



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6143

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on April 5, 2018.

LOCATION: TRAVERSE CITY MGMT UNIT, 2122 M 37 SOUTH, TRAVERSE CITY, MI 49685.

CONTACT NAME: David Lemmien

PHONE NUMBER: (231) 922-5280

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

Iron Hardwood (61-059-17)

Benzie County, Advertised Price \$93,607.75, 166.1 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.

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		
Basswood	93.10 MBF	\$ 120.00 / MBF
Beech	33.30 MBF	\$ 104.00 / MBF
Black Cherry	9.40 MBF	\$ 179.00 / MBF
Mixed Aspen	65.10 MBF	\$ 110.00 / MBF
Red Maple	89.00 MBF	\$ 122.00 / MBF
Sugar Maple	117.00 MBF	\$ 269.00 / MBF
Pulpwood		
Basswood	169.00 Cords	\$ 30.35 / Cord
Jack Pine	2.00 Cords	\$ 15.40 / Cord
Mixed Aspen	160.00 Cords	\$ 21.00 / Cord
Mixed Hardwood	945.00 Cords	\$ 20.40 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$4,680.39 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	Red Maple	Sawtimber	0.4	MBF	17.5	\$1,125.60
	Sugar Maple		0.4	MBF		
	Jack Pine	Pulpwood	2.0	Cords		
	Mixed Hardwood		46.0	Cords		
	<i>Black Cherry</i>		29.0	<i>Cords</i>		
	<i>Red Maple</i>		6.0	<i>Cords</i>		
	<i>Sugar Maple</i>		11.0	<i>Cords</i>		
2	Black Cherry	Sawtimber	1.1	MBF	12.7	\$1,760.50
	Sugar Maple		2.4	MBF		
	Mixed Hardwood	Pulpwood	45.0	Cords		
	<i>Black Cherry</i>		18.0	<i>Cords</i>		
	<i>Red Maple</i>		6.0	<i>Cords</i>		
	<i>Sugar Maple</i>		21.0	<i>Cords</i>		
3	Basswood	Sawtimber	65.3	MBF	52.7	\$45,367.95
	Beech		31.2	MBF		
	Mixed Aspen		25.9	MBF		
	<i>B. T. Aspen</i>		9.4	<i>MBF</i>		
	<i>Quaking Aspen</i>		16.5	<i>MBF</i>		
	Red Maple		18.4	MBF		
	Sugar Maple		69.8	MBF		
	Basswood	Pulpwood	101.0	Cords		
	Mixed Aspen		47.0	Cords		
	<i>B. T. Aspen</i>		14.0	<i>Cords</i>		
	<i>Quaking Aspen</i>		33.0	<i>Cords</i>		
	Mixed Hardwood		312.0	Cords		
	<i>Beech</i>		72.0	<i>Cords</i>		
	<i>Black Cherry</i>		5.0	<i>Cords</i>		
	<i>Ironwood</i>		16.0	<i>Cords</i>		
	<i>Red Maple</i>		25.0	<i>Cords</i>		
	<i>Sugar Maple</i>		194.0	<i>Cords</i>		
4	Basswood	Sawtimber	10.7	MBF	34.1	\$28,090.40
	Beech		2.1	MBF		
	Black Cherry		1.7	MBF		
	Mixed Aspen		35.0	MBF		
	<i>B. T. Aspen</i>		8.4	<i>MBF</i>		
	<i>Quaking Aspen</i>		26.6	<i>MBF</i>		
	Red Maple		60.1	MBF		
	Sugar Maple		24.9	MBF		
	Basswood	Pulpwood	32.0	Cords		
	Mixed Aspen		79.0	Cords		
	<i>B. T. Aspen</i>		5.0	<i>Cords</i>		
	<i>Quaking Aspen</i>		74.0	<i>Cords</i>		
	Mixed Hardwood		283.0	Cords		
	<i>Beech</i>		12.0	<i>Cords</i>		
	<i>Black Cherry</i>		10.0	<i>Cords</i>		
	<i>Ironwood</i>		19.0	<i>Cords</i>		
	<i>Red Maple</i>		107.0	<i>Cords</i>		
	<i>Sugar Maple</i>		135.0	<i>Cords</i>		
5	Basswood	Sawtimber	17.1	MBF	20.6	\$10,261.20
	Black Cherry		2.6	MBF		
	Mixed Aspen		3.1	MBF		
	<i>Quaking Aspen</i>		3.1	<i>MBF</i>		
	Red Maple		1.2	MBF		
	Sugar Maple		13.8	MBF		
	Basswood	Pulpwood	36.0	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Mixed Aspen	Pulpwood	6.0	Cords		
	<i>Quaking Aspen</i>		6.0	<i>Cords</i>		
	Mixed Hardwood		114.0	Cords		
	<i>Black Cherry</i>		8.0	<i>Cords</i>		
	<i>Ironwood</i>		59.0	<i>Cords</i>		
	<i>Red Maple</i>		1.0	<i>Cords</i>		
	<i>Sugar Maple</i>		46.0	<i>Cords</i>		
6	Black Cherry	Sawtimber	0.4	MBF	6.5	\$2,589.20
	Red Maple	Pulpwood	7.4	MBF		
	Sugar Maple		1.6	MBF		
	Mixed Aspen		2.0	Cords		
	<i>Quaking Aspen</i>		2.0	<i>Cords</i>		
	Mixed Hardwood		56.0	Cords		
	<i>Black Cherry</i>		6.0	<i>Cords</i>		
	<i>Ironwood</i>		2.0	<i>Cords</i>		
	<i>Red Maple</i>		34.0	<i>Cords</i>		
	<i>Sugar Maple</i>		14.0	<i>Cords</i>		
	7	Black Cherry	Sawtimber	1.4		
Mixed Aspen		Pulpwood	0.7	MBF		
<i>Quaking Aspen</i>			0.7	<i>MBF</i>		
Red Maple			0.4	MBF		
Sugar Maple			4.1	MBF		
Mixed Aspen			25.0	Cords		
<i>Quaking Aspen</i>			25.0	<i>Cords</i>		
Mixed Hardwood			25.0	Cords		
<i>Beech</i>			1.0	<i>Cords</i>		
<i>Black Cherry</i>			4.0	<i>Cords</i>		
<i>Red Maple</i>			5.0	<i>Cords</i>		
<i>Sugar Maple</i>			15.0	<i>Cords</i>		
8		Black Cherry	Sawtimber	2.2	MBF	13.3
	Mixed Aspen	Pulpwood	0.4	MBF		
	<i>Quaking Aspen</i>		0.4	<i>MBF</i>		
	Red Maple		1.1	MBF		
	Mixed Aspen		1.0	Cords		
	<i>Quaking Aspen</i>		1.0	<i>Cords</i>		
	Mixed Hardwood		64.0	Cords		
	<i>Black Cherry</i>		51.0	<i>Cords</i>		
	<i>Red Maple</i>		10.0	<i>Cords</i>		
	<i>Sugar Maple</i>	3.0	<i>Cords</i>			
TOTAL:			406.9	MBF		
TOTAL:			1,276.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Iron Hardwood

Sale Number: 61-059-17 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 land 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.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 7, cut all trees which meet minimum piece specifications in 2.2 Utilization, unless marked with green paint. In addition, unmerchantable trees may be cut as necessary to facilitate harvest of designated timber, but must be severed at ground level and laid flat on the ground; not just broken, bent, or pushed over.

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

Within Payment Unit(s) 2 - 6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Units 3 and 4, cut all beech and aspen trees which meet minimum piece specifications in 2.2 Utilization, unless marked with green paint. Within Payment Units 5 and 6, cut all ironwood greater than 4 inches at DBH. Also, unmerchantable trees may be cut as necessary to facilitate harvest of designated timber, but must be severed at ground level and laid flat on the ground; not just broken, bent, or pushed over.

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 1 and 8, all deciduous trees which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except for elm, junberry, or any trees marked with green paint. In addition, cut all jack pine and scotch pine greater than 1 inch at DBH. Also, unmerchantable trees may be cut as necessary to facilitate harvest of designated timber, but must be severed at ground level and laid flat on the ground; not just broken, bent, or pushed over.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Units 2, 3, 4, 5, and 6 unless approved by the Unit Manager or his/her representative.

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 Units 1, 2, 7 and 8. Within these units, if more than 50 percent of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$150 per acre for all acreage within that specified portion of the sale area that was damaged.

No damage is acceptable to merchantable trees. Within the sale area, if more than 10 percent of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Contact the sale administrator for specific details of design and placement.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 36 inches in height. Exception: within Payment Units 1 and 8, slash must be chipped and removed from the site, or placed in scattered, compacted piles not exceeding 5 feet in height.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 3, 4, 5, and 6, unless changed by written agreement, cutting, forwarding and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.4 - Dead and Down Creation

5.2.4.1 - Dead and down creation, marked trees (10/13)

All trees marked with an orange "X" must be felled and left on site for wildlife.

5.2.18 - Equipment requirements (1/09)

Because dense saplings surround much of the designated timber in Payment Units 1, 2, 7, and 8, it is highly recommended, but not required, that a feller-buncher be used to approach, cut and pile the trees for subsequent in-woods processing and forwarding.

5.2.29 - Shrub protection (9/07)

Do not cut or damage hawthorn or junberry. These woody-shrub plants are highly beneficial to various wildlife species.

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)

The Shore to Shore riding/hiking trail runs on Hooker Road along the north side of Payment Unit 1, as shown on the Timber Sale Map. 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. No decking will be allowed along the trail. The trail must be graded periodically during the sale. In addition, if an organized trail ride is to occur while the sale is active, the sale administrator has the authority to limit harvest and hauling activities on the day of the ride. The sale administrator will provide at least 1 week notice if this is to occur.

5.2.41 - Snowmobile trail protection (9/11)

The Platte River snowmobile trail runs along N. Haze Road west of the sale and along Oakley Road southeast of Payment Unit 5, as shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1st. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail between December 1 and March 31. All stumps within 20 feet of the snowmobile trail must be cut at ground level. 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

5.4.3 - 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.

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 N. Haze, Hooker, Steam Hauler, and Oakley 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.



TIMBER SALE MAP

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

Sale Number

61-059

Year

17

Forest Management Unit
Traverse City FMUCounty
Benzie

Mapped By Tim Webb

Cruised By Contractors, Webb

Date

09/29/2017

Page

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of

1

Township
27NRange
14W

Section(s) and Subdivision(s)

Sec. 35: SESE; Sec. 36: W1/2NE, E1/2NW, S1/2

Scale

1:15,840

Cover Type

A = Aspen
B = Paper Birch
C = Cedar
D = Treed Bog
E = Swamp Hdwoods
F = Spruce Fir
G = GrassH = Hemlock
J = Jack Pine
L = Lowland Brush
LM = Lowland Mixed
M = Mpl, Bch, Brch
MC = Mixed Conifer
MD = Mixed DeciduousN = Marsh
O = Oak
P = Lowland Poplar
Q = Mixed Swamp Conifer
R = Red Pine
S = Black Spruce
T = TamarackU = Upland Brush
UM = Upland Mixed
V = Bog or Marsh
W = White Pine
X = Non Stocked
Z = Water

Density

0 = Non Stocked
1 = Seedling Sapling Poor
2 = Seedling Sapling Medium
3 = Seedling Sapling Well
4 = Pole Timber Poor5 = Pole Timber Medium
6 = Pole Timber Well
7 = Saw Timber Poor
8 = Saw Timber Medium
9 = Saw Timber Well

PU	Acres	PU	Acres	PU	Acres
1	17.5	4	34.1	7	8.7
2	12.7	5	20.6	8	13.3
3	52.7	6	6.5		

Iron Hardwood
Compartment 9
166.1 acres