



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #5949

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on August 9, 2017.

LOCATION: SHINGLETON MGMT UNIT, PO BOX 67 M-28 WEST, SHINGLETON, MI 49884.

CONTACT NAME: Robert Burnham

PHONE NUMBER: (906) 452-6227

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

Bonus Spruce (41-026-16)

Schoolcraft County, Advertised Price \$29,896.50, 72.2 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Harvesting is limited to the period of December 1 to April 1 due to wintering deer.

The Highwater Truck Trail is a Snowmobile Trail that will be used to access this sale. See Sale Specification 5.2.41 for restrictions.

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		
Paper Birch	2.00 MBF	\$ 78.00 / MBF
Red Maple	11.00 MBF	\$ 111.00 / MBF
Sugar Maple	18.10 MBF	\$ 397.00 / MBF
Yellow Birch	2.50 MBF	\$ 90.00 / MBF
Pulpwood		
Balsam Fir	85.00 Cords	\$ 15.25 / Cord
Black Spruce	64.00 Cords	\$ 30.55 / Cord
Jack Pine	6.00 Cords	\$ 40.20 / Cord
Mixed Hardwood	648.00 Cords	\$ 20.20 / Cord
N. White Cedar	18.00 Cords	\$ 15.40 / Cord
Paper Birch	9.00 Cords	\$ 23.70 / Cord
Quaking Aspen	11.00 Cords	\$ 24.65 / Cord
Red Pine	32.00 Cords	\$ 52.05 / Cord
Tamarack	5.00 Cords	\$ 15.55 / Cord
White Pine	8.00 Cords	\$ 19.75 / Cord
White Spruce	61.00 Cords	\$ 30.55 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,494.83 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 06/30/2020.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	2.0	Cords	8.5	\$2,391.65
	Black Spruce		50.0	Cords		
	Jack Pine		3.0	Cords		
	Mixed Hardwood		4.0	Cords		
	N. White Cedar		18.0	Cords		
	Paper Birch		4.0	Cords		
	Red Pine		5.0	Cords		
	2		Paper Birch	Sawtimber		
Red Maple		0.3	MBF			
Sugar Maple		1.1	MBF			
Balsam Fir		Pulpwood	2.0	Cords		
Mixed Hardwood			74.0	Cords		
Paper Birch			1.0	Cords		
3			Paper Birch	Sawtimber	0.5	MBF
	Red Maple	0.8	MBF			
	Sugar Maple	9.6	MBF			
	Yellow Birch	0.2	MBF			
	Mixed Hardwood	Pulpwood	231.0	Cords		
	Paper Birch		1.0	Cords		
	4		Paper Birch	Sawtimber	1.4	MBF
Red Maple		9.9	MBF			
Sugar Maple		7.4	MBF			
Yellow Birch		2.3	MBF			
Balsam Fir		Pulpwood	27.0	Cords		
Black Spruce			2.0	Cords		
Mixed Hardwood			330.0	Cords		
Paper Birch			3.0	Cords		
5			Balsam Fir	Pulpwood	54.0	Cords
	Black Spruce	12.0	Cords			
	Jack Pine	3.0	Cords			
	Mixed Hardwood	9.0	Cords			
	Quaking Aspen	11.0	Cords			
	Red Pine	27.0	Cords			
	Tamarack	5.0	Cords			
	White Pine	8.0	Cords			
	White Spruce	61.0	Cords			
	TOTAL:				33.6	MBF
TOTAL:			947.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Bonus Spruce

Sale Number: 41-026-16 Seq#: 2

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. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1 and 5, cut all trees which meet minimum piece specifications in 2.2 Utilization except hemlock and oak. In addition, do not cut any green painted trees in Payment Unit 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.

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

Within Payment Unit(s) 2, 3, and 4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all merchantable balsam fir.

2.2 - Utilization

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

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

3 - Payments

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are hemlock and oak. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100.00 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/11)

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

5.1.4 - Post-sale conference (6/11)

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

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (2/04)

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 - 5, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1 to April 1. This restriction is to provide browse for wintering deer.

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

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

5.2.41 - Snowmobile trail protection (9/11)

The Highwater Truck Trail is a snowmobile trail and will be used to access this sale. The trail is located outside of the area shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. A snow covered base must be left on the trail. No decking of forest products will be permitted along the snowmobile trail.

5.3 - Stream Protection

5.3.1 - Operating near stream (7/04)

No tracked or wheeled vehicles shall be operated within 50 feet of the Manistique River.

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

5.8.3 - Red shoulder hawk or goshawk (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the

Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30 (UP). Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

7 - Other Conditions

7.3 - Contract Modifications

7.3.1 - Emerald Ash Borer

7.3.1.2 - Emerald ash borer, ash or firewood on sale (2/05)

There is ash and/or "firewood" in this sale and it is located within an emerald ash borer quarantined area. The Director of the Michigan Department of Agriculture (MDA) by the authority of Act No. 72 of the Public Acts of 1945, as amended, and Quarantine Regulation No. 620, has promulgated this quarantine to prevent the further spread of this pest and sets forth: definitions, regulated articles, regulated areas, conditions of movement, violations and penalties, and special exemptions. The Purchaser must comply with this quarantine. Contact the MDA for further information.



TIMBER SALE MAP

This information provided by authority of Part 5, 1994 PA 451, as amended.

Sale Number	Year
41-26-16-01	2016

Forest Management Unit Shingleton		County Schoolcraft	Mapped By S. Clark	Date 9-23-2016	Page 1	of 1
			Cruised By S. Clark			
Compartiment Number 70	Township 42N	Range 14W	Section(s) and Subdivision(s) Sec. 6 - NE 1/4 Sec. 7 - E 1/2 NE 1/4, SWNE, S 1/2 NW, NESE	Scale: [---4---] = 1 mile		

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

