



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6953

SCHEDULED SALE DATE AND TIME: **4:00 p.m. (local time) on December 13, 2021.**

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

CONTACT NAME: David Lemmien

PHONE NUMBER: (231) 922-6040

PROSPECTUS NOTE: Effective immediately: all bid openings for the Traverse City Management (Kalkaska Field Office and Traverse City Field Office) will be held at the Traverse City Field Office regardless of sale location within the unit. All payments will now be handled through the Traverse City Field Office. The Kalkaska Field Office will no longer accept payments or hard paper copies of timber sale bids. Payments for all contracts, use permits, bonds, etc. should be sent to the Traverse City Field Office.

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:

The Specialist (61-143-21) / T25N, R06W, SEC. 12, E1/2NW, W1/2NE, SW, NWSE, S1/2SE.
T25N, R06W, SEC. 13, NE.

Kalkaska County, Advertised Price \$43,448.75, 113.5 Acres, Hardwood, Red Oak.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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

The Specialist (61-143-21)

T25N, R06W, SEC. 12; T25N, R06W, SEC. 13.

Kalkaska County (Advertised Price \$43,448.75)

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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 Inventory Manager computer program and the new Michigan taper model. 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		
B. T. Aspen	3.7 MBF	\$ 88.00 / MBF
Black Spruce	14.9 MBF	\$ 36.00 / MBF
Jack Pine	22.1 MBF	\$ 17.00 / MBF
Red Maple	8.9 MBF	\$ 124.00 / MBF
Red Oak	182.2 MBF	\$ 117.00 / MBF
Red Pine	48.8 MBF	\$ 80.00 / MBF
White Oak	36.6 MBF	\$ 72.00 / MBF
White Pine	58.0 MBF	\$ 35.00 / MBF
Pulpwood		
B. T. Aspen	63 Cords	\$ 12.35 / Cord
Black Spruce	80 Cords	\$ 18.25 / Cord
Jack Pine	130 Cords	\$ 8.75 / Cord
Mixed Hardwood	77 Cords	\$ 13.50 / Cord
Mixed Oak	368 Cords	\$ 13.05 / Cord
Red Pine	18 Cords	\$ 31.40 / Cord
White Pine	102 Cords	\$ 14.10 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 6.18 percent. There are an estimated 1,806 cords on this timber sale, plus or minus 112 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 \$2,172.44 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	26.4%
02	4.4%
03	18.4%
04	50.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2024.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
142,689	1,806	6.18%	1,695	1,918

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
4	33,934	430	13.25%	373	486
7	35,294	447	6.59%	417	476
13	48,399	613	11.28%	544	682
54	7,896	100	17.98%	82	118
TOTAL:	125,523	1,589		1,415	1,762

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
4	24.4	1	24.4
7	25.1	3	25.1
13	59.8	4	59.8
54	4.2	2	4.2
TOTAL:	113.5		113.5

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	4.2	MBF	24.4	\$11,484.20
	Red Oak		43.7	MBF		
	White Oak		32.7	MBF		
	B. T. Aspen	Pulpwood	25	Cords		
	Mixed Hardwood		36	Cords		
	Red Maple		36	Cords		
	Mixed Oak		207	Cords		
	Red Oak		104	Cords		
	White Oak		103	Cords		
2	B. T. Aspen	Sawtimber	3.7	MBF	4.2	\$1,926.95
	Red Oak		5.7	MBF		
	B. T. Aspen	Pulpwood	38	Cords		
	Jack Pine		24	Cords		
	Mixed Hardwood		2	Cords		
	Black Cherry		2	Cords		
	Mixed Oak		11	Cords		
	Red Oak		6	Cords		
	White Oak		5	Cords		
	White Pine		6	Cords		
3	Black Spruce	Sawtimber	14.9	MBF	25.1	\$7,994.80
	Jack Pine		22.1	MBF		
	Red Maple		3.5	MBF		
	Red Pine		28.9	MBF		
	White Pine		21.5	MBF		
	Black Spruce	Pulpwood	80	Cords		
	Jack Pine		106	Cords		
	Mixed Hardwood		35	Cords		
	Red Maple		35	Cords		
	Red Pine		6	Cords		
	White Pine		38	Cords		
	4	Red Maple	Sawtimber	1.2		
Red Oak			132.8	MBF		
Red Pine			19.9	MBF		
White Oak			3.9	MBF		
White Pine			36.5	MBF		
Mixed Hardwood		Pulpwood	4	Cords		
Red Maple			4	Cords		
Mixed Oak			150	Cords		
Red Oak			142	Cords		
White Oak			8	Cords		
Red Pine			12	Cords		
White Pine			58	Cords		
TOTAL:			375.2	MBF		
TOTAL:			838	Cords		

Sale Specific Conditions & Requirements

Sale Name: The Specialist

Sale Number: 61-143-21 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. Retention patches are marked with red paint; no harvesting activities may occur within these areas. 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) 1-4, cut all trees that are two (2) inches or more at DBH, except leave all trees marked with green paint.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 4 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. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. 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 6 inches for all trees. This is to facilitate planting operations.

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 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.

4.2 - 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 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 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 1, 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. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Units 3 and 4, 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.

5.2.22 - Operating Caution

5.2.22.2 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 3, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of seasonal high-water table.

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.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail 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. 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. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

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

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail 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 (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ORV trail 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
61-143	21

Forest Management Unit Traverse City Unit	County Kalkaska	Mapped By Roell	Date 08/25/2021	Page 1	of 1
Township N25	Range 06W	Section(s) and Subdivision(s) SWNE, NWSE, NWNE, SW 1/4 Sec 12; NE Sec 13	Cruised By Fate	Scale 1:15,840	

Cover Type

A = Aspen	H = Hemlock	N = Marsh
B = Paper Birch	J = Jack Pine	O = Oak
C = Cedar	L = Lowland Brush	P = Lowland Poplar
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer
E = Swamp Hardwoods	M = Mpl. Ech. Birch	R = Red Pine
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce
G = Cress	MD = Mixed Deciduous	T = Tamarack

U = Upland Brush
UM = Upland Mixed
V = Bog or Marsh
W = White Pine
X = Non Stocked
Z = Water

Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU	Acres	PU	Acres
1	24.4	4	59.8
2	4.2		
3	25.1		

The Specialist

Compartment 137

113.6 Acres

