<i>Balsam Fir</i>		7.0	<i>Cords</i>		
	Mixed Aspen		44.0	Cords		
	<i>B. T. Aspen</i>		11.0	<i>Cords</i>		
	<i>Quaking Aspen</i>		33.0	<i>Cords</i>		
	Mixed Hardwood		66.0	Cords		
	<i>Paper Birch</i>	<i>Sawtimber</i>	1.6	<i>MBF</i>		
	<i>Red Maple</i>		1.8	<i>MBF</i>		
	<i>Sugar Maple</i>		0.6	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	7.0	<i>Cords</i>		
	<i>Red Maple</i>		45.0	<i>Cords</i>		
	<i>Sugar Maple</i>		6.0	<i>Cords</i>		
4	B. T. Aspen	Sawtimber	9.2	MBF	27.8	\$18,738.10
	BI/R/Hybrid Oak		19.8	MBF		
	White Pine		8.0	MBF		
	Balsam Fir	Pulpwood	48.0	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	2.2	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	44.0	<i>Cords</i>		
	Mixed Aspen		480.0	Cords		
	<i>Quaking Aspen</i>	<i>Sawtimber</i>	1.6	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	383.0	<i>Cords</i>		
	<i>Quaking Aspen</i>		94.0	<i>Cords</i>		
	Mixed Hardwood		61.0	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	2.2	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	57.0	<i>Cords</i>		
	Mixed Oak		44.0	Cords		
	<i>BI/R/Hybrid Oak</i>		44.0	<i>Cords</i>		
	White Pine		49.0	Cords		
5	B. T. Aspen	Sawtimber	10.8	MBF	22.1	\$15,912.80
	Red Oak		20.2	MBF		
	Balsam Fir	Pulpwood	13.0	Cords		

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	<i>Balsam Fir</i>	<i>Pulpwood</i>	13.0	<i>Cords</i>		
	Mixed Aspen		402.0	Cords		
	<i>B. T. Aspen</i>		326.0	<i>Cords</i>		
	<i>Quaking Aspen</i>		76.0	<i>Cords</i>		
	Mixed Hardwood		39.0	Cords		
	<i>Red Maple</i>		35.0	<i>Cords</i>		
	<i>Sugar Maple</i>		4.0	<i>Cords</i>		
	Mixed Oak		41.0	Cords		
	<i>Red Oak</i>		41.0	<i>Cords</i>		
6	B. T. Aspen	Sawtimber	13.0	MBF	9.6	\$10,649.55
	Red Oak		13.8	MBF		
	White Oak		3.4	MBF		
	White Pine		0.7	MBF		
	Mixed Aspen	Pulpwood	192.0	Cords		
	<i>B. T. Aspen</i>		192.0	<i>Cords</i>		
	Mixed Hardwood		6.0	Cords		
	<i>Red Maple</i>		5.0	<i>Cords</i>		
	<i>Yellow Birch</i>		1.0	<i>Cords</i>		
	Mixed Oak		66.0	Cords		
	<i>Red Oak</i>		51.0	<i>Cords</i>		
	<i>White Oak</i>		15.0	<i>Cords</i>		
	White Pine		27.0	Cords		
7	B. T. Aspen	Sawtimber	4.3	MBF	27.0	\$14,890.75
	BI/R/Hybrid Oak		19.4	MBF		
	Red Oak		2.4	MBF		
	Red Pine		15.3	MBF		
	White Oak		4.0	MBF		
	White Pine		2.5	MBF		
	Balsam Fir	Pulpwood	1.0	Cords		
	<i>Balsam Fir</i>		1.0	<i>Cords</i>		
	Jack Pine		5.0	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	3.0	<i>Cords</i>		
	Mixed Aspen		244.0	Cords		
	<i>B. T. Aspen</i>		241.0	<i>Cords</i>		
	<i>Quaking Aspen</i>		3.0	<i>Cords</i>		
	Mixed Hardwood		59.0	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	2.1	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	55.0	<i>Cords</i>		
	Mixed Oak		89.0	Cords		
	<i>BI/R/Hybrid Oak</i>		61.0	<i>Cords</i>		
	<i>Red Oak</i>		6.0	<i>Cords</i>		
	<i>White Oak</i>		22.0	<i>Cords</i>		
Red Pine		24.0	Cords			
White Pine		16.0	Cords			
8	B. T. Aspen	Sawtimber	4.2	MBF	26.5	\$13,872.80
	BI/R/Hybrid Oak		19.0	MBF		
	Red Oak		2.4	MBF		
	Red Pine		10.0	MBF		
	White Oak		3.9	MBF		
	White Pine		2.5	MBF		
	Jack Pine	Pulpwood	5.0	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	3.0	<i>Cords</i>		
	Mixed Aspen		239.0	Cords		
	<i>B. T. Aspen</i>		237.0	<i>Cords</i>		

**Description of Timber by Payment Unit (PU), con't**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	<i>Quaking Aspen</i>	<i>Pulpwood</i>	2.0	<i>Cords</i>		
	Mixed Hardwood		57.0	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	2.1	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	53.0	<i>Cords</i>		
	Mixed Oak		85.0	Cords		
	<i>Bl/R/Hybrid Oak</i>		59.0	<i>Cords</i>		
	<i>Red Oak</i>		5.0	<i>Cords</i>		
	<i>White Oak</i>		21.0	<i>Cords</i>		
	Red Pine		20.0	Cords		
	White Pine		15.0	Cords		
TOTAL:			198.0	MBF		
TOTAL:			2,588.0	Cords		



## Sale Specific Conditions & Requirements

**Sale Name: Ferdelman Mix**

**Sale Number: 54-006-18 Seq#: 1**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint, along with a road. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint, with the exception of the boundaries adjacent to County Road 634, which are unpainted and identified by the road. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected, with the exception of the boundary trees marked in red paint with the word "cut", which are Included Timber. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 2 - 8, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with green paint. In addition, the following exceptions apply:

- Within Payment Unit 3, do not cut any pine and oak.
- Within Payment Unit 5, do not cut any red and white pine.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 1, all trees are designated for cutting when marked with yellow paint above and below stump height, regardless of merchantability. Additionally, cut all jack pine trees, regardless of merchantability.

##### 2.1.15 - Hazard trees near roads (7/13)

Cut and remove all standing dead trees within 66 feet of the cleared portion of County Road 634. These trees must be scattered back into the sale area.

#### 2.2 - Utilization

##### 2.2.6 - Roundwood operation required (5/07)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) 3, 7, and 8. This is required to protect the slopes found in these units, the popular trails to camps on private land, and to enable the removal of cut timber on sometimes long and steep paths. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

##### 2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, tops or chips shall not be stored or stockpiled on site for more than 30 days.

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (6/14)

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

Within Payment Unit 2, if more than 25% of the red and white pine 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 \$250 per acre for all acreage within that specified portion of the sale area that was damaged.

No damage is acceptable to retained or residual merchantable trees in any payment unit. 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.

#### 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 green above and below stump height. These trees are either legacy trees or have important wildlife value. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

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

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

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

Road construction leading to Payment Unit 1 or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

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

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Upon closure, the road surface must also be restored and seeded with a DNR approved seed mixture. Contact the sale administrator for specific details of berm design and placement and road surface restoration.

#### 4.2 - Maintenance

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

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

### 5 - Operations

#### 5.1 - Notification

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

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to specify landings and road maintenance expectations, specifically in Payment Units 3 and 6 - 8. The Unit Manager or his/her representative must be contacted at least 10 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. This applies to the whole sale, but specifically to the closure of Payment Units 3 and 6 - 8.

#### 5.2 - Conduct of Operations

##### 5.2.1 - Slash

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

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

#### 5.2.2 - 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

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

Within Payment Unit(s) 1, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

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

Within Payment Unit(s) 2 and 4 - 8, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

##### 5.2.3.6 - Bark beetle restriction (12/08)

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

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

Timber harvesting in any Payment Unit must be completed before significant deciduous sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, skidding/forwarding and processing, must be completed either before deciduous sprouting occurs or within 30 calendar days of severing/cutting stem(s). If it is anticipated that these practices will be delayed, then merchantable material shall be carried to one central location or left within the Payment Unit. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete. Liquidated damages will be assessed according to specification 3.4.1 if the purchaser reenters the Payment Unit to retrieve merchantable material after sprouting begins.

#### 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) 4, 7, and 8, leave one, 10" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles. This can be an unmerchantable piece or a full tree.

##### 5.2.4.6 - Dead and down creation, other (9/09)

To create habitat for hare and other wildlife, leave piles of slash and tops at least four feet high and eight feet in diameter every 200 feet along swamp edges in Payment Units 7 & 8.

#### 5.2.20 - Equipment width (2/04)

Equipment used to remove designated rows must be capable of moving through cut rows without damaging residual trees.

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

Recommended landing areas are marked on the Timber Sale Map with the letter "L".

#### 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. Wood chips must not exceed a depth of 4" above the original grade over an area greater than one quarter acre.

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

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

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

Access roads to Payment Unit 3, the Lake Ferdelman boat launch, and Bamma Road are shown on the Timber Sale Map. Maintain a 20-foot wide slash, debris, and rut free zone daily, using these roads as the centerline. Slash shall be kept at least 10 feet from the edge of forest roads and property lines at all times. Skidding across these roads 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.

#### 5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

#### 5.4.4 - Slope protection (5/15)

Skid trails and roads on slopes shall be water barred with slash, stumps, and/or clean straw bales native to the area as soon as use is complete to prevent erosion.

### 5.8 - Protection of Endangered Species

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

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

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on access roads to Payment Unit 3, the Lake Ferdelman boat launch, and Bamma Road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



# TIMBER SALE MAP

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

Sale Number	Year
54 - 006	18

Forest Management Unit Atlanta FMU	County Presque Isle	Mapped By Natzke	Date 08/26/2018	Page 1	of 2
Township 33N	Range 04E	Section(s) and Subdivision(s) Sec. 15-SESW; Sec. 21-SENW, NE, W2SW; Sec. 22-SENW, SW	Scale 1:15,840		

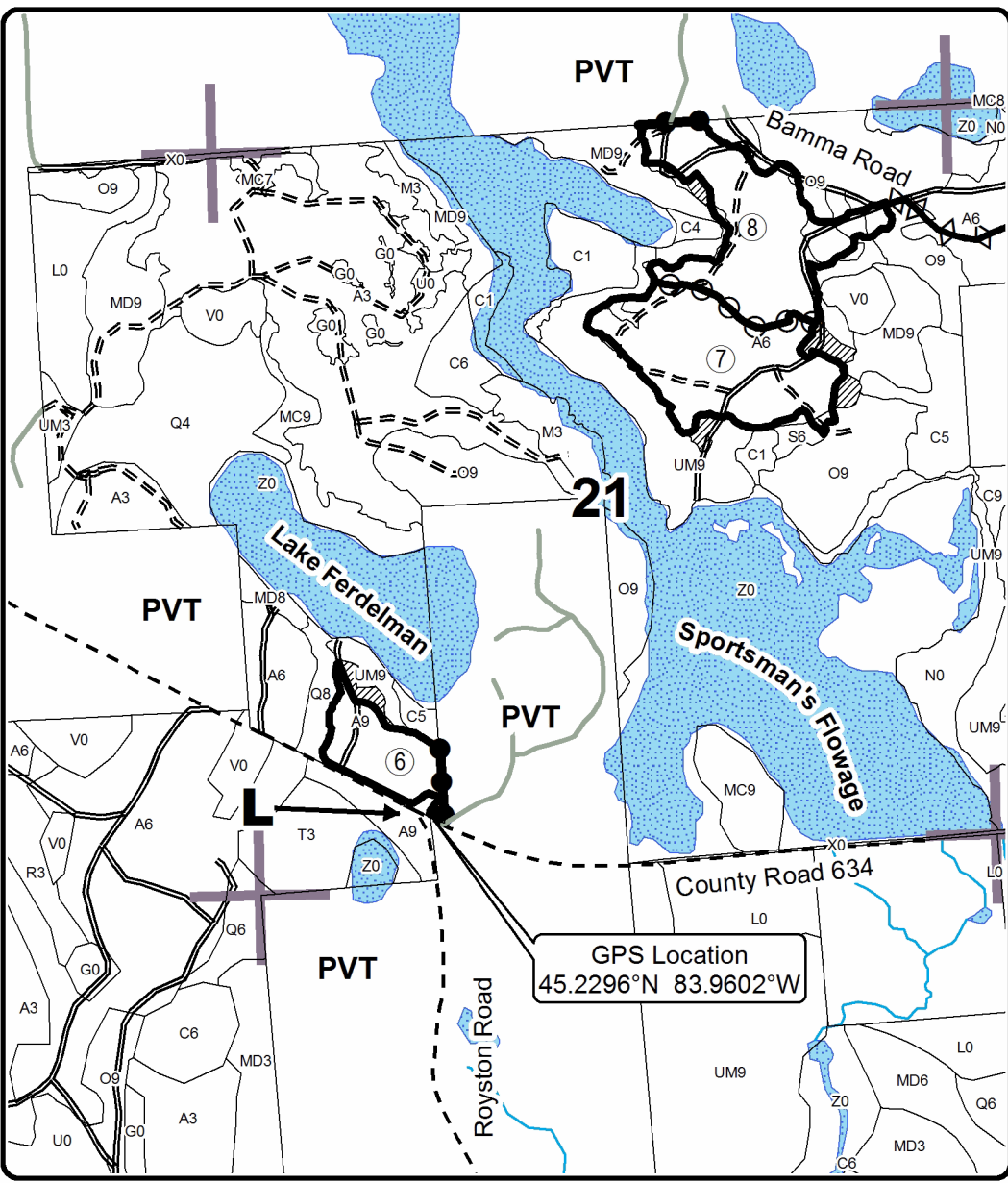
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium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

PU	Acres
6	9.6
7	27.0
8	26.5

## Ferdelman Mix

### Compartment 129

124.3 Acres

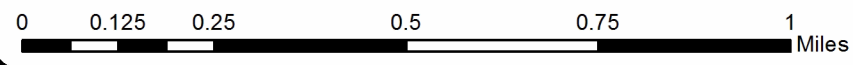
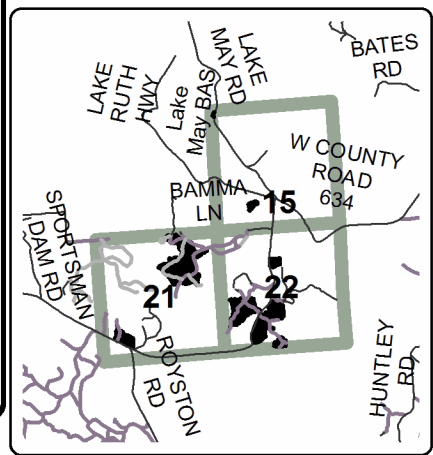


### Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- ◊ Suggested Forwarding Route
- L Suggested Landing
- Payment Unit
- ▨ Retention Area
- Stand Boundaries
- Section Corners
- Forest Road
- == Poor Dirt Road
- - Gravel Road
- Private Road
- ✕ Abandoned Railroad
- Perennial Streams
- ▒ Lakes



Locator Map  
1:100,000





# TIMBER SALE MAP

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

Sale Number	Year
54 - 006	18

Forest Management Unit Atlanta FMU	County Presque Isle	Mapped By Natzke	Date 08/26/2018	Page 2	of 2
Township 33N	Range 04E	Section(s) and Subdivision(s) Sec. 15-SESW; Sec. 21-SESW, NE, W2SW; Sec. 22-SESW, SW	Scale 1:15,840		

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

PU	Acres	PU	Acres
1	2.7	5	22.1
2	4.1	7	27.0
3	4.5	8	26.5
4	27.8		

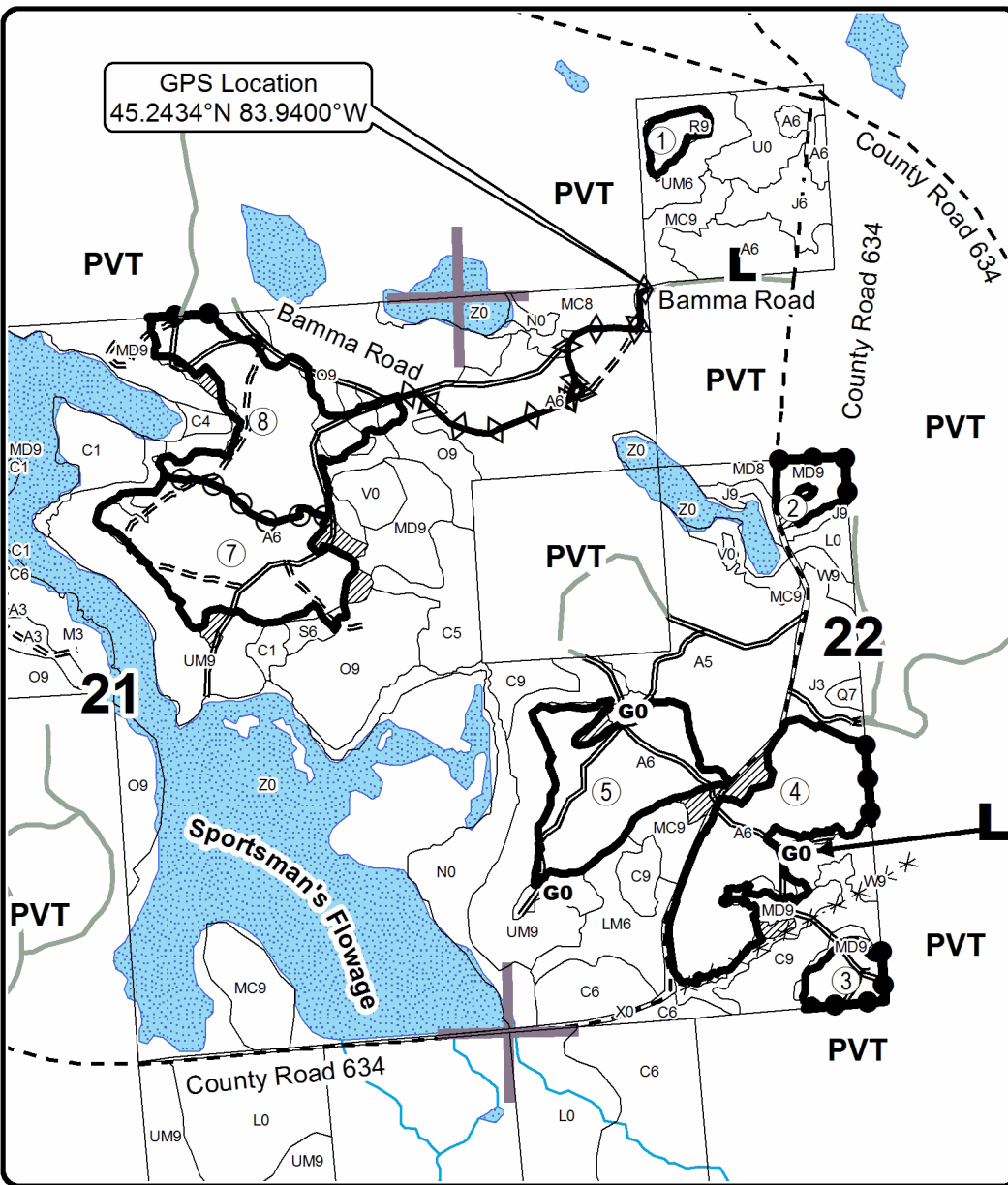
## Ferdelman Mix

### Compartment 129

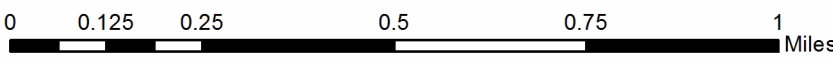
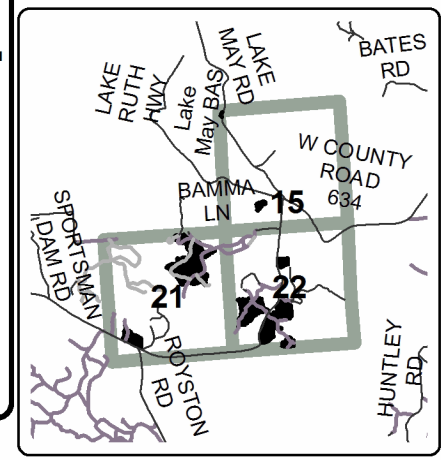
124.3 Acres

### Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Suggested Forwarding Route
- Suggested Landing
- Payment Unit
- Retention Area
- Stand Boundaries
- Section Corners
- Forest Road
- Poor Dirt Road
- Gravel Road
- Private Road
- Abandoned Railroad
- Perennial Streams
- Lakes



Locator Map  
1:100,000



**TIMBER SALE INFORMATION**

Revisit Red Pine (54-012-18)

T36N, R02E, SEC. 19; T36N, R02E, SEC. 20; T36N, R02E, SEC. 21.  
Presque Isle County (Advertised Price \$154,335.75)

SALE NOTE: 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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>		
Mixed Oak	18.50 MBF	\$ 101.00 / MBF
Red Pine	775.90 MBF	\$ 112.00 / MBF
White Pine	35.70 MBF	\$ 86.00 / MBF
<b>Pulpwood</b>		
Jack Pine	6.00 Cords	\$ 22.80 / Cord
Mixed Aspen	167.00 Cords	\$ 26.95 / Cord
Mixed Oak	101.00 Cords	\$ 27.80 / Cord
Red Maple	101.00 Cords	\$ 22.55 / Cord
Red Pine	1,032.00 Cords	\$ 44.60 / Cord
White Pine	257.00 Cords	\$ 26.25 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 10.28 percent. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

**BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$7,717.00 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	18.0%
02	34.0%
03	18.2%
04	19.0%
05	10.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2021.

**Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Oak	Sawtimber	1.9	MBF	22.7	\$27,750.35
	<i>BI/R/Hybrid Oak</i>		1.9	<i>MBF</i>		
	Red Pine		134.3	MBF		
	White Pine		2.3	MBF		
	Jack Pine	Pulpwood	2.0	Cords		
	Mixed Aspen		36.0	Cords		
	<i>B. T. Aspen</i>		36.0	<i>Cords</i>		
	Mixed Oak		24.0	Cords		
	<i>BI/R/Hybrid Oak</i>		24.0	<i>Cords</i>		
	Red Maple		5.0	Cords		
	Red Pine		223.0	Cords		
	White Pine		22.0	Cords		
2	Mixed Oak	Sawtimber	4.2	MBF	34.6	\$52,431.55
	<i>BI/R/Hybrid Oak</i>		4.2	<i>MBF</i>		
	Red Pine		268.3	MBF		
	White Pine		6.2	MBF		
	Mixed Aspen	Pulpwood	38.0	Cords		
	<i>B. T. Aspen</i>		38.0	<i>Cords</i>		
	Mixed Oak		22.0	Cords		
	<i>BI/R/Hybrid Oak</i>		22.0	<i>Cords</i>		
	Red Maple		6.0	Cords		
	Red Pine		413.0	Cords		
	White Pine		47.0	Cords		
	3	Mixed Oak	Sawtimber	4.5		
<i>BI/R/Hybrid Oak</i>			4.5	<i>MBF</i>		
Red Pine			137.9	MBF		
White Pine			9.0	MBF		
Jack Pine		Pulpwood	2.0	Cords		
Mixed Aspen			44.0	Cords		
<i>B. T. Aspen</i>		<i>Sawtimber</i>	3.2	<i>MBF</i>		
<i>B. T. Aspen</i>		<i>Pulpwood</i>	38.0	<i>Cords</i>		
Mixed Oak			19.0	Cords		
<i>BI/R/Hybrid Oak</i>			19.0	<i>Cords</i>		
Red Maple			43.0	Cords		
Red Pine			151.0	Cords		
White Pine		75.0	Cords			
4	Mixed Oak	Sawtimber	4.7	MBF	14.5	\$29,394.85
	<i>BI/R/Hybrid Oak</i>		4.7	<i>MBF</i>		
	Red Pine		143.9	MBF		
	White Pine		9.3	MBF		
	Jack Pine	Pulpwood	2.0	Cords		
	Mixed Aspen		47.0	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	3.3	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	40.0	<i>Cords</i>		
	Mixed Oak		20.0	Cords		
	<i>BI/R/Hybrid Oak</i>		20.0	<i>Cords</i>		
	Red Maple		45.0	Cords		
	Red Pine		158.0	Cords		
White Pine		79.0	Cords			
5	Mixed Oak	Sawtimber	3.2	MBF	14.8	\$16,653.10
	<i>BI/R/Hybrid Oak</i>		1.1	<i>MBF</i>		
	<i>Red Oak</i>		2.1	<i>MBF</i>		
	Red Pine		91.5	MBF		
	White Pine		8.9	MBF		
	Mixed Aspen	Pulpwood	2.0	Cords		
	<i>B. T. Aspen</i>		2.0	<i>Cords</i>		



**Description of Timber by Payment Unit (PU), con't**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Mixed Oak	Pulpwood	16.0	Cords		
	<i>Bl/R/Hybrid Oak</i>		13.0	<i>Cords</i>		
	<i>Red Oak</i>		3.0	<i>Cords</i>		
	Red Maple		2.0	Cords		
	Red Pine		87.0	Cords		
	White Pine		34.0	Cords		
TOTAL:			830.1	MBF		
TOTAL:			1,664.0	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Revisit Red Pine**

**Sale Number: 54-012-18 Seq#: 1**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (1/14)

The sale and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected, with the exception of the aspen along the northern edge of Payment Units 1 and 2. Harvest all aspen south of the snowmobile trail along the northern edge of Payment Units 1 and 2. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1-5, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with green paint within Payment Units 3, 4, and 5. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

#### 2.2 - Utilization

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

All Payment Units must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled within 60 days of severing/cutting stem(s). Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping in order to minimize the amount of residual slash. If the chipping deadline is not met/delayed, tops must be moved to a centralized location or damages will be collected and determined by the cost to complete the work. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

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

Stump heights within all Payment Units shall not exceed 6 inches for all trees. 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) \$25,000 in value or greater 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 Supplement. There will be only one division per Payment Unit.

#### 3.4 - Damaged Timber

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

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

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

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

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

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 only will be allowed.

### 4.2 - Maintenance

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

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

## 5 - Operations

### 5.1 - Notification

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

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations within a Payment Unit to determine landing and road locations.

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

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

#### 5.1.6 - Utility R.O.W. (1/15)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations. Michigan Electric Transmission Company is the utility contact.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

No brush or logging debris is to be left in the wildlife opening which is indicated by G0 on the Timber Sale Map north of Payment Units 1 and 2. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-5, unless changed by written agreement, hauling is not permitted from 5:00 P.M. Friday evening through 6:00 A.M. Monday morning during the period of December 1 to March 31. This restriction is due to the necessity of using the snowmobile trail for hauling wood from the sale.

##### 5.2.3.6 - Bark beetle restriction (12/08)

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

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

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

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

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

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

ORV trails run through Payment Units 1-4 and are shown on the Timber Sale Map. All stumps within 5 feet of the trails must be cut flush with the ground. Maintain a 10 foot wide slash, debris, and rut free zone daily using the ORV trails as the centerline. Do not run equipment down the ORV trails. Skidding across an ORV trail may only occur in locations approved by the sale administrator.

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

A snowmobile trail/ORV route 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. All stumps within 10 feet of the snowmobile trail must be cut at ground level. If operations occur during the December 1 to March 31 period, all wood must be decked at least 20 feet back from the centerline of the snowmobile trail. The snowmobile trail may not be used for any timber sale operations on weekends from 5:00 P.M. Friday evening through 6:00 A.M. Monday morning during the December 1 to March 31 period, unless approved by the Unit Manager or his/her representative.

### 5.4 - Soil Protection

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

Operations are to cease immediately if equipment and weather conditions result in rutting of 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 on-site evaluation and recommendation can be made, if necessary.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trails/ORV routes and ORV 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.

## 8 - Performance and Settlement

### 8.3 - Uncompleted or Terminated Contracts

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

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



# TIMBER SALE MAP

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

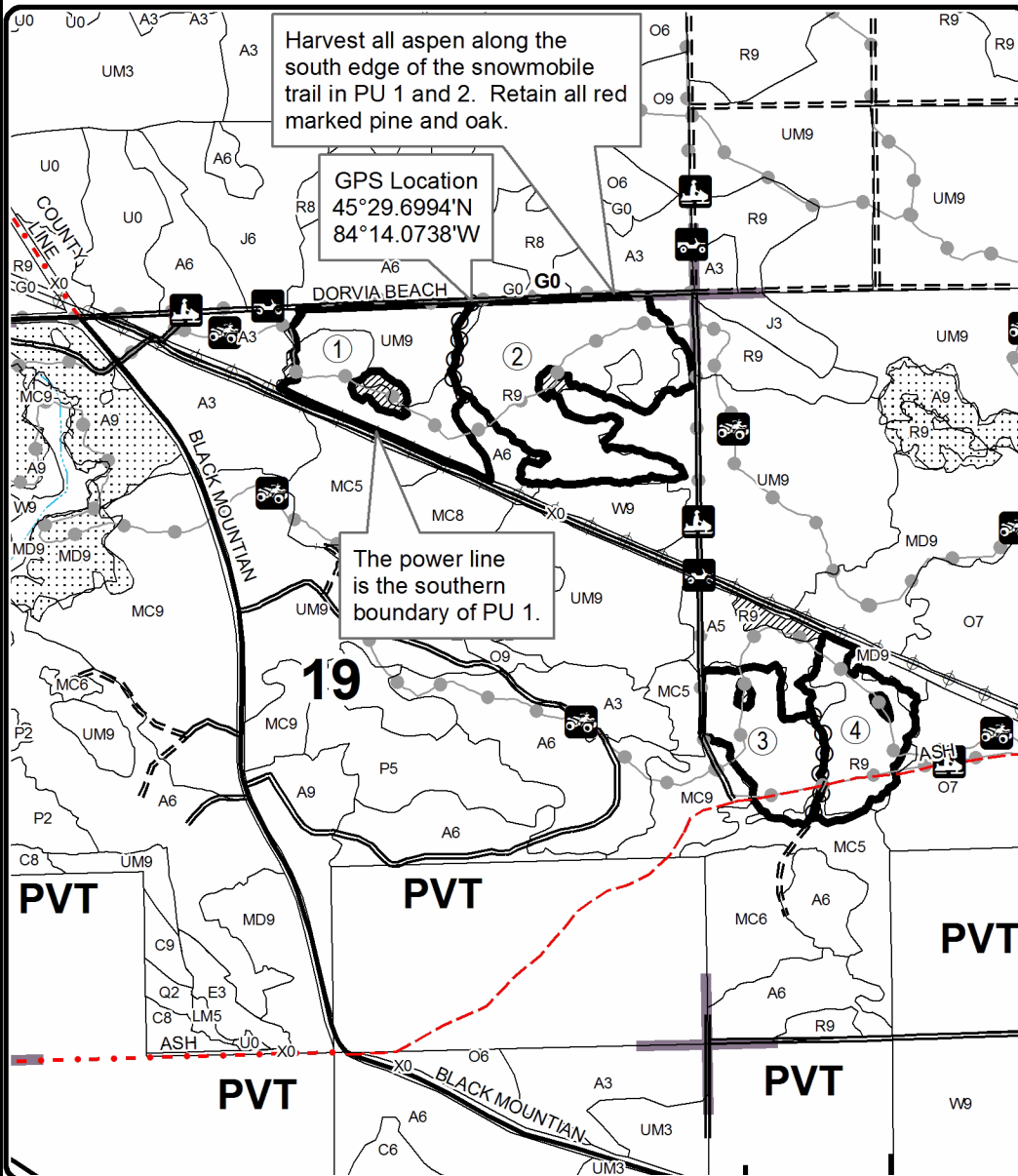
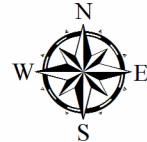
Sale Number	Year
54-012	18

Forest Management Unit Atlanta	County Presque Isle	Mapped By Dale Parris	Date 07/01/2018	Page 1	of 2
Township 36N	Range 02E	Section(s) and Subdivision(s) Sec 19 NENE, NWNE, NENW Sec 20 SWNW, NESW, NWSW; Sec 21 NENW	Scale 1:15,840		

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

PU	Stand	Acres
1	26, 27	22.7
2	26, 27	34.6
3	45	13.9
4	45	14.5
5	73	14.8

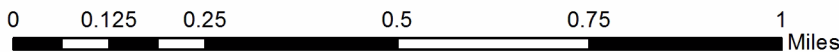
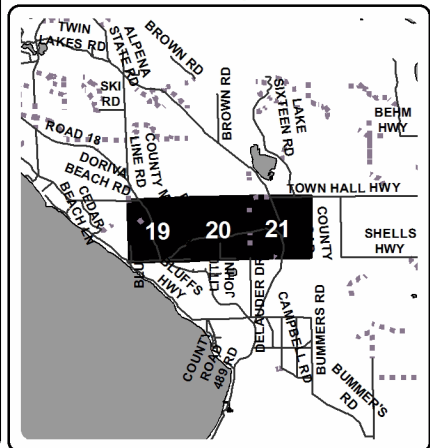
## Revisit Red Pine Compartment 157 100.5 Acres



### Legend

- Against State (Red)
- Payment Unit (Yellow)
- ▨ Retention Area (Red)
- Stand Boundaries
- ⋯ Nearby Timber Sales
- Payment Unit
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- Recreational Trail
- ⋯ Intermittent Stream
- ⊕ Powerline
- Section Corners

Locator Map  
1:200,000





# TIMBER SALE MAP

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

Forest Management Unit Atlanta		County Presque Isle	Mapped By Dale Parris	Date 07/11/2018	Page 2	of 2
Township 36N	Range 02E	Section(s) and Subdivision(s) Sec 19 NENE, NWNE, NENW Sec 20 SWNW, NESW, NWSW; Sec 21 NENW		Scale 1:15,840		

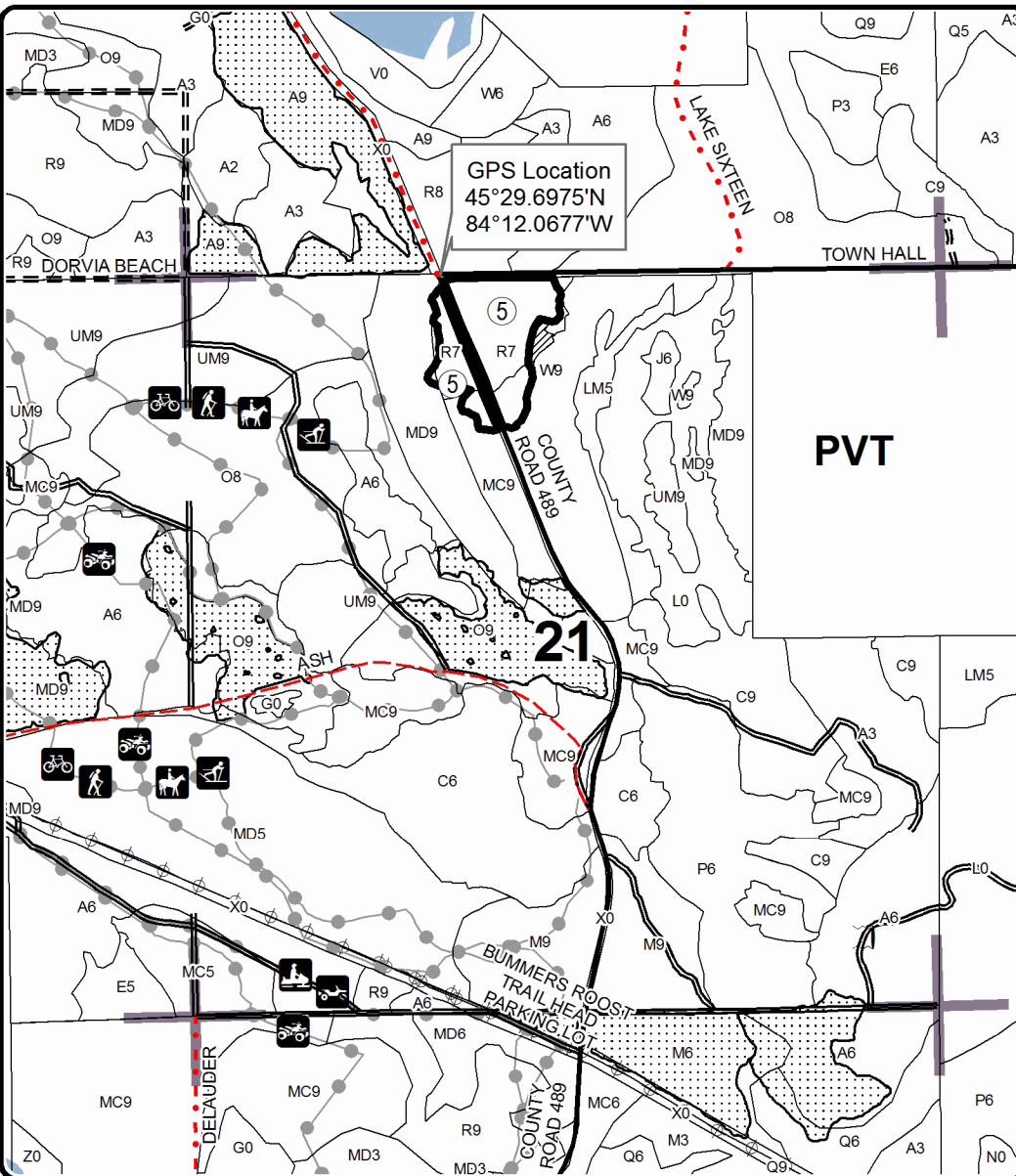
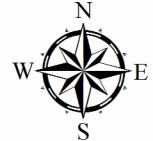
Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling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

PU	Stand	Acres
1	26, 27	22.7
2	26, 27	34.6
3	45	13.9
4	45	14.5
5	73	14.8

## Revisit Red Pine

### Compartment 157

100.5 Acres

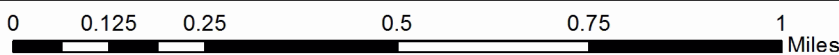
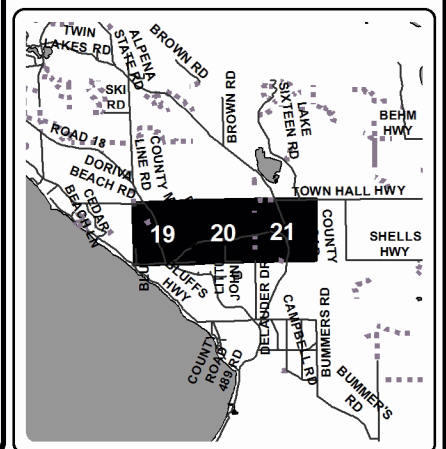


### Legend

- Against State (Red)
- Retention Area
- Stand Boundaries
- Nearby Timber Sales
- Payment Unit
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Recreational Trail
- Powerline
- Lakes and Rivers
- Section Corners

### Locator Map

1:200,000



TIMBER SALE INFORMATION

3 Fast 5 Me Aspen (54-019-18)

T33N, R04E, SEC. 26.

Presque Isle County (Advertised Price \$33,135.75)

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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Mixed Aspen	23.10 MBF	\$ 93.00 / MBF
Red Maple	2.00 MBF	\$ 138.00 / MBF
Red Oak	36.10 MBF	\$ 207.00 / MBF
Red Pine	29.80 MBF	\$ 112.00 / MBF
Pulpwood		
Mixed Aspen	317.00 Cords	\$ 26.95 / Cord
Mixed Hardwood	113.00 Cords	\$ 22.55 / Cord
Red Oak	233.00 Cords	\$ 27.80 / Cord
Red Pine	47.00 Cords	\$ 44.60 / Cord
White Pine	9.00 Cords	\$ 26.25 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 15.25 percent. 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 \$1,657.00 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	44.8%
02	55.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2021.

**Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Mixed Aspen	Sawtimber	10.4	MBF	18.2	\$14,860.60	
	<i>B. T. Aspen</i>		10.1	<i>MBF</i>			
	<i>Quaking Aspen</i>		0.3	<i>MBF</i>			
	Red Maple		0.9	MBF			
	Red Oak		16.2	MBF			
	Red Pine		13.4	MBF			
	Mixed Aspen		Pulpwood	142.0			Cords
	<i>B. T. Aspen</i>			139.0			<i>Cords</i>
	<i>Quaking Aspen</i>			3.0			<i>Cords</i>
	Mixed Hardwood			50.0			Cords
	<i>Paper Birch</i>			1.0			<i>Cords</i>
	<i>Red Maple</i>			49.0			<i>Cords</i>
	Red Oak			105.0			Cords
	Red Pine			21.0			Cords
	White Pine			4.0			Cords
2	Mixed Aspen	Sawtimber		12.7	MBF	22.3	\$18,275.15
	<i>B. T. Aspen</i>		12.4	<i>MBF</i>			
	<i>Quaking Aspen</i>		0.3	<i>MBF</i>			
	Red Maple		1.1	MBF			
	Red Oak		19.9	MBF			
	Red Pine		16.4	MBF			
	Mixed Aspen		Pulpwood	175.0	Cords		
	<i>B. T. Aspen</i>			171.0	<i>Cords</i>		
	<i>Quaking Aspen</i>			4.0	<i>Cords</i>		
	Mixed Hardwood			63.0	Cords		
	<i>Paper Birch</i>			2.0	<i>Cords</i>		
	<i>Red Maple</i>			61.0	<i>Cords</i>		
	Red Oak			128.0	Cords		
	Red Pine			26.0	Cords		
	White Pine			5.0	Cords		
TOTAL:				91.0	MBF		
TOTAL:			719.0	Cords			



# Sale Specific Conditions & Requirements

**Sale Name: 3 Fast 5 Me Aspen**

**Sale Number: 54-019-18 Seq#: 1**

## 1 - Sale Area

### 1.2 - Boundaries

#### 1.2.1 - Painted boundaries (1/14)

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

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH. 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

#### 3.4.1 - Damaged timber (6/14)

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 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.

#### 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 red pine with a DBH of 26" or greater. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

## 4 - Transportation

### 4.1 - Construction

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

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

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

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.

### 4.2 - Maintenance

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

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

sale.

## 5 - Operations

### 5.1 - Notification

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

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

#### 5.1.4 - 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.

#### 5.1.6 - Utility R.O.W. (1/15)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

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

#### 5.2.2 - 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

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

Within Payment Unit(s) 1 and 2, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

#### 5.2.4 - Dead and Down Creation

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

To encourage grouse and other wildlife, in Payment Unit(s) 1 and 2, leave one, 12" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

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

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

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

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

### 5.4 - Soil Protection

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

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

#### 5.8 - Protection of Endangered Species

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

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

### **6 - Safety and Fire Prevention**

#### 6.2 - Signing

##### 6.2.1 - Road posting (9/09)

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



# TIMBER SALE MAP

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

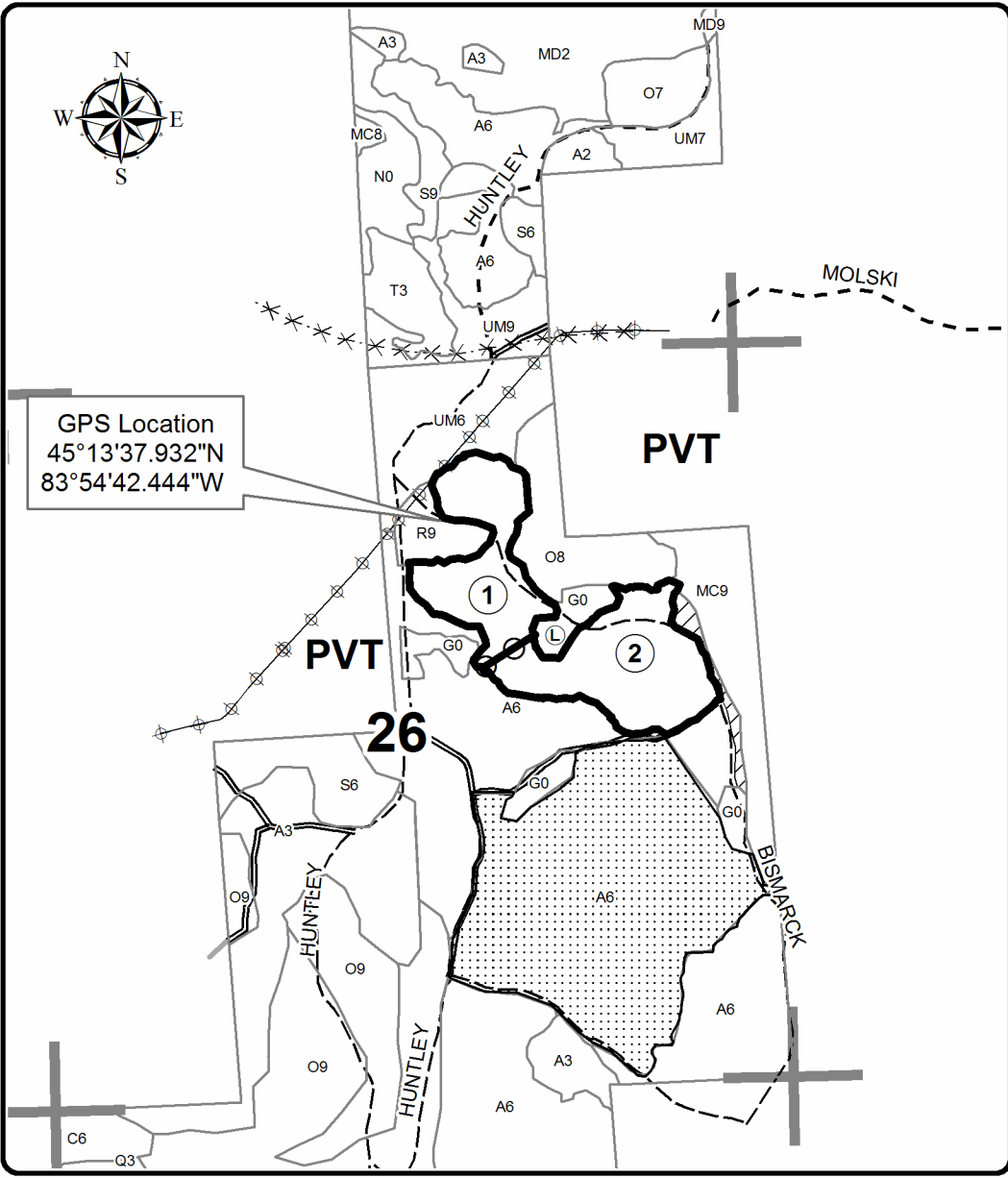
Forest Management Unit Atlanta	County Presque Isle	Mapped By Joyanne Mittig	Date 08/06/2018	Page 1	of 1
Township 33N	Range 04E	Section(s) and Subdivision(s) NWNE,S1/2NE,NESE	Cruised By Joyanne Mittig	Scale 1:15,840	

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

PU	Acres
1	18.2
2	22.3

## 3 Fast 5 Me Aspen

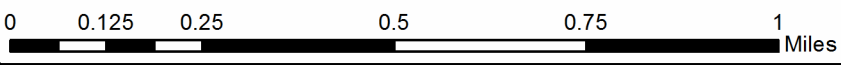
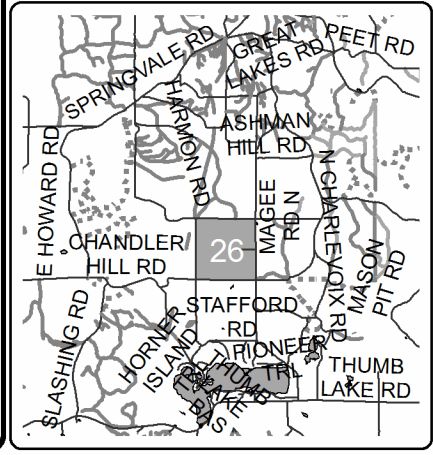
Compartment 130  
40.5 Acres



### Legend

- Against State (Red)
- Payment Unit (Yellow)
- Retention Area
- Nearby Timber Sales
- PU\_Label
- Landing
- Stand Boundary
- Secondary Forest Road
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private
- Powerline
- Abandoned Railroad
- Section Corners

Locator Map  
1:200,000



## TIMBER SALE INFORMATION

### 489 Black Mountain Mix (54-023-18)

T36N, R01E, SEC. 24; T36N, R02E, SEC. 19; T36N, R02E, SEC. 20; T36N, R02E, SEC. 21.  
Presque Isle County (Advertised Price \$141,600.90)

SALE NOTE: 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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>			
B. T. Aspen	104.70	MBF	\$ 93.00 / MBF
Bl/R/Hybrid Oak	40.20	MBF	\$ 101.00 / MBF
Red Maple	8.20	MBF	\$ 138.00 / MBF
Red Oak	61.00	MBF	\$ 207.00 / MBF
Red Pine	181.40	MBF	\$ 112.00 / MBF
White Pine	10.10	MBF	\$ 86.00 / MBF
<b>Pulpwood</b>			
B. T. Aspen	1,379.00	Cords	\$ 26.95 / Cord
Balsam Fir	23.00	Cords	\$ 26.25 / Cord
Jack Pine	20.00	Cords	\$ 22.80 / Cord
Mixed Hardwood	481.00	Cords	\$ 22.55 / Cord
Mixed Oak	612.00	Cords	\$ 27.80 / Cord
Paper Birch	59.00	Cords	\$ 23.80 / Cord
Red Pine	387.00	Cords	\$ 44.60 / Cord
White Pine	309.00	Cords	\$ 26.25 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 9.04 percent. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

1. A bond in the amount of \$7,080.00 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	11.0%
02	11.6%
03	8.0%
04	3.8%
05	15.3%
06	6.8%
07	5.5%
08	16.2%
09	7.0%
10	6.6%
11	8.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2021.

**Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	3.9	MBF	11.2	\$15,528.65
	BI/R/Hybrid Oak		2.8	MBF		
	Red Pine		51.1	MBF		
	B. T. Aspen	Pulpwood	70.0	Cords		
	Jack Pine		3.0	Cords		
	Mixed Hardwood		7.0	Cords		
	<i>Red Maple</i>		7.0	<i>Cords</i>		
	Mixed Oak		32.0	Cords		
	<i>BI/R/Hybrid Oak</i>		32.0	<i>Cords</i>		
	Red Pine		131.0	Cords		
	White Pine		12.0	Cords		
2	B. T. Aspen	Sawtimber	22.7	MBF	14.4	\$16,472.50
	BI/R/Hybrid Oak		2.4	MBF		
	Red Maple		0.2	MBF		
	Red Pine		9.2	MBF		
	White Pine		0.7	MBF		
	B. T. Aspen	Pulpwood	340.0	Cords		
	Balsam Fir		2.0	Cords		
	<i>Balsam Fir</i>		2.0	<i>Cords</i>		
	Jack Pine		6.0	Cords		
	Mixed Hardwood		20.0	Cords		
	<i>Red Maple</i>		20.0	<i>Cords</i>		
	Mixed Oak		16.0	Cords		
	<i>BI/R/Hybrid Oak</i>		16.0	<i>Cords</i>		
	Red Pine		37.0	Cords		
White Pine		42.0	Cords			
3	B. T. Aspen	Sawtimber	7.3	MBF	16.0	\$11,349.70
	BI/R/Hybrid Oak		5.1	MBF		
	Red Pine		16.4	MBF		
	White Pine		1.4	MBF		
	B. T. Aspen	Pulpwood	147.0	Cords		
	Balsam Fir		5.0	Cords		
	<i>Balsam Fir</i>		5.0	<i>Cords</i>		
	Jack Pine		11.0	Cords		
	Mixed Hardwood		7.0	Cords		
	<i>Black Cherry</i>		3.0	<i>Cords</i>		
	<i>Red Maple</i>		4.0	<i>Cords</i>		
	Mixed Oak		25.0	Cords		
	<i>BI/R/Hybrid Oak</i>		25.0	<i>Cords</i>		
	Red Pine		42.0	Cords		
White Pine		43.0	Cords			
4	B. T. Aspen	Sawtimber	4.1	MBF	8.9	\$5,372.45
	BI/R/Hybrid Oak		2.1	MBF		
	Red Maple		0.5	MBF		
	Red Oak		1.1	MBF		
	Red Pine		2.2	MBF		
	White Pine		0.6	MBF		
	B. T. Aspen	Pulpwood	33.0	Cords		
	Balsam Fir		16.0	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	1.9	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	12.0	<i>Cords</i>		
	Mixed Hardwood		28.0	Cords		
	<i>Red Maple</i>		28.0	<i>Cords</i>		
	Mixed Oak		28.0	Cords		
	<i>BI/R/Hybrid Oak</i>		21.0	<i>Cords</i>		
	<i>Red Oak</i>		7.0	<i>Cords</i>		

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Paper Birch	Pulpwood	3.0	Cords		
	<i>Paper Birch</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	2.0	<i>Cords</i>		
	Red Pine		3.0	Cords		
	White Pine		48.0	Cords		
5	B. T. Aspen	Sawtimber	5.0	MBF	10.3	\$21,697.90
	BI/R/Hybrid Oak		4.6	MBF		
	Red Maple		0.7	MBF		
	Red Oak		3.9	MBF		
	Red Pine		78.4	MBF		
	White Pine		0.4	MBF		
	B. T. Aspen	Pulpwood	108.0	Cords		
	Mixed Hardwood		38.0	Cords		
	<i>Red Maple</i>		38.0	<i>Cords</i>		
	Mixed Oak		46.0	Cords		
	<i>BI/R/Hybrid Oak</i>		21.0	<i>Cords</i>		
	<i>Red Oak</i>		25.0	<i>Cords</i>		
	Red Pine		124.0	Cords		
	White Pine		18.0	Cords		
	6		B. T. Aspen	Sawtimber		
BI/R/Hybrid Oak		6.1	MBF			
Red Maple		0.3	MBF			
Red Oak		3.0	MBF			
Red Pine		17.0	MBF			
White Pine		0.7	MBF			
B. T. Aspen		Pulpwood	81.0	Cords		
Mixed Hardwood			18.0	Cords		
<i>Red Maple</i>			18.0	<i>Cords</i>		
Mixed Oak			50.0	Cords		
<i>BI/R/Hybrid Oak</i>			30.0	<i>Cords</i>		
<i>Red Oak</i>			20.0	<i>Cords</i>		
Red Pine			26.0	Cords		
White Pine			27.0	Cords		
7	B. T. Aspen	Sawtimber	9.2	MBF	8.6	\$7,839.00
	Red Maple		1.2	MBF		
	Red Oak		10.3	MBF		
	Red Pine		0.2	MBF		
	White Pine		0.5	MBF		
	B. T. Aspen	Pulpwood	73.0	Cords		
	Mixed Hardwood		67.0	Cords		
	<i>Basswood</i>		1.0	<i>Cords</i>		
	<i>Beech</i>		12.0	<i>Cords</i>		
	<i>Red Maple</i>		46.0	<i>Cords</i>		
	<i>Sugar Maple</i>		8.0	<i>Cords</i>		
	Mixed Oak		26.0	Cords		
	<i>Red Oak</i>		26.0	<i>Cords</i>		
	Paper Birch		11.0	Cords		
	<i>Paper Birch</i>		11.0	<i>Cords</i>		
White Pine	6.0	Cords				
8	B. T. Aspen	Sawtimber	26.7	MBF	24.9	\$22,682.95
	Red Maple		3.3	MBF		
	Red Oak		29.7	MBF		
	Red Pine		0.4	MBF		
	White Pine		1.5	MBF		
	B. T. Aspen	Pulpwood	212.0	Cords		
	Mixed Hardwood		195.0	Cords		

**Description of Timber by Payment Unit (PU), con't**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	<i>Basswood</i>	<i>Pulpwood</i>	2.0	<i>Cords</i>		
	<i>Beech</i>		36.0	<i>Cords</i>		
	<i>Red Maple</i>		133.0	<i>Cords</i>		
	<i>Sugar Maple</i>		24.0	<i>Cords</i>		
	Mixed Oak		74.0	<i>Cords</i>		
	<i>Red Oak</i>		74.0	<i>Cords</i>		
	Paper Birch		31.0	<i>Cords</i>		
	<i>Paper Birch</i>		31.0	<i>Cords</i>		
	Red Pine		1.0	<i>Cords</i>		
	White Pine		18.0	<i>Cords</i>		
9	B. T. Aspen	Sawtimber	11.7	MBF	10.9	\$9,947.15
	Red Maple		1.5	MBF		
	Red Oak		13.0	MBF		
	Red Pine		0.2	MBF		
	White Pine		0.7	MBF		
	B. T. Aspen	Pulpwood	93.0	<i>Cords</i>		
	Mixed Hardwood		86.0	<i>Cords</i>		
	<i>Basswood</i>		1.0	<i>Cords</i>		
	<i>Beech</i>		16.0	<i>Cords</i>		
	<i>Red Maple</i>		58.0	<i>Cords</i>		
	<i>Sugar Maple</i>		11.0	<i>Cords</i>		
	Mixed Oak		32.0	<i>Cords</i>		
	<i>Red Oak</i>		32.0	<i>Cords</i>		
	Paper Birch		14.0	<i>Cords</i>		
	<i>Paper Birch</i>		14.0	<i>Cords</i>		
	White Pine		8.0	<i>Cords</i>		
	10	BI/R/Hybrid Oak	Sawtimber	6.1		
Red Pine			5.7	MBF		
White Pine			1.3	MBF		
B. T. Aspen		Pulpwood	95.0	<i>Cords</i>		
Mixed Hardwood			13.0	<i>Cords</i>		
<i>Red Maple</i>			13.0	<i>Cords</i>		
Mixed Oak			117.0	<i>Cords</i>		
<i>BI/R/Hybrid Oak</i>			117.0	<i>Cords</i>		
Red Pine			18.0	<i>Cords</i>		
White Pine			42.0	<i>Cords</i>		
11	B. T. Aspen	Sawtimber	8.0	MBF	15.2	\$11,675.80
	BI/R/Hybrid Oak		11.0	MBF		
	Red Maple		0.5	MBF		
	Red Pine		0.6	MBF		
	White Pine		2.3	MBF		
	B. T. Aspen	Pulpwood	127.0	<i>Cords</i>		
	Mixed Hardwood		2.0	<i>Cords</i>		
	<i>Red Maple</i>		2.0	<i>Cords</i>		
	Mixed Oak		166.0	<i>Cords</i>		
	<i>BI/R/Hybrid Oak</i>		166.0	<i>Cords</i>		
	Red Pine		5.0	<i>Cords</i>		
	White Pine		45.0	<i>Cords</i>		
TOTAL:			405.6	MBF		
TOTAL:			3,270.0	<i>Cords</i>		



## Sale Specific Conditions & Requirements

**Sale Name: 489 Black Mountain Mix**

**Sale Number: 54-023-18 Seq#: 1**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (1/14)

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

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1-11, cut all trees that are two (2) inches or more at DBH, except do not cut any hemlock or cedar. In addition, do not cut any green marked trees within Payment Units 2, 3, 4, and 7-11. 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

#### 3.3 - Pre-measured Sales

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

Payment Unit(s) \$20,000 in value or greater 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 Supplement. There will be only one division per Payment Unit.

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (6/14)

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

Within Payment Units 2 and 4-11, if more than 25% of the oak and pine 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 \$50 per acre for all acreage within that specified portion of the sale area that was damaged.

No damage is acceptable to undesignated 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.

##### 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 26 inches in DBH or greater and are marked with green paint. Special protection trees also include all hemlock. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 per green marked tree and \$50 per hemlock as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 4 - Transportation

#### 4.1 - Construction

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

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

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

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 only will be allowed.

### 4.2 - Maintenance

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

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, all forest roads 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

#### 5.1.4 - 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.

#### 5.1.6 - Utility R.O.W. (1/15)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

No brush or logging debris is to be left in the maintained wildlife opening indicated by G0 on the Timber Sale Map. In addition, no operations are to take place in the opening south of Payment Unit 10, indicated with a G on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 5.2.2 - Hazard Trees/Snags

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

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

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-4 and 9, unless approved by the Unit Manager, hauling is not permitted from 5:00 P.M. Friday evening through 6:00 A.M. Monday morning during the December 1 to March 31 period. This restriction is due to the necessity of using the snowmobile trail for hauling wood from the sale.

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

Within Payment Unit(s) 8, 10, and 11, unless approved by the Unit Manager, cutting, skidding, and hauling are not permitted during the Period of December 1 to April 30. This restriction is due to the Black Mountain Pathway (Skiing) running through and adjacent to these Payment Units.

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

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

#### 5.2.3.6 - Bark beetle restriction (12/08)

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

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

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

### 5.2.4 - Dead and Down Creation

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

To encourage grouse and other wildlife, in Payment Unit(s) 2 and 5-11, leave one, 10" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. These will be evenly scattered throughout the unit. This can be an unmerchantable piece or a full tree.

#### 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 Bummers Roost Trail 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. Trees with ORV 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. 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.

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

The Black Mountain Pathway is a bike, hiking, horse, and ski trail system and is shown on the Timber Sale Map running through and adjacent to Payment Units 8, 10, and 11. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Due to ski season, cutting, skidding, and hauling are not permitted during the Period of December 1 to April 30, unless approved by the Unit Manager or his/her representative. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

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

A snowmobile trail/ORV route is shown on the Timber Sale Map running through and adjacent to Payment Units 1-4 and 9. 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. If operations occur during the December 1 to March 31 period, all wood must be decked at least 20 feet back from the centerline of the snowmobile trail. The snowmobile trail may not be used for any timber sale operations on weekends during the period of December 1 to March 31, unless approved by the Unit Manager or his/her representative. 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. All stumps within 10 feet of the snowmobile trail must be cut at ground level.

#### 5.2.43 - Opening protection (12/08)

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

### 5.4 - Soil Protection

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

Operations are to cease immediately if equipment and weather conditions result in rutting of 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 on-site evaluation and recommendation can be made, if necessary.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (9/09)

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

#### 6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on all motorized and unmotorized recreational trails and pathways 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.



# TIMBER SALE MAP

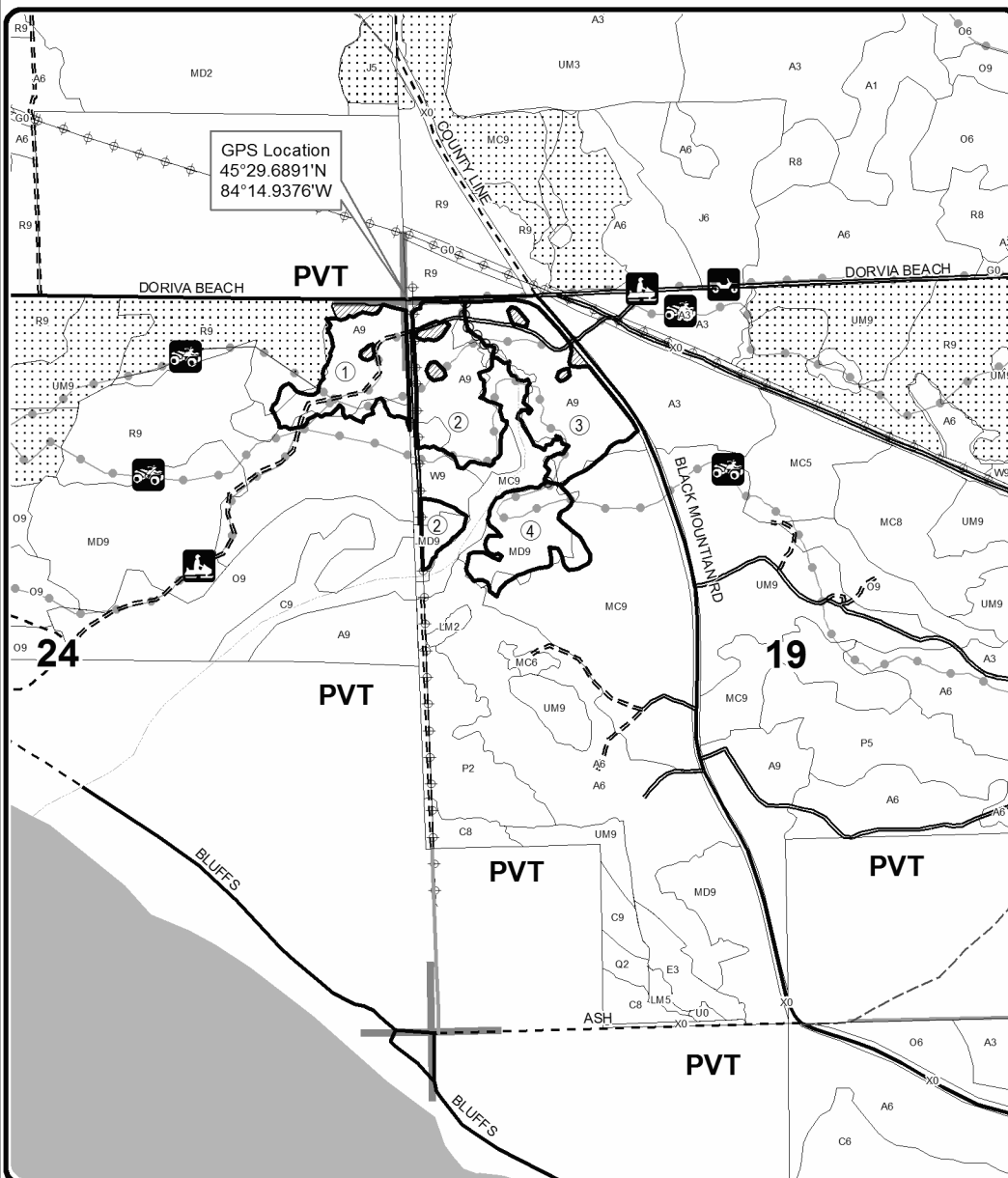
This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Atlanta	County Presque Isle and Cheboygan	Mapped By Dale Parris	Date 8/15/2018	Page 1	of 2
Township 36N	Range 01E & 02E	Section(s) and Subdivision(s) T36N R01E Sec 24 NENE T36N R02E Sec 19 N1/2NW, SWNW; Sec 20 N1/2NW, SENW, NWNE, S1/2NE, NESW, N1/2SE; Sec 21 S1/2NW, SWNE, N1/2SW, NWSE	Scale 1:15,840		

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

PU	Stand	Acres	PU	Stand	Acres
1	8	11.2	7	37	8.6
2	18,121	14.4	8	37	24.9
3	119	16.0	9	37	10.9
4	23	8.9	10	53	13.1
5	12, 75	10.3	11	47	15.2
6	12	7.7			

## 489 Black Mountain Mix Compartment 157 and 177 141.2 Acres

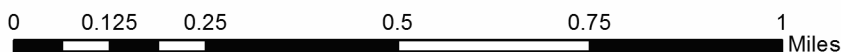
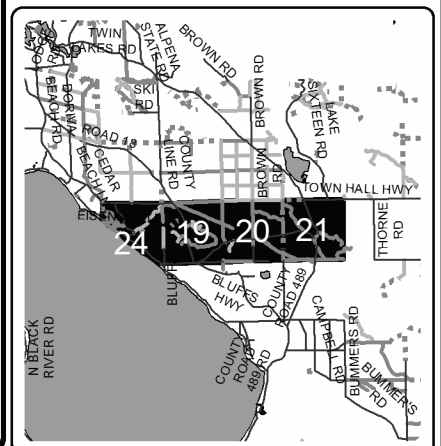


### Legend

**Sale Boundary**

- Against State (Red)
- ⊗ Payment Unit (Yellow)
- Stand Boundaries
- ▨ Retention Area (Red)
- ⋯ Nearby Timber Sales
- Payment Unit
- == Secondary Forest Road
- ≡ Forest Access Route
- Paved Road
- - - Gravel Road
- - - County Road - Seasonal
- Private
- Recreational Trail
- ⊕ Powerline
- ⋯ Intermittent Stream
- Lakes and Rivers
- Section Corners

Locator Map  
1:200,000





# TIMBER SALE MAP

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

Sale Number	Year
54-023	18

Forest Management Unit Atlanta	County Presque Isle and Cheboygan	Mapped By Dale Parris	Date 8/15/2018	Page 2	of 2
Township 36N	Range 01E & 02E	Section(s) and Subdivision(s) T36N R01E Sec 24 NENE T36N R02E Sec 19 N1/2NW, SWNW; Sec 20 N1/2NW, SENW, NWNE, S1/2NE, NESW, N1/2SE; Sec 21 S1/2NW, SWNE, N1/2SW, NWSE	Scale 1:15,840		

### Cover Type

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
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E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

### Density

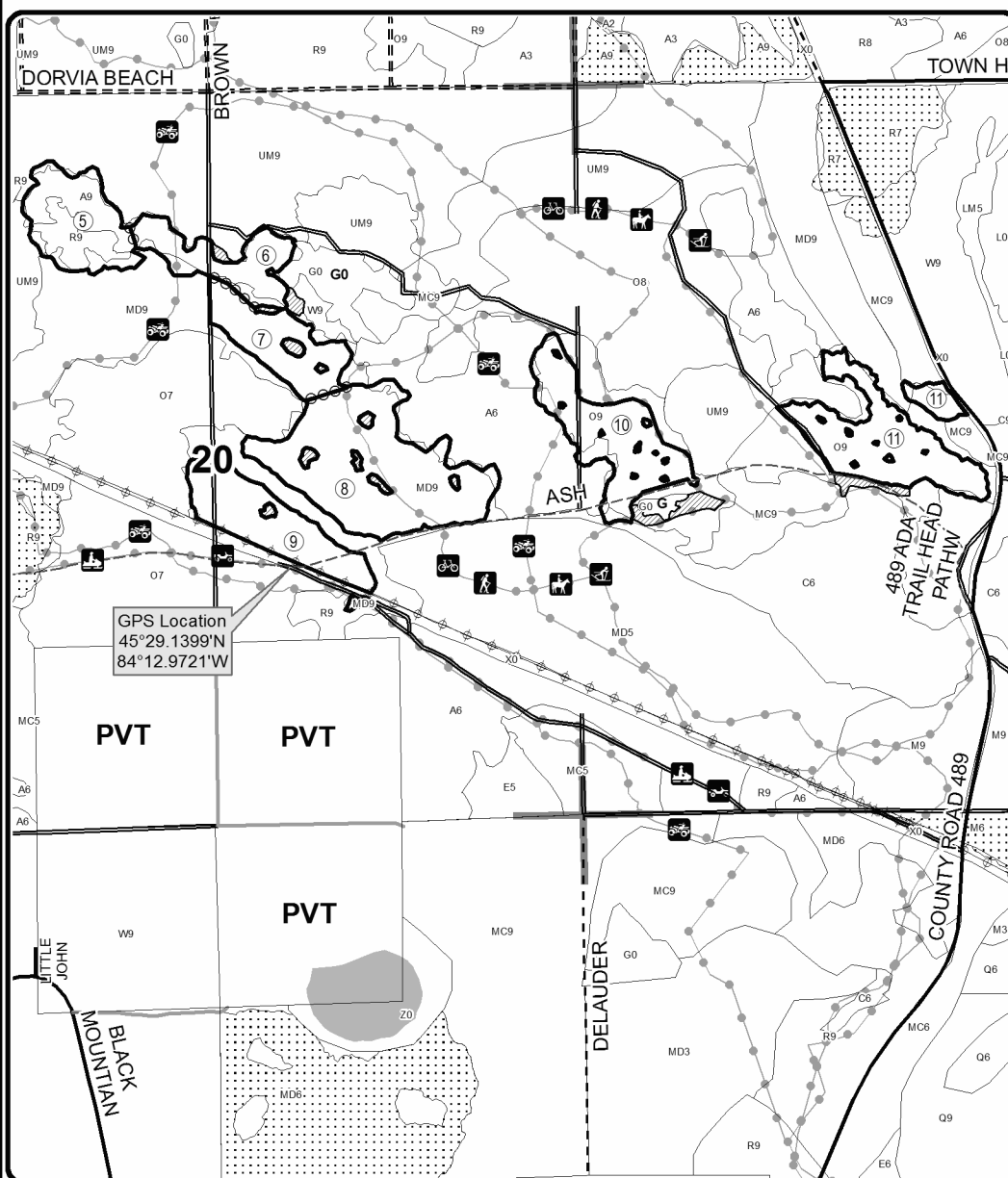
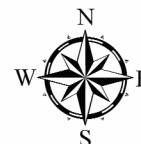
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU	Stand	Acres	PU	Stand	Acres
1	8	11.2	7	37	8.6
2	18,121	14.4	8	37	24.9
3	119	16.0	9	37	10.9
4	23	8.9	10	53	13.1
5	12,75	10.3	11	47	15.2
6	12	7.7			

## 489 Black Mountain Mix

### Compartment 157 and 177

#### 141.2 Acres



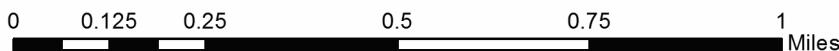
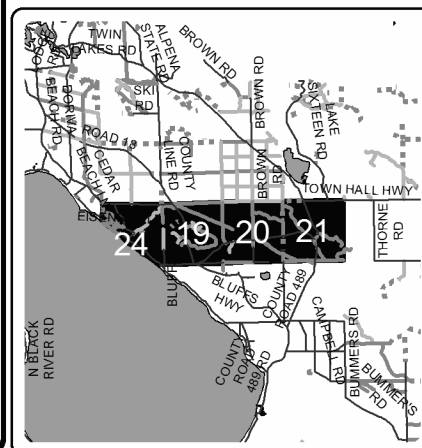
### Legend

#### Sale Boundary

- Against State (Red)
- Payment Unit (Yellow)
- Stand Boundaries
- Retention Area (Red)
- Nearby Timber Sales
- Payment Unit
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private
- Recreational Trail
- Powerline
- Lakes and Rivers
- Section Corners

### Locator Map

#### 1:200,000



Revisit Red Pine (54-012-18)

T36N, R02E, SEC. 19; T36N, R02E, SEC. 20; T36N, R02E, SEC. 21; Presque Isle

In response to the notice of sale to be held 10:00 a.m. (local time) on June 11, 2019, 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>			
Mixed Oak	18.50 MBF	\$ 101.00/MBF	\$ _____
Red Pine	775.90 MBF	\$ 112.00/MBF	\$ _____
White Pine	35.70 MBF	\$ 86.00/MBF	\$ _____
<b>Pulpwood</b>			
Jack Pine	6.00 Cords	\$ 22.80/Cord	\$ _____
Mixed Aspen	167.00 Cords	\$ 26.95/Cord	\$ _____
Mixed Oak	101.00 Cords	\$ 27.80/Cord	\$ _____
Red Maple	101.00 Cords	\$ 22.55/Cord	\$ _____
Red Pine	1,032.00 Cords	\$ 44.60/Cord	\$ _____
White Pine	257.00 Cords	\$ 26.25/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 10.28 percent. 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



3 Fast 5 Me Aspen (54-019-18)  
T33N, R04E, SEC. 26; Presque Isle COUNTY

In response to the notice of sale to be held 10:00 a.m. (local time) on June 11, 2019, 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>			
Mixed Aspen	23.10 MBF	\$ 93.00/MBF	\$ _____
Red Maple	2.00 MBF	\$ 138.00/MBF	\$ _____
Red Oak	36.10 MBF	\$ 207.00/MBF	\$ _____
Red Pine	29.80 MBF	\$ 112.00/MBF	\$ _____
<b>Pulpwood</b>			
Mixed Aspen	317.00 Cords	\$ 26.95/Cord	\$ _____
Mixed Hardwood	113.00 Cords	\$ 22.55/Cord	\$ _____
Red Oak	233.00 Cords	\$ 27.80/Cord	\$ _____
Red Pine	47.00 Cords	\$ 44.60/Cord	\$ _____
White Pine	9.00 Cords	\$ 26.25/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 15.25 percent. 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**

Ferdelman Mix (54-006-18)

T33N, R04E, SEC. 15; T33N, R04E, SEC. 21; T33N, R04E, SEC. 22; Presque Isle

In response to the notice of sale to be held 10:00 a.m. (local time) on June 11, 2019, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
B. T. Aspen	43.60 MBF	\$ 80.00/MBF	\$ _____
Bl/R/Hybrid Oak	58.20 MBF	\$ 88.00/MBF	\$ _____
Red Oak	42.20 MBF	\$ 179.00/MBF	\$ _____
Red Pine	23.50 MBF	\$ 97.00/MBF	\$ _____
White Oak	11.30 MBF	\$ 83.00/MBF	\$ _____
White Pine	11.60 MBF	\$ 74.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	69.00 Cords	\$ 22.75/Cord	\$ _____
Jack Pine	25.00 Cords	\$ 19.75/Cord	\$ _____
Mixed Aspen	1,618.00 Cords	\$ 23.35/Cord	\$ _____
Mixed Hardwood	367.00 Cords	\$ 19.55/Cord	\$ _____
Mixed Oak	333.00 Cords	\$ 24.10/Cord	\$ _____
Red Pine	63.00 Cords	\$ 38.65/Cord	\$ _____
White Pine	93.00 Cords	\$ 22.75/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 8.58 percent. 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.
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Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
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  - 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**

489 Black Mountain Mix (54-023-18)  
T36N, R01E, SEC. 24; T36N, R02E, SEC. 19; T36N, R02E, SEC. 20; T36N, R02E,

In response to the notice of sale to be held 10:00 a.m. (local time) on June 11, 2019, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
B. T. Aspen	104.70 MBF	\$ 93.00/MBF	\$ _____
Bl/R/Hybrid Oak	40.20 MBF	\$ 101.00/MBF	\$ _____
Red Maple	8.20 MBF	\$ 138.00/MBF	\$ _____
Red Oak	61.00 MBF	\$ 207.00/MBF	\$ _____
Red Pine	181.40 MBF	\$ 112.00/MBF	\$ _____
White Pine	10.10 MBF	\$ 86.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	1,379.00 Cords	\$ 26.95/Cord	\$ _____
Balsam Fir	23.00 Cords	\$ 26.25/Cord	\$ _____
Jack Pine	20.00 Cords	\$ 22.80/Cord	\$ _____
Mixed Hardwood	481.00 Cords	\$ 22.55/Cord	\$ _____
Mixed Oak	612.00 Cords	\$ 27.80/Cord	\$ _____
Paper Birch	59.00 Cords	\$ 23.80/Cord	\$ _____
Red Pine	387.00 Cords	\$ 44.60/Cord	\$ _____
White Pine	309.00 Cords	\$ 26.25/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 9.04 percent. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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  - 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