



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6314

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on February 21, 2019.

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

CONTACT NAME: Susan Thiel

PHONE NUMBER: (989) 348-6371

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:

Comp 223 Mix (72-035-17) / T26N, R03W, SEC. 31, SENW, S1/2NE, NENE, NESW, N1/2SE.

Crawford County, Advertised Price \$47,743.50, 125.1 Acres, Hardwood, Jack Pine.

SALE NOTE: The sale can be accessed via Charlie's Country Corner, but the Purchaser must obtain permission. Otherwise, the sale can be accessed from the two track coming off 4 Mile Rd. Chipping is required to help facilitate planting to red pine.

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

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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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
Bl/R/Hybrid Oak	61.70	MBF	\$ 199.00 / MBF
White Oak	14.20	MBF	\$ 80.00 / MBF
Pulpwood			
Jack Pine	527.00	Cords	\$ 18.10 / Cord
Mixed Oak	841.00	Cords	\$ 20.90 / Cord
Quaking Aspen	79.00	Cords	\$ 23.50 / Cord
Red Maple	123.00	Cords	\$ 31.90 / Cord
Red Pine	15.00	Cords	\$ 39.45 / Cord
White Pine	31.00	Cords	\$ 27.15 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,387.18 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.
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	BI/R/Hybrid Oak	Sawtimber	33.1	MBF	70.2	\$26,374.65
	White Oak		4.8	MBF		
	Jack Pine	Pulpwood	385.0	Cords		
	Mixed Oak		499.0	Cords		
	BI/R/Hybrid Oak		354.0	Cords		
	White Oak		145.0	Cords		
	Quaking Aspen		7.0	Cords		
	Red Maple		22.0	Cords		
	Black Cherry		3.0	Cords		
	Red Maple		19.0	Cords		
	Red Pine		11.0	Cords		
	Red Pine	Sawtimber	3.3	MBF		
	Red Pine	Pulpwood	4.0	Cords		
	White Pine		26.0	Cords		
2	BI/R/Hybrid Oak	Sawtimber	28.6	MBF	54.9	\$21,408.30
	White Oak		9.4	MBF		
	Jack Pine	Pulpwood	142.0	Cords		
	Mixed Oak		342.0	Cords		
	BI/R/Hybrid Oak		253.0	Cords		
	White Oak		89.0	Cords		
	Quaking Aspen		72.0	Cords		
	Red Maple		101.0	Cords		
	Red Maple	Sawtimber	4.2	MBF		
	Black Cherry	Pulpwood	1.0	Cords		
	Red Maple		92.0	Cords		
	Red Pine		5.0	Cords		
	Red Pine	Sawtimber	1.3	MBF		
	Red Pine	Pulpwood	2.0	Cords		
	White Pine		5.0	Cords		
TOTAL:			75.9	MBF		
TOTAL:			1,617.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Comp 223 Mix

Sale Number: 72-035-17 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. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

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

2.2 - Utilization

2.2.2 - Chipping required (5/14)

This area 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. Do not chip 1/6 to 1/3 of the slash from harvested trees (tree tops and limbs less than four inches in diameter).

2.2.3 - Stump heights (4/07)

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

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 Supplement.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps, logs or earth. Stumps and brush must be placed along the remainder of the trail. 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. 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.

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.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land (Parking lot/drive of Charlie's Country Corner) is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

5 - Operations

5.1 - Notification

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. Contact Sam Chansler at 269.207.8797 with Consumers Energy.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.4 - Oak wilt restriction (9/17)

Within Payment Unit(s) 1 and 2, unless changed by written agreement, cutting, skidding, hauling and brushing of access roads 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 include completing all road brushing before April 15th, clearing a tree-length buffer along uncut oak cover before April 15th or leaving an uncut buffer there until after July 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 (8/13)

To encourage grouse and other wildlife, in Payment Unit(s) 2, only in the A6 forest types (See Timber Sale Map), 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 stand type. This can be an unmerchantable piece or a full tree.

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 (12/12)

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

5.2.41 - Snowmobile trail protection (9/11)

The Trail 487 is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1st. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31 without written approval of Unit Manager. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on 4 Mile Road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on Trail 487 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (2/10)

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

**TIMBER SALE MAP**

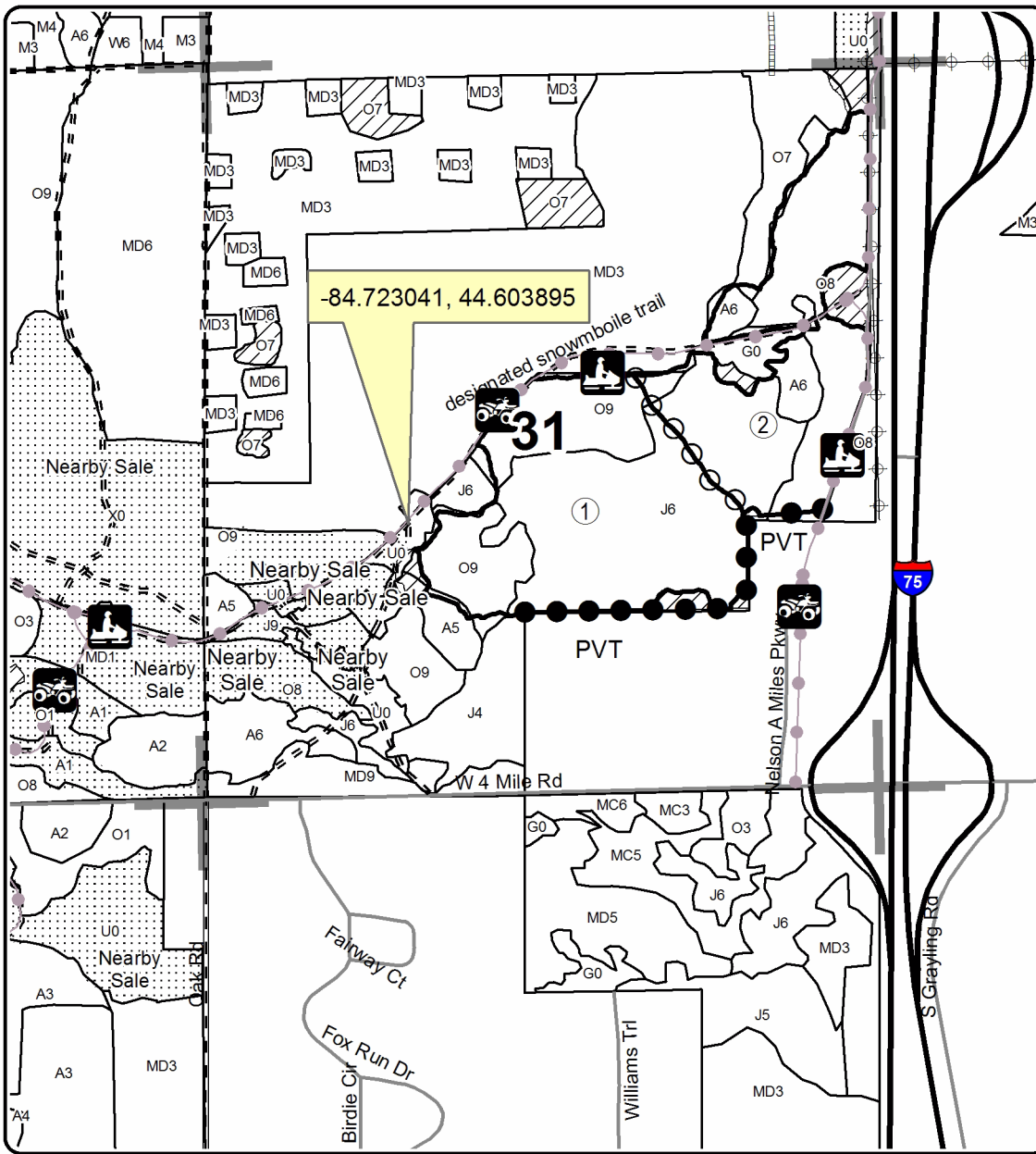
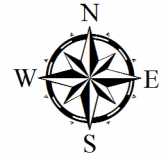
This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number	Year
72-035	17

Forest Management Unit Grayling	County Crawford	Mapped By Barnes	Date 09/21/2017	Page 1	of 1
Township 26N	Range 03W	Section(s) and Subdivision(s) Sec 31 - N1/2SE, E1/2SW, S1/2NE, NENE	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	PU	Acres
1	70.2		
2	54.9		

Comp 223 Mix
Compartment 223
125.1 Acres**Legend**

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- ⋯ Nearby Timber Sale
- Section Corners
- ▨ Retention Area
- ▭ Stand Boundaries
- Section Corners
- Recreational Trail
- Pipeline
- ⊕ Powerline
- PU_Label
- Highway
- Paved Roads
- Gravel Roads
- == Poor Dirt Roads
- Closed Roads

Locator Map
1:200,000