

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7176

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on May 1, 2023.

LOCATION: GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841.

<u>CONTACT NAME:</u> Kristen Matson <u>PHONE NUMBER:</u> (906) 346-9201

<u>PROSPECTUS NOTE:</u> 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, GWINN MANAGEMENT UNIT, for certain timber on the following described lands:

Corner River (32-004-22) / T43N, R25W, SEC. 10, NW.

T43N, R25W, SEC. 3, SWNW,SW. T43N, R25W, SEC. 4, SENE,E1/2SE. T43N, R25W, SEC. 9, NE,NWSE.

Marquette County, Advertised Price \$109,075.90, 203.7 Acres, Aspen, Hardwood.

SALE NOTE: Some Payment Units have received damage from spruce budworm. Little West Road is a County Road for approximately 3 miles off of County Road 557 and spans across the entire sale area. Little West Road is an ORV/snowmobile trail and must be properly signed and protected.

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

Corner River (32-004-22)

T43N, R25W, SEC. 10; T43N, R25W, SEC. 3; T43N, R25W, SEC. 4; T43N, R25W, SEC. 9.

Marguette County (Advertised Price \$109,075.90)

SALE NOTE: Some Payment Units have received damage from spruce budworm. Little West Road is a County Road for approximately 3 miles off of County Road 557 and spans across the entire sale area. Little West Road is an ORV/snowmobile trail and must be properly signed and protected.

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:

ESTIMATE	D UNITS*	<u>ADV</u>	ERTISED PRICE
8.2	MBF	\$	32.00 / MBF
1.4	MBF	\$	84.00 / MBF
2.1	MBF	\$	54.00 / MBF
18.2	MBF	\$	126.00 / MBF
1.3	MBF	\$	128.00 / MBF
141.4	MBF	\$	176.00 / MBF
377	Cords	\$	14.20 / Cord
1,893	Cords	\$	23.15 / Cord
1,594	Cords	\$	14.90 / Cord
38	Cords	\$	54.75 / Cord
317	Cords	\$	19.65 / Cord
	8.2 1.4 2.1 18.2 1.3 141.4 377 1,893 1,594 38	1.4 MBF 2.1 MBF 18.2 MBF 1.3 MBF 141.4 MBF 377 Cords 1,893 Cords 1,594 Cords 38 Cords	8.2 MBF \$ 1.4 MBF \$ 2.1 MBF \$ 18.2 MBF \$ 1.3 MBF \$ 141.4 MBF \$ 377 Cords \$ 1,893 Cords \$ 1,594 Cords \$ 38 Cords \$

^{*} The total volume is statistically estimated within plus (+) or minus (-) 12.75 percent. There are an estimated 4,526 cords on this timber sale, plus or minus 577 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 \$5,453.80 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:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	10.4%
02	2.0%
03	4.7%
04	3.8%
05	6.5%
06	6.9%
07	8.6%
08	7.3%
09	0.7%
10	9.6%
11	1.1%
12	7.3%
13	17.3%
14	13.8%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 08/30/2026.

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		VOLUME			STATISTICAL RA	ANGE IN CORDS
	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM		
	357,574	4,526	12.75%	3,949	5,104		

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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	44,083	558	18.83%	453	663
2	45,378	574	20.97%	454	695
3	33,112	419	34.52%	274	564
4	110,368	1,397	16.79%	1,163	1,632
5	49,624	628	32.76%	422	834
6	2,571	33	49.23%	17	49
7	42,629	540	34.97%	351	728
8	21,261	269	38.63%	165	373
9	8,548	108	41.78%	63	153
TOTAL:	357,574	4,526		3,362	5,691

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
1	58.5	4	12.8
		5	22.2
		6	23.5
2	35.9	7	19.4
		8	16.5
3	14.0	12	14.0
4	35.8	13	20.0
		14	15.8
5	18.3	10	16.4
		11	1.9
6	3.6	9	3.6
7	12.3	1	12.3
8	13.2	3	13.2
9	12.1	2	12.1
TOTAL:	203.7		203.7

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Sugar Maple	Sawtimber	3.9	MBF	12.3	\$11,329.30
	Balsam Fir	Pulpwood	101	Cords		
	Mixed Aspen		253	Cords		
	B. T. Aspen		47	Cords		
	Quaking Aspen		206	Cords		
	Mixed Hardwood		39	Cords		
	Sugar Maple		39	Cords		
	White Spruce		141	Cords		
2	Sugar Maple	Sawtimber	3.7	MBF	12.1	\$2,178.20
	Balsam Fir	Pulpwood	11	Cords		
	Mixed Hardwood		92	Cords		
	Basswood		3	Cords		
	Ironwood		2	Cords		
	Red Maple		20	Cords		
	Sugar Maple		67	Cords		
3	Sugar Maple	Sawtimber	2.1	MBF	13.2	\$5,079.10
	Balsam Fir	Pulpwood	85	Cords		
	Mixed Aspen		39	Cords		
	Quaking Aspen		39	Cords		
	Mixed Hardwood		36	Cords		
	Balsam Poplar		6	Cords		
	Basswood		7	Cords		
	Sugar Maple		23	Cords		
	White Spruce		105	Cords		
4	Basswood	Sawtimber	1.2	MBF	12.8	\$4,108.10
	Red Maple		3.3	MBF		
	Sugar Maple		14.2	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		72	Cords		
	Basswood		1	Cords		
	Red Maple		12	Cords		
	Sugar Maple		59	Cords		
	White Spruce		2	Cords		
5	Basswood	Sawtimber	2.1	MBF	22.2	\$7,090.25
	Red Maple		5.8	MBF		
	Sugar Maple		24.6	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		123	Cords		
	Basswood		1	Cords		
	Red Maple		20	Cords		
	Sugar Maple		102	Cords		
	White Spruce		3	Cords		
6	Basswood	Sawtimber	2.2	MBF	23.5	\$7,494.55
	Red Maple		6.2	MBF		
	Sugar Maple	D	26.0	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		130	Cords		
	Basswood		1	Cords		
	Red Maple		21	Cords		
	Sugar Maple		108	Cords		
	White Spruce		3	Cords		<u>.</u>
7	Basswood	Sawtimber	1.5	MBF	19.4	\$9,353.55
	Red Maple		0.6	MBF		
	Sugar Maple		32.9	MBF	<u> </u>	

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
con't	Mixed Aspen	Pulpwood	25	Cords		
	Quaking Aspen		25	Cords		
	Mixed Hardwood		192	Cords		
	Basswood		4	Cords		
	Red Maple		2	Cords		
	Sugar Maple		186	Cords		
8	Basswood	Sawtimber	1.2	MBF	16.5	\$8,014.80
	Red Maple		0.5	MBF		
	Sugar Maple		28.1	MBF		
	Mixed Aspen	Pulpwood	22	Cords		
	Quaking Aspen		22	Cords		
	Mixed Hardwood		165	Cords		
	Basswood		4	Cords		
	Red Maple		2	Cords		
	Sugar Maple		159	Cords		
9	Sugar Maple	Sawtimber	1.9	MBF	3.6	\$736.70
	Mixed Hardwood	Pulpwood	27	Cords	0.0	ψ, σσ ς
	Red Maple	i dipwood	4	Cords		
	Sugar Maple		23	Cords		
10	Paper Birch	Sawtimber	1.9	MBF	16.4	\$10,490.70
10	-	Sawtillibel	1.9		10.4	φ10,490.70
	Red Maple			MBF		
	Sugar Maple	Deducered	1.2	MBF		
	Balsam Fir	Pulpwood	64	Cords		
	Mixed Aspen		229	Cords		
	Quaking Aspen		229	Cords		
	Mixed Hardwood		225	Cords		
	Basswood		11	Cords		
	Black Cherry		10	Cords		
	Paper Birch		4	Cords		
	Red Maple		129	Cords		
	Sugar Maple		71	Cords		
	White Spruce		21	Cords		
11	Paper Birch	Sawtimber	0.2	MBF	1.9	\$1,189.85
	Red Maple		0.2	MBF		
	Sugar Maple		0.1	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Mixed Aspen		27	Cords		
	Quaking Aspen		27	Cords		
	Mixed Hardwood		25	Cords		
	Basswood		1	Cords		
	Black Cherry		1	Cords		
	Red Maple		15	Cords		
	Sugar Maple		8	Cords		
	White Spruce		2	Cords		
12	Red Pine	Sawtimber	1.3	MBF	14.0	\$7,973.10
14 1		Pulpwood	13	Cords		, , , , , , , , , , , , , , , , , , , ,
12	i Baisam Fir					
12	Balsam Fir Mixed Aspen		27	I Cords		
12	Mixed Aspen	·	27 27	Cords Cords		
12	Mixed Aspen Quaking Aspen	·	27	Cords		
12	Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood	·	27 297	Cords Cords		
12	Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Balsam Poplar</i>	·	27 297 5	Cords Cords Cords		
12	Mixed Aspen Quaking Aspen Mixed Hardwood Balsam Poplar Black Ash	·	27 297 5 15	Cords Cords Cords Cords		
12	Mixed Aspen Quaking Aspen Mixed Hardwood Balsam Poplar Black Ash Black Cherry	·	27 297 5 15 10	Cords Cords Cords Cords Cords		
12	Mixed Aspen Quaking Aspen Mixed Hardwood Balsam Poplar Black Ash		27 297 5 15	Cords Cords Cords Cords		

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

PU	MARKET CROUD	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
	MARKET GROUP				ACRES	ADVERTISE PRICE
12 con't		Pulpwood	38	Cords		
	White Spruce		25	Cords		
13	Black Cherry	Sawtimber	0.8	MBF	20.0	\$19,008.50
	Sugar Maple		1.5	MBF		
	Balsam Fir	Pulpwood	46	Cords		
	Mixed Aspen		710	Cords		
	B. T. Aspen		66	Cords		
	Quaking Aspen		644	Cords		
	Mixed Hardwood		96	Cords		
	Black Ash		3	Cords		
	Black Cherry		25	Cords		
	Sugar Maple		68	Cords		
	White Spruce		8	Cords		
14	Black Cherry	Sawtimber	0.6	MBF	15.8	\$15,029.20
	Sugar Maple		1.2	MBF		
	Balsam Fir	Pulpwood	37	Cords		
	Mixed Aspen		561	Cords		
	B. T. Aspen		53	Cords		
	Quaking Aspen		508	Cords		
	Mixed Hardwood		75	Cords		
	Black Ash		2	Cords		
	Black Cherry		19	Cords		
	Sugar Maple		54	Cords		
	White Spruce		7	Cords		
	•	TOTAL:	172.6	MBF		-
		TOTAL:	4,219	Cords		

Sale Specific Conditions & Requirements

Sale Name: Corner River Sale Number: 32-004-22 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 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 painted boundary line trees are not Included Timber and are to be protected unless marked with orange 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, 3, 10, 12, 13, and 14, cut all trees that are two (2) inches or more at DBH except cedar, hemlock, and pine unless marked with orange paint above and below stump height.

In addition, within Payment Units:

Payment Units 1 and 3 - Leave black cherry, elm, paper birch, and yellow birch.

Payment Unit 12 - Leave elm and yellow birch.

Payment Unit 10 - Leave oak and yellow birch.

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

Within Payment Unit(s) 2, 4, 5, 6, 9, and 11, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

Within Payment Unit(s) 7 and 8, all trees are designated for cutting when marked with green paint above and below stump height, regardless of merchantability.

In addition: Within Payment Units(s) 2, 4, 5, 6, 7, 8, 9, and 11, all merchantable spruce/fir is designated for cutting.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Within Payment Units 2, 4, 5, 6, 7, 8, 9, and 11, skidding of unlimbed tops or lengths over 17 feet is not permissible unless approved by the Unit Manager or his/her representative.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

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.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

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. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer 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.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 3 business days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Units 1, 3, 10, 12, 13, and 14 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 4, 5, 6, 7, 8, 9, and 11, 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.

5.2.32 - 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.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of County roads without permission of the County and Unit Manager or his/her representative. This applies to Little West Road and Payment Units 4, 5, 6, 12, 13, and 14.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.39 - ORV trail/route protection (4/18)

The Little West Road is an ORV trail or route and is shown on the Timber Sale Map. Do not cut trees or damage posts with ORV markers. All stumps within 20 feet of the trail must be cut flush with the ground. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline.

5.2.41 - Snowmobile trail protection (9/11)

The Little West Road 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 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. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

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.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Little West Road and County Road 557 from both directions prior to beginning operations. The road 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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from spruce budworm. The Purchaser should harvest the wood as soon as possible. The

Department of Natural Resources is held free of responsibility of any further harvesting.	damage or deterioration due to delay in
ion Name: Sale Specific	Current as of 2/7/2023 10:24:08AM

