



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6714

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on October 19, 2020.**

LOCATION: **KALKASKA FIELD OFFICE, 2089 NORTH BIRCH STREET, KALKASKA, MI 49646.**

CONTACT NAME: David Lemmien

PHONE NUMBER: (231) 922-6040

PROSPECTUS NOTE: It is recommended that for the duration of the "Stay Home, Stay Safe" executive order that bidders submit their bids through the Online Bidding System (<https://www.dnr.state.mi.us/VMSONlineBidding/>). If you need to register, contact Jake Reid (ReidJ6@michigan.gov, 517-284-5908) or Donovan Asselin (AsselinD@michigan.gov, 517-930-1326). Paper bids will still be accepted during this time, either dropped in the bid box at the bid location or by mailing. If mailing, please allow for additional time.

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:

Gnarly Beech Hardwoods (61-101-20) / T27N, R06W, SEC. 13, NESW,S1/2SW,SE.

T27N, R06W, SEC. 24, N1/2NW,N1/2NE.

Kalkaska County, Advertised Price \$63,566.70, 103.9 Acres, Hardwood, Sugar Maple.

SALE NOTE: Sale must be chipped, there will be no exemptions granted.

TIMBER SALE INFORMATION

Gnarly Beech Hardwoods (61-101-20)
T27N, R06W, SEC. 13; T27N, R06W, SEC. 24.
Kalkaska County (Advertised Price \$63,566.70)

SALE NOTE: Sale must be chipped, there will be no exemptions granted.

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		
Basswood	91.2 MBF	\$ 64.00 / MBF
Beech	17.1 MBF	\$ 54.00 / MBF
Red Maple	53.7 MBF	\$ 88.00 / MBF
Red Oak	20.7 MBF	\$ 122.00 / MBF
Sugar Maple	214.4 MBF	\$ 148.00 / MBF
White Pine	3.5 MBF	\$ 44.00 / MBF
Pulpwood		
Basswood	211 Cords	\$ 9.25 / Cord
Beech	194 Cords	\$ 10.65 / Cord
Mixed Hardwood	953 Cords	\$ 10.65 / Cord
Paper Birch	24 Cords	\$ 8.55 / Cord
Red Maple	216 Cords	\$ 10.65 / Cord
Red Oak	89 Cords	\$ 7.10 / Cord
White Pine	43 Cords	\$ 8.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.25 percent. There are an estimated 2,532 cords on this timber sale, plus or minus 310 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 \$3,178.34 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 12/31/2022.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
200,019	2,532	12.25%	2,222	2,842

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.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
26	200,020	2,532	12.25%	2,222	2,842
TOTAL:	200,020	2,532		2,222	2,842

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
26	103.9	1	47.3
		2	56.6
TOTAL:	103.9		103.9

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	41.5	MBF	47.3	\$28,932.55
	Beech		7.8	MBF		
	Red Maple		24.4	MBF		
	Red Oak		9.4	MBF		
	Sugar Maple		97.6	MBF		
	White Pine		1.6	MBF		
	Basswood	Pulpwood	96	Cords		
	Beech		88	Cords		
	Mixed Hardwood		434	Cords		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Sugar Maple</i>		432	<i>Cords</i>		
	Paper Birch		11	Cords		
	Red Maple		98	Cords		
	Red Oak		41	Cords		
	White Pine		20	Cords		
2	Basswood	Sawtimber	49.7	MBF	56.6	\$34,634.15
	Beech		9.3	MBF		
	Red Maple		29.3	MBF		
	Red Oak		11.3	MBF		
	Sugar Maple		116.8	MBF		
	White Pine		1.9	MBF		
	Basswood	Pulpwood	115	Cords		
	Beech		106	Cords		
	Mixed Hardwood		519	Cords		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Sugar Maple</i>		517	<i>Cords</i>		
	Paper Birch		13	Cords		
	Red Maple		118	Cords		
	Red Oak		48	Cords		
	White Pine		23	Cords		
TOTAL:			400.6	MBF		
TOTAL:			1,730	Cords		

Sale Specific Conditions & Requirements

Sale Name: Gnarly Beech Hardwoods

Sale Number: 61-101-20 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 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 left standing. 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 one (1) inch or more at DBH, regardless of merchantability.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

This sale 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. 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 the sale area shall not exceed either twelve (12) inches for trees ten (10) inches and more at DBH or four (4) inches for trees less than ten (10) inches at DBH. 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) 1 and 2, 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 shall be only one division per Payment Unit.

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 and/or chipped, utilized or otherwise removed from the sale.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary highway and county road 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.

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 operation to determine landing and road locations. The Unit Manager or their representative must be contacted at least 5 days in advance to schedule this conference.

5.2 - Conduct of Operations

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.

5.2.32 - 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.

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

The trail is an ORV trail or route within the sale area, which is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within five (5) feet of the trail must be cut flush with the ground. Maintain a twenty (20) foot wide slash, debris and rut free zone daily using the ORV trail or route as the center-line. 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.

5.4 - 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 twelve (12) inches or greater in depth and fifty (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 county and state 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 shall provide these signs.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on all trails affected by timber sale operations 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 shall provide these signs.

TIMBER SALE MAP

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

Forest Management Unit		County	Mapped By	Tom Peterson	Date	Page	of
Traverse City Management Unit		Kalaska County	Cruised By	Tom Peterson			
Township	Range	Section(s) and Subdivision(s)			Scale		
27N	06W	Sec 13: SE1/4, S1/2SW & NESW Sec 24: N1/2NE & N1/2NW			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	47.3
2	56.6

Gnarly Beech Hardwoods

Compartment 61114

103.9 Acres

