



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #7437

REVISION NOTICE #1 - April 22, 2024

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on Tuesday, May 21, 2024

LOCATION: **GAYLORD MGMT UNIT, 1732 West M 32, Gaylord, MI 49735**

This prospectus has been modified with the following changes.

Back Again Mix 52-120-23

2 - Timber Specifications 2.1

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

Within Payment Unit(s) 1-3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except within Payment Unit 1, do not cut cedar or trees that are 26 inches at DBH or greater.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Lucas Merrick at 231-340-5103.



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7437**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on May 21, 2024.

LOCATION: GAYLORD MGMT UNIT, 1732 WEST M 32, GAYLORD, MI 49735.

CONTACT NAME: Lucas Merrick

PHONE NUMBER: (231) 340-5103

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

Back Again Mix (52-120-23) / T38N, R03W, SEC. 13, SWSW.

T38N, R03W, SEC. 14, SESE.

T38N, R03W, SEC. 23, NESE.

T38N, R03W, SEC. 24, N1/2NW,SWNW.

Cheboygan County, Advertised Price \$17,628.25, 38.2 Acres, Aspen, N White Cedar.

SALE NOTE: Access to Payment Unit 1 will be through private property. In addition, permission might be possible to use private property for a portion of access route to Payment Units 2 and 3.

Furthermore, Payment Unit 2 has areas of wet ground to cross. It is recommended that Payment Unit 2 be harvested in dry summer or frozen winter conditions. Some aspen is large DBH and over-mature. There are pockets of high volume, nice quality cedar.

Access may be through private land.

TIMBER SALE INFORMATION

Back Again Mix (52-120-23)

T38N, R03W, SEC. 13; T38N, R03W, SEC. 14; T38N, R03W, SEC. 23; T38N, R03W, SEC. 24.

Cheboygan County (Advertised Price \$17,628.25)

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Access may be through private land.

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		
Paper Birch	5.5 MBF	\$ 30.00 / MBF
Red Maple	1.3 MBF	\$ 121.00 / MBF
Sugar Maple	3.8 MBF	\$ 187.00 / MBF
Pulpwood		
B. T. Aspen	109 Cords	\$ 13.90 / Cord
Balsam Fir	127 Cords	\$ 10.20 / Cord
N. White Cedar	432 Cords	\$ 8.60 / Cord
Paper Birch	50 Cords	\$ 9.05 / Cord
Quaking Aspen	433 Cords	\$ 13.90 / Cord
Red Maple	108 Cords	\$ 14.75 / Cord
Sugar Maple	83 Cords	\$ 14.75 / Cord
White Spruce	93 Cords	\$ 8.40 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 18.28 percent. There are an estimated 1,522 cords on this timber sale, plus or minus 278 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 \$1,762.83 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	21.6%
02	67.6%
03	10.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

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
120,253	1,522	18.28%	1,244	1,801

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
34	18,270	231	43.70%	130	332
41	89,377	1,131	25.32%	845	1,418
81	12,606	160	41.18%	94	225
TOTAL:	120,253	1,522		1,069	1,975

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
34	6.8	1	6.8
41	26.4	2	26.4
81	5.0	3	5.0
TOTAL:	38.2		38.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	3.2	MBF	6.8	\$3,811.25
	Red Maple		1.3	MBF		
	Sugar Maple		3.8	MBF		
	Balsam Fir	Pulpwood	20	Cords		
	Paper Birch		14	Cords		
	Quaking Aspen		76	Cords		
	Red Maple		16	Cords		
	Sugar Maple		83	Cords		
2	Paper Birch	Sawtimber	2.3	MBF	26.4	\$11,914.20
	B. T. Aspen	Pulpwood	74	Cords		
	Balsam Fir		58	Cords		
	N. White Cedar		432	Cords		
	Paper Birch		36	Cords		
	Quaking Aspen		342	Cords		
	Red Maple		44	Cords		
	White Spruce		93	Cords		
3	B. T. Aspen	Pulpwood	35	Cords	5.0	\$1,902.80
	Balsam Fir		49	Cords		
	Quaking Aspen		15	Cords		
	Red Maple		48	Cords		
TOTAL:			10.6	MBF		
TOTAL:			1,435	Cords		

Sale Specific Conditions & Requirements

Sale Name: Back Again Mix

Sale Number: 52-120-23 Seq#: 2

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 and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut cedar. In addition, within Payment Unit 1, do not cut trees that are 26 inches at DBH or greater.

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.

4.1.6 - 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.

4.1.7 - 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.

4.2 - Maintenance

4.2.4 - Grading (10/16)

For completion of the sale, state forest and private access roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land has verbally been obtained by the DNR for Payment Unit 1 and may be available for a portion of the access route to Payment Units 2 and 3. Securing access is responsibility of the Purchaser.

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 operations, to

determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 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 3 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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

The access road to, and skid trails within, Payment Unit 2 may require extra protection such as that afforded by timber mats or interlocking composite mats. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 2, cutting, skidding, and hauling occur during dry summer (approximately June to August) or frozen winter (approximately January to March) conditions with tracked equipment.

The reason for the recommendation is due to the wet soil conditions on parts of the access road and unit.

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.

5.4 - 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 are 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.

5.4.5 - Soil caution (11/04)

Care must be taken to minimize soil damage due to areas of wetter soils in Payment Unit 2.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from individual tree windthrow and over-maturity. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.

**TIMBER SALE MAP**

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

Sale Number	Year
52 - 120	23

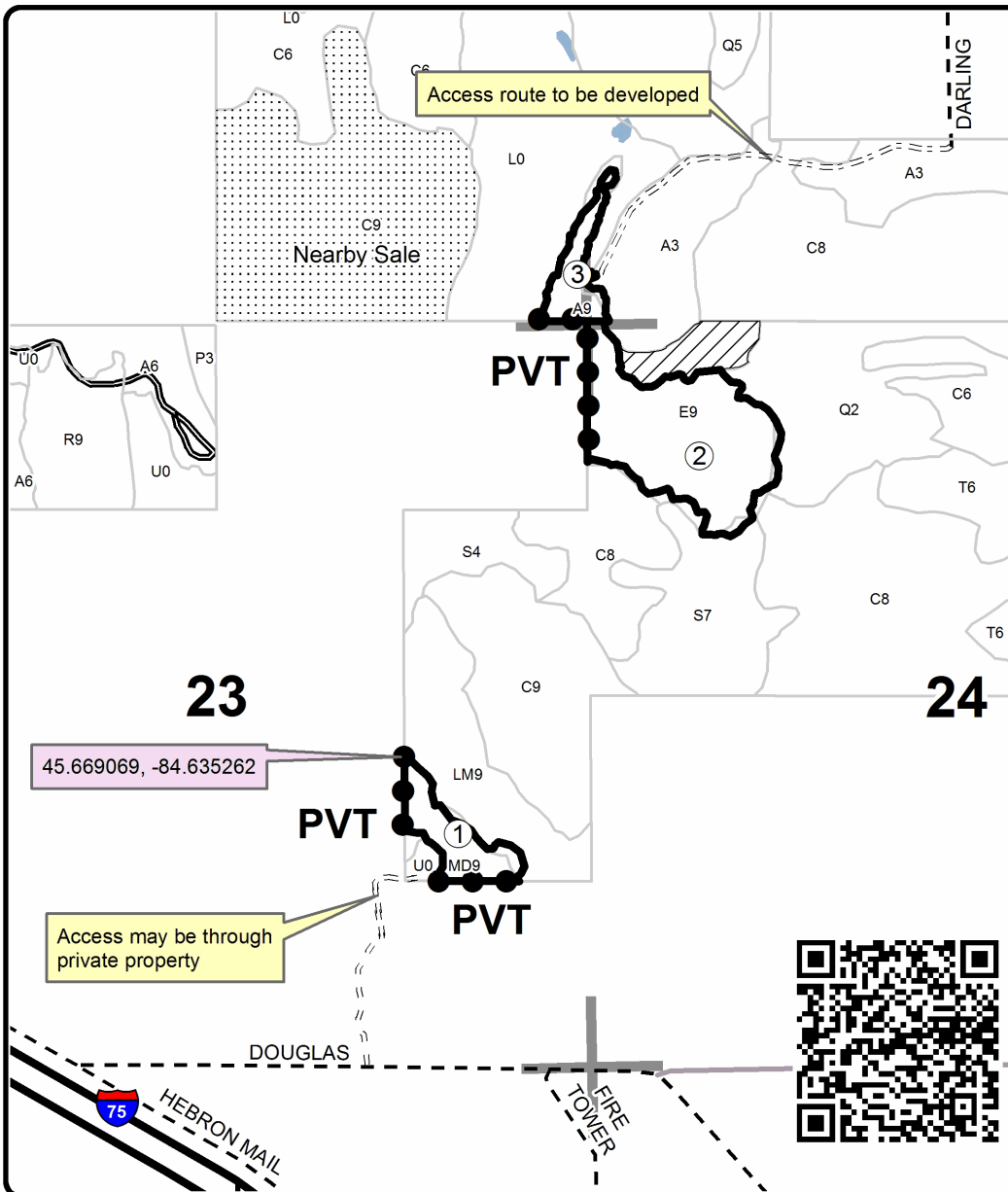
Forest Management Unit Gaylord	County Cheboygan	Mapped By TSP	Date 09/19/2023	Page 1	of 1
Township 38N	Range 03W	Section(s) and Subdivision(s) 13: SWSW; 14: SESE; 23: NESE; 24: N1/2NW, SWNW	Scale 1:15,840		

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	6.8
2	26.4
3	5.0

Back Again Mix

Compartment 162 & 163
38.2 Acres

**Legend**

- Against State (Red)
- Private Line (Blue)
- ▨ Retention Area
- ▤ Nearby Timber Sales
- Stand Boundaries
- Highways
- Secondary Forest Road
- Paved Road
- - Gravel Road
- Private
- Lakes and Rivers
- Section Corners

Locator Map
1:200,000