



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7130**

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on February 7, 2023.

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

CONTACT NAME: Patrick Cotant

PHONE NUMBER: (231) 649-0544

PROSPECTUS NOTE: Effective immediately: all bid openings for the Traverse City Management Unit (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:

Reynold's Road Pine (61-037-22) / T25N, R13W, SEC. 10, S1/2NW.

T25N, R13W, SEC. 3, N1/2NE, SENE, S1/2SW, NESE.

Benzie County, Advertised Price \$190,376.10, 133.6 Acres, Hardwood, Red Pine.

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

Reynold's Road Pine (61-037-22)
T25N, R13W, SEC. 10; T25N, R13W, SEC. 3.
Benzie County (Advertised Price \$190,376.10)

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.

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		
Black Cherry	28.1 MBF	\$ 153.00 / MBF
Red Maple	17.3 MBF	\$ 134.00 / MBF
Red Pine	998.1 MBF	\$ 106.00 / MBF
Pulpwood		
B. T. Aspen	56 Cords	\$ 20.00 / Cord
Beech	7 Cords	\$ 22.50 / Cord
Black Cherry	12 Cords	\$ 22.50 / Cord
Red Maple	107 Cords	\$ 22.50 / Cord
Red Pine	1,558 Cords	\$ 47.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 16.25 percent. There are an estimated 4,064 cords on this timber sale, plus or minus 661 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 \$9,518.81 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	2.4%
02	32.6%
03	26.8%
04	7.5%
05	9.5%
06	14.8%
07	6.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

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.

<u>VOLUME</u>		<u>STATISTICAL RANGE IN CORDS</u>		
<u>TOTAL CUBIC FEET</u>	<u>TOTAL CORDS</u>	<u>PERCENT ERROR</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
321,022	4,064	16.25%	3,403	4,724

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
32	9,872	125	92.80%	9	241
36	54,381	688	23.01%	530	847
38	187,902	2,379	15.64%	2,007	2,750
58	68,868	872	21.19%	687	1,056
TOTAL:	321,022	4,064		3,233	4,895

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
32	6.4	1	6.4
36	30.9	4	13.6
		5	17.3
38	42.2	2	23.1
		3	19.1
58	54.1	6	37.7
		7	16.4
TOTAL:	133.6		133.6

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	6.5	MBF	6.4	\$4,531.00
	Red Maple		13.5	MBF		
	B. T. Aspen	Pulpwood	56	Cords		
	Black Cherry		3	Cords		
	Red Maple		24	Cords		
2	Black Cherry	Sawtimber	11.8	MBF	23.1	\$61,854.30
	Red Maple		2.1	MBF		
	Red Pine		417.5	MBF		
	Beech	Pulpwood	4	Cords		
	Black Cherry		5	Cords		
	Red Maple		45	Cords		
	Red Pine		301	Cords		
3	Black Cherry	Sawtimber	9.8	MBF	19.1	\$51,110.90
	Red Maple		1.7	MBF		
	Red Pine		345.2	MBF		
	Beech	Pulpwood	3	Cords		
	Black Cherry		4	Cords		
	Red Maple		38	Cords		
	Red Pine		248	Cords		
	4	Red Pine	Sawtimber	29.3		
Red Pine		Pulpwood	235	Cords		
5	Red Pine	Sawtimber	37.3	MBF	17.3	\$18,108.80
	Red Pine	Pulpwood	298	Cords		
6	Red Pine	Sawtimber	117.6	MBF	37.7	\$28,235.60
	Red Pine	Pulpwood	332	Cords		
7	Red Pine	Sawtimber	51.2	MBF	16.4	\$12,267.20
	Red Pine	Pulpwood	144	Cords		
TOTAL:			1,043.5	MBF		
TOTAL:			1,740	Cords		

Sale Specific Conditions & Requirements

Sale Name: Reynold's Road Pine

Sale Number: 61-037-22 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 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 unit boundary between unit 1 and unit 2 is the existing 2-track road along the edge of the red pine plantation. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 4, 5, 6, 7, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Also, within payment unit 1, all aspen trees are designated for cutting regardless of merchantability.

2.1.4 - Designated timber unit(s) (6/17)

Within Payment Unit(s) 2 and 3, all trees are designated for cutting regardless of merchantability.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 2 and 3 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. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping in order to minimize the amount of residual slash. 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 does not apply (G. C. & R. 2.2). This is because this area will be trenched and re-planted.

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.

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, chipped, utilized or otherwise removed from the sale as agreed upon by DNR sale administrator

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 24 inches in height.

5.2.3 - Operating Restrictions

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

5.2.41 - Snowmobile trail protection (9/11)

The Betsie River 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. 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. 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. 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.

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 Betsie River 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.

8 - Performance and Settlement

8.3 - Uncompleted or Terminated Contracts

8.3.1 - Completion of contract, chipping (1/16)

In addition to cutting, all chipping must be completed by the contract expiration date. If chipping has not been completed, an extension fee or damages may be charged per General Condition & Requirement 7.2 and 8.3.

**TIMBER SALE MAP**

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

Sale Number
61 - 037Year
22Forest Management Unit
Traverse CityCounty
BenzieMapped By
Craig AllenDate
09/23/2022Page
1 of 1Township
25NRange
13WSection(s) and Subdivision(s)
Sec. 3; N1/2NE, SENE, S1/2SW, NESE Sec. 10; S1/2NWScale
1:15,840**Cover Type**

A = Aspen
B = Paper Birch
C = Cedar
D = Treed Bog
E = Swamp Hardwoods
F = Spruce Fir
G = Cress
H = Hemlock
J = Jack Pine
L = Lowland Birch
LM = Lowland Mixed
M = Mpl. Ech. Birch
MC = Mixed Conifer
MD = Mixed Deciduous
N = Marsh
O = Oak
P = Lowland Poplar
Q = Mixed Swamp Conifer
R = Red Pine
S = Black Spruce
T = Tamarack
U = 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 Poor
5 = Pole Timber Medium
6 = Pole Timber Well
7 = Saw Timber Poor
8 = Saw Timber Medium
9 = Saw Timber Well

PU	Acres	PU	Acres
1	6.4	5	17.3
2	23.1	6	37.7
3	19.1	7	16.4
4	13.6		

Reynold's Road Pine
Compartment 21
133.6 Acres