



**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:

High Steppin Linsley Mix (52-121-23) / T38N, R04W, SEC. 3 , W1/2SW.

T38N, R04W, SEC. 4 , E1/2NW,NE,SW,N1/2SE,SESE.

T38N, R04W, SEC. 5 , S1/2NE,N1/2SE,SESE.

T38N, R04W, SEC. 8 , NENE.

T38N, R04W, SEC. 9 , N1/2NW.

T39N, R04W, SEC. 33, SESW,SWSE.

Emmet County, Advertised Price \$138,142.50, 315.8 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: Access may be difficult to some Payment Units. In addition, there is a possibility for private access to Payment Units 2, 4, and 5. Furthermore, aspen is large DBH and over-mature. There is some large DBH spruce as well. It is recommended that the sale be harvested in dry summer or frozen winter conditions.

Access may be through private land.

## TIMBER SALE INFORMATION

### High Steppin Linsley Mix (52-121-23)

T38N, R04W, SEC. 3; T38N, R04W, SEC. 4; T38N, R04W, SEC. 5; T38N, R04W, SEC. 8; T38N, R04W, SEC. 9; T39N, R04W, SEC. 33.  
Emmet County (Advertised Price \$138,142.50)

SALE NOTE: Access may be difficult to some Payment Units. In addition, there is a possibility for private access to Payment Units 2, 4, and 5. Furthermore, aspen is large DBH and over-mature. There is some large DBH spruce as well. It is recommended that the sale be harvested in dry summer or frozen winter conditions.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
Red Maple	91.3	MBF	\$ 165.00 / MBF
Pulpwood			
B. T. Aspen	342	Cords	\$ 18.95 / Cord
Balsam Fir	1,299	Cords	\$ 13.90 / Cord
Balsam Poplar	139	Cords	\$ 18.95 / Cord
Basswood	12	Cords	\$ 11.00 / Cord
Black Spruce	8	Cords	\$ 11.50 / Cord
Paper Birch	409	Cords	\$ 12.35 / Cord
Quaking Aspen	2,418	Cords	\$ 18.95 / Cord
Red Maple	1,763	Cords	\$ 20.10 / Cord
White Ash	39	Cords	\$ 20.10 / Cord
White Spruce	747	Cords	\$ 11.50 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 8.25 percent. There are an estimated 7,453 cords on this timber sale, plus or minus 616 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 \$13,814.25 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	30.7%
02	9.4%
03	14.2%
04	37.9%
05	7.8%

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
588,796	7,453	8.25%	6,838	8,069

## 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
16	40,678	515	25.44%	384	646
22	61,437	778	24.89%	584	971
27	94,874	1,201	16.54%	1,002	1,400
29	177,177	2,243	14.93%	1,908	2,578
127	214,630	2,717	17.03%	2,254	3,179
<b>TOTAL:</b>	<b>588,796</b>	<b>7,453</b>		<b>6,132</b>	<b>8,774</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
16	20.6	5	20.6
22	33.2	2	33.2
27	60.9	3	60.9
29	97.0	1	97.0
127	104.1	4	104.1
<b>TOTAL:</b>	<b>315.8</b>		<b>315.8</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	5.7	MBF	97.0	\$42,463.25
	B. T. Aspen	Pulpwood	195	Cords		
	Balsam Fir		244	Cords		
	Balsam Poplar		47	Cords		
	Black Spruce		8	Cords		
	Paper Birch		94	Cords		
	Quaking Aspen		1,169	Cords		
	Red Maple		451	Cords		
	White Ash		22	Cords		
	White Spruce		55	Cords		
	2	Red Maple	Sawtimber	4.7		
B. T. Aspen		Pulpwood	42	Cords		
Balsam Fir			150	Cords		
Paper Birch			70	Cords		
Quaking Aspen			273	Cords		
Red Maple			96	Cords		
White Ash			8	Cords		
White Spruce			106	Cords		
3		Red Maple	Sawtimber	10.2	MBF	60.9
	Balsam Fir	Pulpwood	357	Cords		
	Balsam Poplar		72	Cords		
	Paper Birch		89	Cords		
	Quaking Aspen		200	Cords		
	Red Maple		197	Cords		
	White Ash		9	Cords		
	White Spruce		224	Cords		
4	Red Maple	Sawtimber	55.2	MBF	104.1	\$52,320.85
	B. T. Aspen	Pulpwood	105	Cords		
	Balsam Fir		491	Cords		
	Balsam Poplar		20	Cords		
	Basswood		12	Cords		
	Paper Birch		121	Cords		
	Quaking Aspen		673	Cords		
	Red Maple		790	Cords		
	White Spruce		327	Cords		
	5	Red Maple	Sawtimber	15.5		
Balsam Fir		Pulpwood	57	Cords		
Paper Birch			35	Cords		
Quaking Aspen			103	Cords		
Red Maple			229	Cords		
White Spruce			35	Cords		
TOTAL:			91.3	MBF		
TOTAL:			7,176	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: High Steppin Linsley Mix**

**Sale Number: 52-121-23 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, 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. Retention patches within unit boundaries are marked with teal paint; no harvesting activities may occur within these areas.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

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

Within Payment Unit(s) 1-5, cut all trees which meet minimum piece specifications in 2.2 Utilization, except within Payment Units 1-4 do not cut hemlock, cedar or pine.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing payment units (7/14)**

Payment Unit(s) 1 and 4, 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 Amendment. There will 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.

##### **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. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Contact the Sale Administrator for specific details of design and placement.

#### **4.2 - Maintenance**

##### **4.2.4 - Grading (10/16)**

For completion of the sale, state forest and any private access roads used 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 is the responsibility of the Purchaser. Access may be possible to Payment Units 2, 4 and 5 through private property.

## 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.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees, nine (9) inches or larger in diameter on the ground for every two acres. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of ten feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

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

Some access roads or skid trails may require extra protection such as that afforded by timber mats and 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) 1-5, 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 soils.

#### 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 the wet soils.

### 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 - 121	23

Forest Management Unit Gaylord	County Emmet	Mapped By TSP	Date 09/19/2023	Page 1	of 1
Township 38N & 39N	Range 04W	Section(s) and Subdivision(s) 38N 04W 3: W1/2SW; 4: E1/2SW, NE, SW, N1/2SE, SESE; 5: S1/2NE, N1/2SE, SESE; 8: NENE; 9: N1/2NW; 39N 04W 33: SESW, SWSE	Cruised By Scheele	Scale 1:15,840	

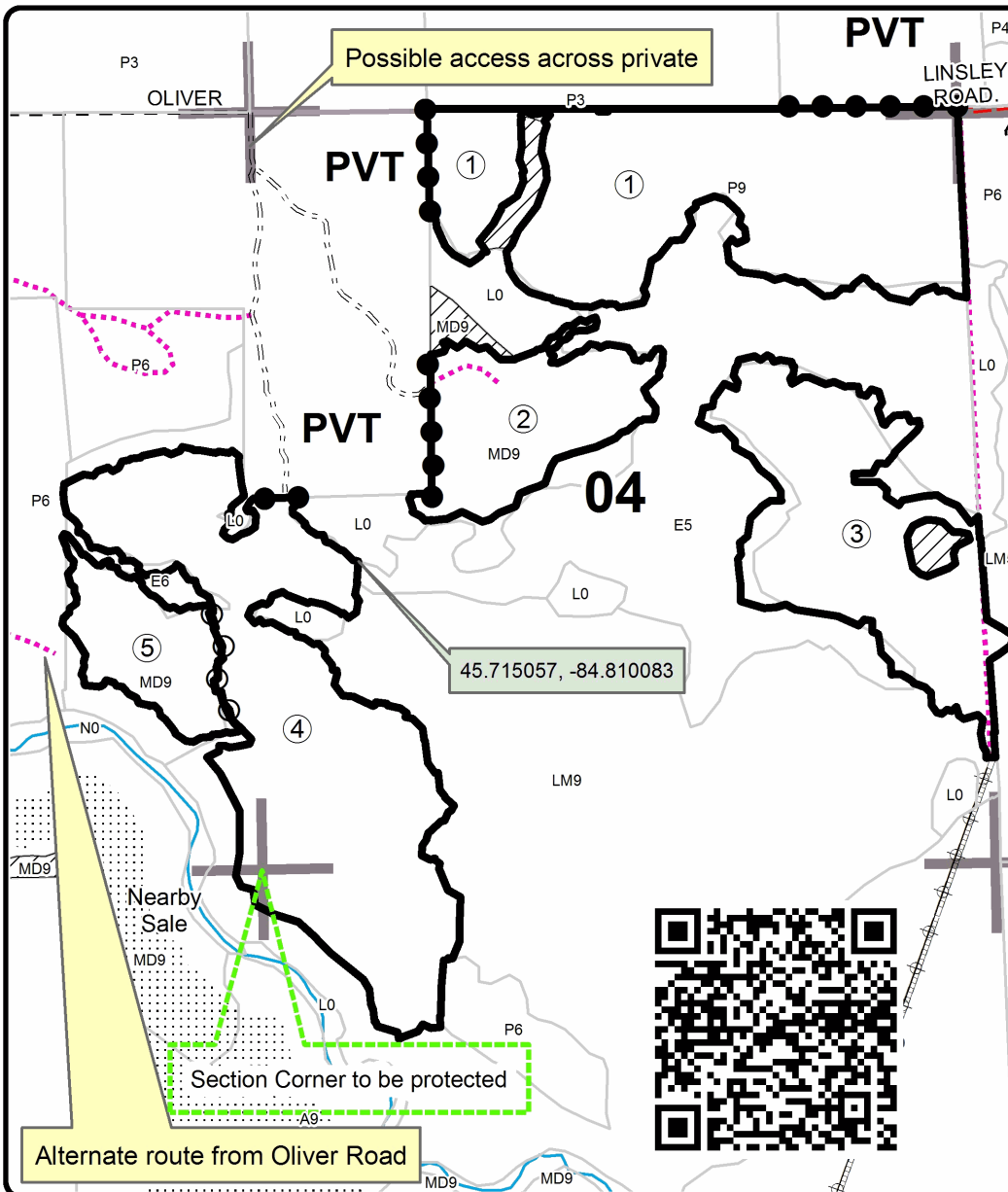
**Cover Type**

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

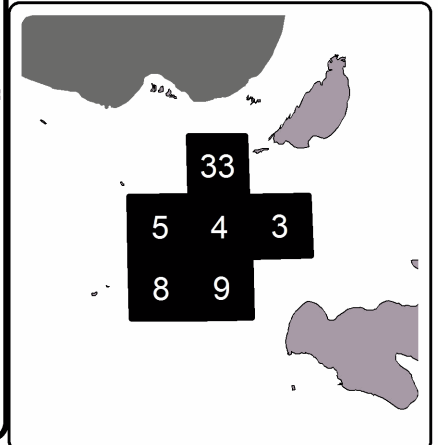
**Density**

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	97.0	4	104.1
2	33.2	5	20.6
3	60.9		

**High Steppin Linsley Mix**Compartment 120  
315.8 Acres**Legend**

- Against State (Red)
- ○ Payment Unit (Yellow)
- ● Private Line (Blue)
- ▨ Retention Area
- ⋯ Nearby Timber Sales
- Stand Boundaries
- == Forest Access Route
- - Gravel Road
- - County Road - Seasonal
- Private
- ⋯ Temporary Management Access
- Perennial River
- Section Corners

Locator Map  
1:200,000

0 0.125 0.25 0.5 0.75 1 Miles