



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6974**

**REVISION NOTICE #1 - January 12, 2022**

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on Thursday, January 27, 2022

LOCATION: TRAVERSE CITY MGMT UNIT, 2122 M 37 South, Traverse City, MI 49685

This prospectus has been modified with the following changes.

Pioneer Pine (61-065-21) has been withdrawn from this prospectus.

We apologize for any inconvenience this may have caused. If you need assistance, please contact David Lemmien at 231-922-6040.



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

CONTACT NAME: David Lemmien

PHONE NUMBER: (231) 922-6040

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:

Old Monarch Mix (61-057-21) / T25N, R14W, SEC. 10, NW, W1/2NE, SW.

T25N, R14W, SEC. 15, NW, NWSW.

T25N, R14W, SEC. 3, SESW, SWSE.

Benzie County, Advertised Price \$122,554.00, 127.6 Acres, Aspen, White Pine.

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

See sale spec 2.1.7 for information on protecting sugar maple regeneration.

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

### Old Monarch Mix (61-057-21)

T25N, R14W, SEC. 10; T25N, R14W, SEC. 15; T25N, R14W, SEC. 3.  
Benzie County (Advertised Price \$122,554.00)

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

See sale spec 2.1.7 for information on protecting sugar maple regeneration.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	523.5 MBF	\$ 94.00 / MBF
Basswood	2.0 MBF	\$ 87.00 / MBF
Beech	15.5 MBF	\$ 90.00 / MBF
Black Cherry	30.3 MBF	\$ 147.00 / MBF
Quaking Aspen	16.1 MBF	\$ 94.00 / MBF
Red Maple	108.6 MBF	\$ 126.00 / MBF
Sugar Maple	31.7 MBF	\$ 206.00 / MBF
White Pine	214.6 MBF	\$ 34.00 / MBF
Pulpwood		
B. T. Aspen	1,421 Cords	\$ 12.80 / Cord
Basswood	7 Cords	\$ 13.85 / Cord
Beech	13 Cords	\$ 13.45 / Cord
Black Cherry	56 Cords	\$ 13.45 / Cord
Ironwood	31 Cords	\$ 13.45 / Cord
Quaking Aspen	157 Cords	\$ 12.80 / Cord
Red Maple	446 Cords	\$ 13.45 / Cord
Sugar Maple	109 Cords	\$ 13.45 / Cord
White Pine	652 Cords	\$ 14.10 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 5.30 percent. There are an estimated 4,867 cords on this timber sale, plus or minus 258 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 \$6,127.70 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	36.2%
02	4.1%
03	8.5%
04	40.5%
05	2.1%
06	8.6%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 04/14/2024.

### **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
384,512	4,867	5.30%	4,609	5,126

## 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
28	20,794	263	21.99%	205	321
31	142,744	1,807	8.09%	1,661	1,953
52	153,890	1,948	9.53%	1,762	2,134
59	6,841	87	22.96%	67	106
68	30,869	391	15.99%	328	453
931	22,063	279	11.44%	247	311
<b>TOTAL:</b>	<b>377,201</b>	<b>4,775</b>		<b>4,271</b>	<b>5,279</b>

## 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
28	14.4	3	14.4
31	39.4	1	39.4
52	41.7	4	41.7
59	7.5	5	7.5
68	16.6	6	16.6
931	8.0	2	8.0
<b>TOTAL:</b>	<b>127.6</b>		<b>127.6</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	158.9	MBF	39.4	\$44,390.55
	Black Cherry		24.4	MBF		
	Red Maple		62.9	MBF		
	White Pine		97.2	MBF		
	B. T. Aspen		711	Cords		
	Black Cherry	Pulpwood	11	Cords		
	Ironwood		14	Cords		
	Quaking Aspen		85	Cords		
	Red Maple		123	Cords		
	Sugar Maple		37	Cords		
	White Pine		139	Cords		
2	B. T. Aspen	Sawtimber	6.6	MBF	8.0	\$4,979.35
	Red Maple		9.2	MBF		
	B. T. Aspen	Pulpwood	209	Cords		
	Red Maple		39	Cords		
3	B. T. Aspen	Sawtimber	14.3	MBF	14.4	\$10,395.90
	Beech		15.5	MBF		
	Black Cherry		1.9	MBF		
	Red Maple		13.4	MBF		
	Sugar Maple		18.7	MBF		
	B. T. Aspen	Pulpwood	9	Cords		
	Beech		13	Cords		
	Black Cherry		2	Cords		
	Ironwood		4	Cords		
	Red Maple		84	Cords		
	Sugar Maple		25	Cords		
4	B. T. Aspen	Sawtimber	308.7	MBF	41.7	\$49,792.60
	Quaking Aspen		16.1	MBF		
	Red Maple		9.0	MBF		
	White Pine		112.0	MBF		
	B. T. Aspen	Pulpwood	294	Cords		
	Basswood		5	Cords		
	Black Cherry		37	Cords		
	Ironwood		13	Cords		
	Quaking Aspen		51	Cords		
	Red Maple		153	Cords		
	Sugar Maple		4	Cords		
	White Pine		500	Cords		
5	Basswood	Sawtimber	2.0	MBF	7.5	\$2,513.95
	Red Maple		4.9	MBF		
	Sugar Maple		3.9	MBF		
	White Pine		5.4	MBF		
	Basswood	Pulpwood	2	Cords		
	Red Maple		25	Cords		
	Sugar Maple		14	Cords		
	White Pine		13	Cords		
6	B. T. Aspen	Sawtimber	35.0	MBF	16.6	\$10,481.65
	Black Cherry		4.0	MBF		
	Red Maple		9.2	MBF		
	Sugar Maple		9.1	MBF		
	B. T. Aspen	Pulpwood	198	Cords		
	Black Cherry		6	Cords		
	Quaking Aspen		21	Cords		
	Red Maple		22	Cords		
	Sugar Maple		29	Cords		

TOTAL:	942.3	MBF
TOTAL:	2,892	Cords

## **Sale Specific Conditions & Requirements**

**Sale Name: Old Monarch Mix**

**Sale Number: 61-057-21 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 or red 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**

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

Within Payment Unit(s) 3 and 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Also, any ironwood tree can be cut in these Payment Units to provide more room as needed for harvest equipment operations.

##### **2.1.7 - Leave tree marked unit(s) (6/14)**

Within Payment Unit(s) 1, 2, 4, and 6, all red maple, sugar maple, aspen, cherry, beech, ironwood, basswood, and white pine trees which meet minimum piece specifications in 2.2 Utilization, are designated for cutting. Except, In Payment Units 2 and 6, do not cut any white pine trees. Also, within all Payment Units do not cut any tree marked with green paint above and below stump height and as much as possible, protect advance sugar maple regeneration in the understory.

#### **2.2 - Utilization**

##### **2.2.3 - Stump heights (4/07)**

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH.

##### **2.2.5 - Limbed tree skidding (1/09)**

The skidding of whole trees or tree segments with limbs attached is prohibited in Payment Units 3 and 5, unless approved by the Unit Manager or his/her representative.

### **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 removed from the sale unless otherwise specified by the 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**

#### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 3 and 5, unless changed by written agreement, cutting 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

##### 5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

##### 5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, 2, 4, and 6 leave one 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as maple or if no hardwoods are present, a white pine. These will be evenly scattered throughout the Payment Unit. These trees will be evenly scattered throughout the Payment Unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

#### 5.2.41 - Snowmobile trail protection (9/11)

The Betsie River is a snowmobile trail and 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 1. 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. The snowmobile trail may only be crossed at right angles. 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.



**TIMBER SALE MAP**

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

Sale Number		Year	
61 -057		21	
Date	Page	of	
09/30/2021	1	1	
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 = Tired Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hardwoods	M = Mpl. Ech. Birch	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 = Cress	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	39.4	4	41.7
2	8	5	7.5
3	14.4	6	16.6

**Old Monarch Mix**

Compartment 25

127.6 Acres

