



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7830**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on May 18, 2026.

LOCATION: GRAYLING MGMT UNIT, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738.

CONTACT NAME: Tom Barnes

PHONE NUMBER: (231) 384-7732

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

Joan of Arctic Mix (72-006-26) / T28N, R04W, SEC. 5 , W1/2NW,SWSW.

T28N, R04W, SEC. 6 , E1/2NE,SESE.

T28N, R04W, SEC. 8 , NWNW.

Crawford County, Advertised Price \$20,300.00, 87.3 Acres, Aspen, Red Pine.

SALE NOTE: This sale is within Eastern Massasauga Rattlesnake habitat. Special protection trees were not cruised. Note: Original sale was prepped in 2020. Sale was forfeited in 2025 without being cut. New sale created using old cruise data and specs to re-sell in 2026. Boundary paint is old and may be difficult to follow in places. Paint may need to be freshened up along boundaries by sale administrator prior to operations beginning.

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.

TIMBER SALE INFORMATION

Joan of Arctic Mix (72-006-26)

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

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Pine	36.9 MBF	\$ 120.00 / MBF
Pulpwood		
Balsam Fir	17 Cords	\$ 16.10 / Cord
Jack Pine	63 Cords	\$ 10.50 / Cord
Mixed Aspen	476 Cords	\$ 16.85 / Cord
Mixed Hardwood	16 Cords	\$ 19.45 / Cord
Red Oak	11 Cords	\$ 16.70 / Cord
Red Pine	128 Cords	\$ 40.00 / Cord
White Pine	91 Cords	\$ 14.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 17.43 percent. There are an estimated 875 cords on this timber sale, plus or minus 153 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,015.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	17.1%
02	44.5%
03	38.4%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
69,142	875	17.43%	723	1,028

VDU VOLUMES

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

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
29	0	0	19.57%	0	0
32	0	0	19.46%	0	0
TOTAL:	0	0		0	0

VDU TO PAYMENT UNIT

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

VDU	VDU ACRES	PU	PU ACRES
TOTAL:			

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	3.5	MBF	18.3	\$3,480.40
	Balsam Fir	Pulpwood	4	Cords		
	Jack Pine		7	Cords		
	Mixed Aspen		109	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	2.1	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	50	<i>Cords</i>		
	<i>Quaking Aspen</i>		55	<i>Cords</i>		
	Mixed Hardwood		3	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
	Red Oak		3	Cords		
	<i>Red Oak</i>	<i>Sawtimber</i>	0.3	<i>MBF</i>		
	<i>Red Oak</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	Red Pine		18	Cords		
	White Pine		18	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	18	<i>Cords</i>		
2	Red Pine	Sawtimber	25.6	MBF	28.0	\$9,008.10
	Balsam Fir	Pulpwood	4	Cords		
	Jack Pine		41	Cords		
	Mixed Aspen		122	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	2.4	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	55	<i>Cords</i>		
	<i>Quaking Aspen</i>		62	<i>Cords</i>		
	Mixed Hardwood		4	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Red Maple</i>		3	<i>Cords</i>		
	Red Oak		3	Cords		
	<i>Red Oak</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>		
	<i>Red Oak</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	Red Pine		70	Cords		
	White Pine		32	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.3	<i>MBF</i>		
<i>White Pine</i>	<i>Pulpwood</i>	31	<i>Cords</i>			
3	Red Pine	Sawtimber	7.8	MBF	41.0	\$7,792.05
	Balsam Fir	Pulpwood	9	Cords		
	Jack Pine		15	Cords		
	Mixed Aspen		245	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	4.8	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	111	<i>Cords</i>		
	<i>Quaking Aspen</i>		124	<i>Cords</i>		
	Mixed Hardwood		8	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Red Maple</i>		6	<i>Cords</i>		
	Red Oak		5	Cords		
	<i>Red Oak</i>	<i>Sawtimber</i>	0.7	<i>MBF</i>		
	<i>Red Oak</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	Red Pine		40	Cords		
	White Pine		41	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
<i>White Pine</i>	<i>Pulpwood</i>	40	<i>Cords</i>			
TOTAL:			36.9	MBF		

TOTAL:	801 Cords
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Sale Specific Conditions & Requirements

Sale Name: Joan of Arctic Mix

Sale Number: 72-006-26 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted Boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint, and Manistee River Rd. Exterior sale boundaries against private property are marked with blue paint. Exterior sale boundaries against state are marked with red paint. Manistee River Rd is the east boundary of the sale and is unpainted. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-3, cut all trees that are 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

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

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

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (1/25)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are oaks that are 18 inches or more at DBH and red pine that are 26 inches or more at DBH. If Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

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 utilized or dispersed throughout the sale.

4.1.6 - Road Construction (4/24)

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

4.1.7 - Road Closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. In general, this will require

constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale Conference (10/16)

A pre-sale conference 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 3 days in advance to schedule the conference.

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

The Purchaser is responsible for contacting the pipeline company prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Breitburn Oil and Gas.

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 openings which are 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.

5.2.1.13 - Dispose of Slash as Directed (12/05)

Slash is to be disposed of as directed by the sale administrator, i.e. flattening taller slash piles near the private property boundary, and well-travelled roads and paths.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den Trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating Restrictions (9/11)

Within Payment Unit(s) 1-3, unless changed by written agreement, cutting and skidding are limited to when the ground is dry or frozen. This restriction is needed to minimize rutting and compaction within lands that are managed for Eastern Massasauga Rattlesnake habitat.

5.2.4 - Dead and Down Creation

5.2.4.6 - Dead and Down Creation, Other (9/09)

The Purchaser is to create no less than 25 slash piles (at least 8 feet long and 4 feet tall) in the west half of the sale, except do not locate brush piles within 50 feet of the parking lot or closed road on the northwest edge of Payment Unit 3.

5.2.29 - Shrub Protection (1/20)

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

5.2.31 - Landing Locations (9/13)

Landing locations will be limited to the east side of the harvest area.

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)

The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

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



TIMBER SALE MAP

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

Forest Management Unit Grayling		County Crawford	Mapped By Mittig	Date 12/15/2020	Page 1	of 1
Township 28N	Range 04W	Section(s) and Subdivision(s) Sec 5: W1/2NW, SWSW and Sec 6: E1/2NE, SESE		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	Acres
1	18.3
2	28
3	41



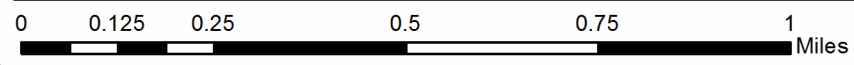
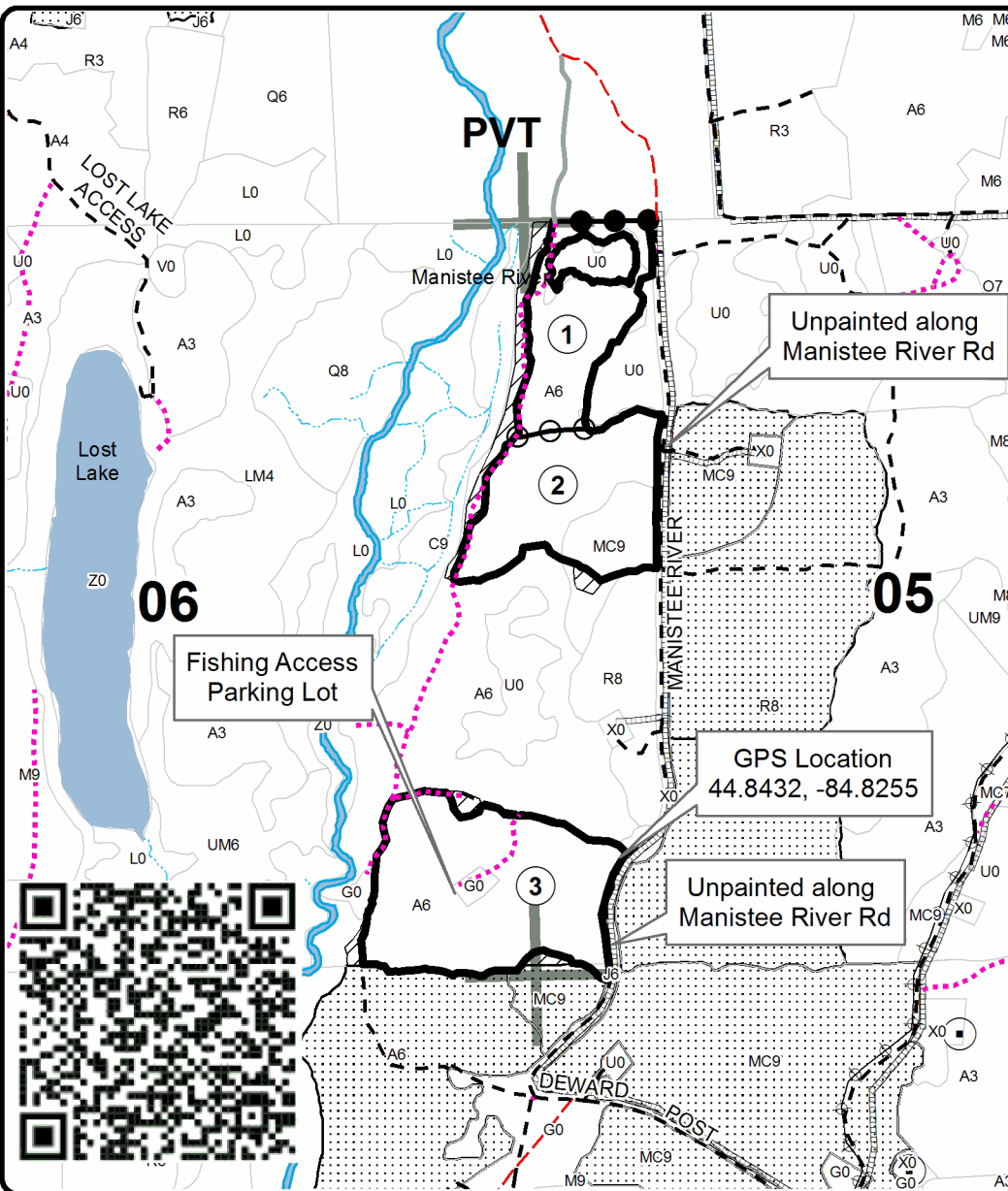
Joan of Arctic Mix

Compartment 169

87.3 Acres

Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Payment Unit
- Retention Area
- Nearby Timber Sales
- Stand Boundaries
- Oil & Gas Well Surface Locations
- Pipeline
- Powerline
- Forest Access Route
- County Road - Seasonal
- Private
- Temporary Management Access
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Section Corners



Locator Map

1:100,000

