



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6971

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on December 21, 2021.**

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

CONTACT NAME: Lucas Merrick

PHONE NUMBER: (989) 732-3541

PROSPECTUS NOTE: All bid openings for the Gaylord Management Unit (Gaylord Field Office and Indian River Field Office) will be held at the Gaylord Field Office regardless of sale location within the unit. All payments and contract executions will now be handled through the Gaylord Field Office. The Indian River 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 Gaylord 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, GAYLORD MANAGEMENT UNIT, for certain timber on the following described lands:

Way Back There R.P. (52-119-20) / T36N, R06W, SEC. 12, NE,SW.

Emmet County, Advertised Price \$171,338.10, 102.7 Acres, Hardwood, Red 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 4.4.4 for information on access to sale.

TIMBER SALE INFORMATION

Way Back There R.P. (52-119-20)

T36N, R06W, SEC. 12.

Emmet County (Advertised Price \$171,338.10)

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 4.4.4 for information on access to sale.

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	34.4 MBF	\$ 45.00 / MBF
Basswood	3.0 MBF	\$ 49.00 / MBF
Black Cherry	14.6 MBF	\$ 113.00 / MBF
Red Maple	13.4 MBF	\$ 77.00 / MBF
Red Pine	1,080.5 MBF	\$ 74.00 / MBF
Sugar Maple	53.2 MBF	\$ 362.00 / MBF
Pulpwood		
B. T. Aspen	112 Cords	\$ 17.35 / Cord
Mixed Hardwood	551 Cords	\$ 16.40 / Cord
Red Pine	1,655 Cords	\$ 34.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 3.99 percent. There are an estimated 4,856 cords on this timber sale, plus or minus 194 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 \$8,566.91 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	25.5%
02	18.2%
03	13.4%
04	17.1%
05	13.1%
06	12.7%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

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.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
383,648	4,856	3.99%	4,662	5,050

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
41	117,933	1,493	7.89%	1,375	1,611
46	28,648	363	12.50%	317	408
49	103,423	1,309	9.20%	1,189	1,430
54	122,590	1,552	4.68%	1,479	1,624
TOTAL:	372,593	4,716		4,360	5,073

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
41	38.0	3	16.7
		4	21.3
46	6.6	1	0.8
		2	5.8
49	28.0	5	14.2
		6	13.8
54	30.1	1	20.8
		2	9.3
TOTAL:	102.7		102.7

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	0.8	MBF	21.6	\$43,703.35
	Red Maple		1.2	MBF		
	Red Pine		280.6	MBF		
	Sugar Maple		19.1	MBF		
	B. T. Aspen	Pulpwood	1	Cords		
	Mixed Hardwood		94	Cords		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		9	<i>Cords</i>		
	<i>Sugar Maple</i>		84	<i>Cords</i>		
	Red Pine		418	Cords		
2	B. T. Aspen	Sawtimber	5.8	MBF	15.1	\$31,226.10
	Red Maple		9.1	MBF		
	Red Pine		125.5	MBF		
	Sugar Maple		27.7	MBF		
	B. T. Aspen	Pulpwood	10	Cords		
	Mixed Hardwood		266	Cords		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		30	<i>Cords</i>		
	<i>Sugar Maple</i>		229	<i>Cords</i>		
	Red Pine		187	Cords		
3	B. T. Aspen	Sawtimber	4.7	MBF	16.7	\$23,004.40
	Basswood		1.3	MBF		
	Black Cherry		4.4	MBF		
	Red Maple		1.4	MBF		
	Red Pine		175.1	MBF		
	Sugar Maple		2.8	MBF		
	B. T. Aspen	Pulpwood	32	Cords		
	Mixed Hardwood		45	Cords		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Black Cherry</i>		20	<i>Cords</i>		
	<i>Ironwood</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		4	<i>Cords</i>		
	<i>Sugar Maple</i>		15	<i>Cords</i>		
	Red Pine		200	Cords		
4	B. T. Aspen	Sawtimber	5.9	MBF	21.3	\$29,311.30
	Basswood		1.7	MBF		
	Black Cherry		5.5	MBF		
	Red Maple		1.7	MBF		
	Red Pine		223.4	MBF		
	Sugar Maple		3.6	MBF		
	B. T. Aspen	Pulpwood	40	Cords		
	Mixed Hardwood		57	Cords		
	<i>Basswood</i>		4	<i>Cords</i>		
	<i>Black Cherry</i>		26	<i>Cords</i>		
	<i>Ironwood</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		5	<i>Cords</i>		
	<i>Sugar Maple</i>		18	<i>Cords</i>		
	Red Pine		255	Cords		
5	B. T. Aspen	Sawtimber	8.7	MBF	14.2	\$22,372.15
	Black Cherry		2.4	MBF		
	Red Pine		139.9	MBF		
	B. T. Aspen	Pulpwood	15	Cords		
	Mixed Hardwood		45	Cords		
	<i>Black Cherry</i>		14	<i>Cords</i>		
	<i>Red Maple</i>		22	<i>Cords</i>		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	<i>Sugar Maple</i> Red Pine	<i>Pulpwood</i>	9 302	<i>Cords</i> Cords		
6	B. T. Aspen Black Cherry Red Pine B. T. Aspen Mixed Hardwood <i>Black Cherry</i> <i>Red Maple</i> <i>Sugar Maple</i> Red Pine	Sawtimber Pulpwood	8.5 2.3 136.0 14 44 14 22 8 293	MBF MBF MBF Cords Cords <i>Cords</i> <i>Cords</i> <i>Cords</i> Cords	13.8	\$21,720.80
TOTAL:			1,199.1	MBF		
TOTAL:			2,318	Cords		

Sale Specific Conditions & Requirements

Sale Name: Way Back There R.P.

Sale Number: 52-119-20 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. 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) 1-6, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with green paint or black cherry over 20" at DBH.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-6 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

4.1.7 - 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. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

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.

4.4 - Access

4.4.4 - Restricted access (10/05)

Access to this sale is limited to an access road off State Road. The access road is blocked by a berm which is marked on the Timber Sale Map. Removal of the berm will be required before the access road can be used.

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.

5.2 - 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.

5.2.3 - 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.

5.4 - 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.

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.

**TIMBER SALE MAP**

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

Sale Number	Year
52-119	20

Forest Management Unit	County	Mapped By	Date	Page	of
GFMU / Indian River Field Office	Emmet	Harig	9/22/2021	1	1
Cruised By					
Harig					

Township	Range	Section(s) and Subdivision(s)	Scale
36N	06W	Section 12: NE1/4, SW1/4	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	21.6	4	21.3
2	15.1	5	14.2
3	16.7	6	13.8

Way Back There R.P.**Compartment 104****102.7 Acres**