



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6786

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on June 23, 2021.

LOCATION: BALDWIN FIELD OFFICE, 2468 W 24TH STREET, BALDWIN, MI 49304.

CONTACT NAME: Joe Ventimiglia

PHONE NUMBER: (231) 878-0047

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

Willard Road Aspen (63-024-20) / T20N, R12W, SEC. 13, S1/2SW.

T20N, R12W, SEC. 24, N1/2NW, E1/2SW.

Lake County, Advertised Price \$62,621.10, 40.5 Acres, Aspen, Hardwood.

SALE NOTE: 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

Willard Road Aspen (63-024-20)

T20N, R12W, SEC. 13; T20N, R12W, SEC. 24.

Lake County (Advertised Price \$62,621.10)

SALE NOTE: 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 T-Sale computer program and our traditional volume equations. 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	485.4 MBF	\$ 76.00 / MBF
Red Maple	50.9 MBF	\$ 73.00 / MBF
Red Oak	73.1 MBF	\$ 164.00 / MBF
White Pine	14.0 MBF	\$ 55.00 / MBF
Pulpwood		
B. T. Aspen	423 Cords	\$ 12.70 / Cord
Red Maple	210 Cords	\$ 9.55 / Cord
Red Oak	142 Cords	\$ 12.50 / Cord
White Pine	10 Cords	\$ 10.40 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 8.49 percent. There are an estimated 2,032 cords on this timber sale, plus or minus 173 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 \$3,131.06 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	43.8%
02	56.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
160,561	2,032	8.49%	1,860	2,205

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
39	66,344	840	13.90%	723	957
62	94,215	1,193	10.34%	1,069	1,316
TOTAL:	160,560	2,032		1,792	2,272

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
39	17.9	1	17.9
62	22.6	2	22.6
TOTAL:	40.5		40.5

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	169.4	MBF	17.9	\$27,442.65
	Red Maple		32.7	MBF		
	Red Oak		47.5	MBF		
	White Pine		14.0	MBF		
	B. T. Aspen	Pulpwood	112	Cords		
	Red Maple		95	Cords		
	Red Oak		95	Cords		
	White Pine		10	Cords		
2	B. T. Aspen	Sawtimber	316.0	MBF	22.6	\$35,178.45
	Red Maple		18.2	MBF		
	Red Oak		25.6	MBF		
	B. T. Aspen	Pulpwood	311	Cords		
	Red Maple		115	Cords		
	Red Oak		47	Cords		
TOTAL:			623.4	MBF		
TOTAL:			785	Cords		

Sale Specific Conditions & Requirements

Sale Name: Willard Road Aspen

Sale Number: 63-024-20 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 red and blue paint. Exterior sale boundary lines against state are marked with red paint. Exterior sale boundary lines against private are marked with blue paint. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH except:

- Within Payment Unit 1, do not cut white oak, beech, black cherry, red pine, or green painted trees. Also, leave one 20" DBH red oak every two acres.
- Within Payment Unit 2, do not cut white oak, white pine, or green painted trees.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed either twelve (12) inches for trees ten (10) inches and more at DBH or four (4) inches for trees less than ten (10) inches at DBH.

3 - Payments

3.6 - Payment Unit Cutting Schedule

3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened. The Purchaser must give a one week notice before finishing a Payment Unit to allow for inspection.

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.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

4.2 - Maintenance

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during spring breakup or may occur during wet weather conditions.

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 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.

4.2.5 - 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.

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 operation to determine landing and road locations. The Unit Manager or their representative must be contacted at least 5 days in advance to schedule this conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed twenty four (24) inches in height.

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

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 1, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.4 - Dead and Down Creation

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

To encourage grouse and other wildlife, in Payment Unit(s) 1 and 2, leave one, ten (10) inch diameter or larger log-length, eight (8) foot minimum, piece on the ground for every 2 acres, and at least 6 large tops per acre. These will be evenly scattered throughout the Payment Units. These may either be unmerchantable pieces or full trees.

5.2.29 - Shrub protection (1/20)

Do not cut or damage hawthorn, witch-hazel, dogwood, or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

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. Landing must be planted to native grass upon completion of sale to the satisfaction of the Unit Manager or their representative.

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 Lincoln Hills Trail is an ORV route and is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 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. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the sale administrator.

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 twelve (12) inches or greater in depth and fifty (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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Willard Road, 8 Mile Road, and State Road 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 shall provide these signs.

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on Lincoln Hills ORV trail prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

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

Forest Management Unit Cadillac Management Unit		County Lake	Mapped By R. Adamczyk	Date 09/17/2020	Page 1	of 2
Township 20N	Range 12W	Section(s) and Subdivision(s) Section 24: N1/2 NW1/4 and SE1/4 SW1/4		Scale 1:8,418		

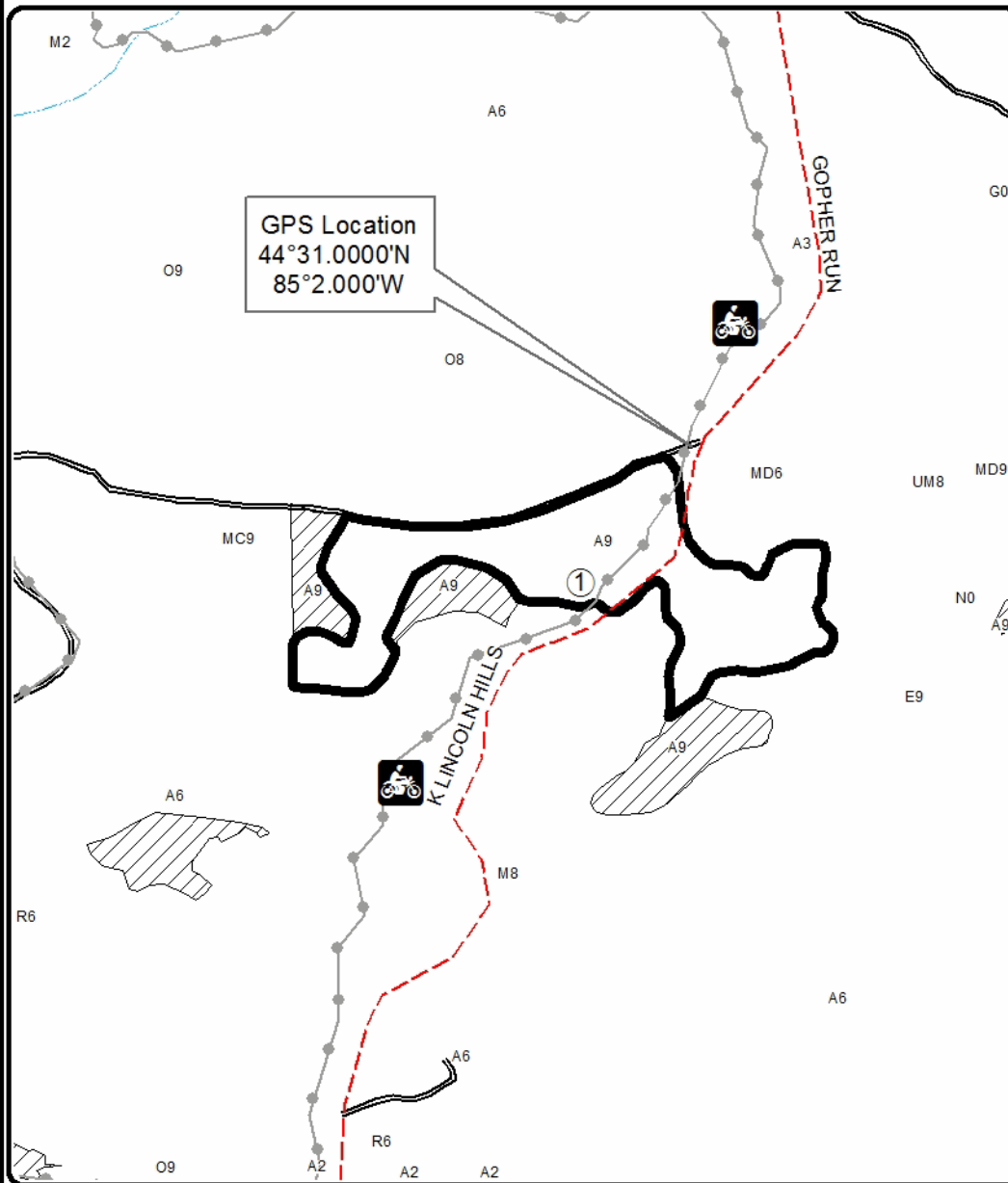
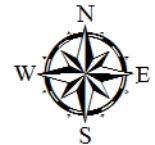
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	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	17.9
2	22.6

Willard Road Aspen

Compartment 2

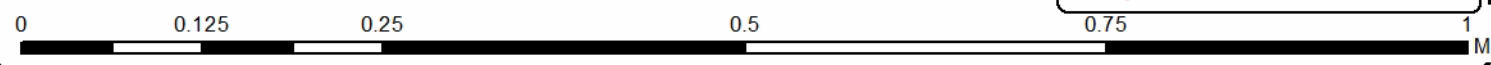
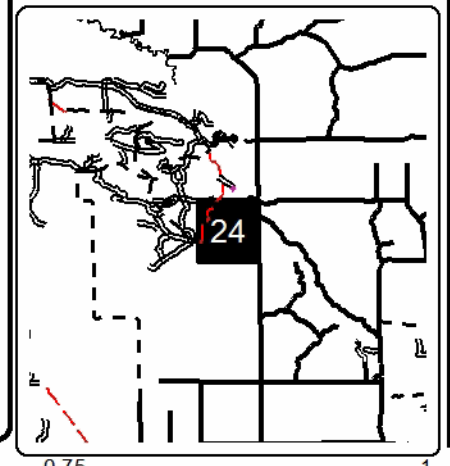
40.5 Acres



Legend

- Secondary Forest Road
- County Road - Seasonal
- Retention Area
- Against State (Red)
- Recreational Trail

Locator Map
1:200,000





TIMBER SALE MAP

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

Sale Number	Year
63 - 024	20

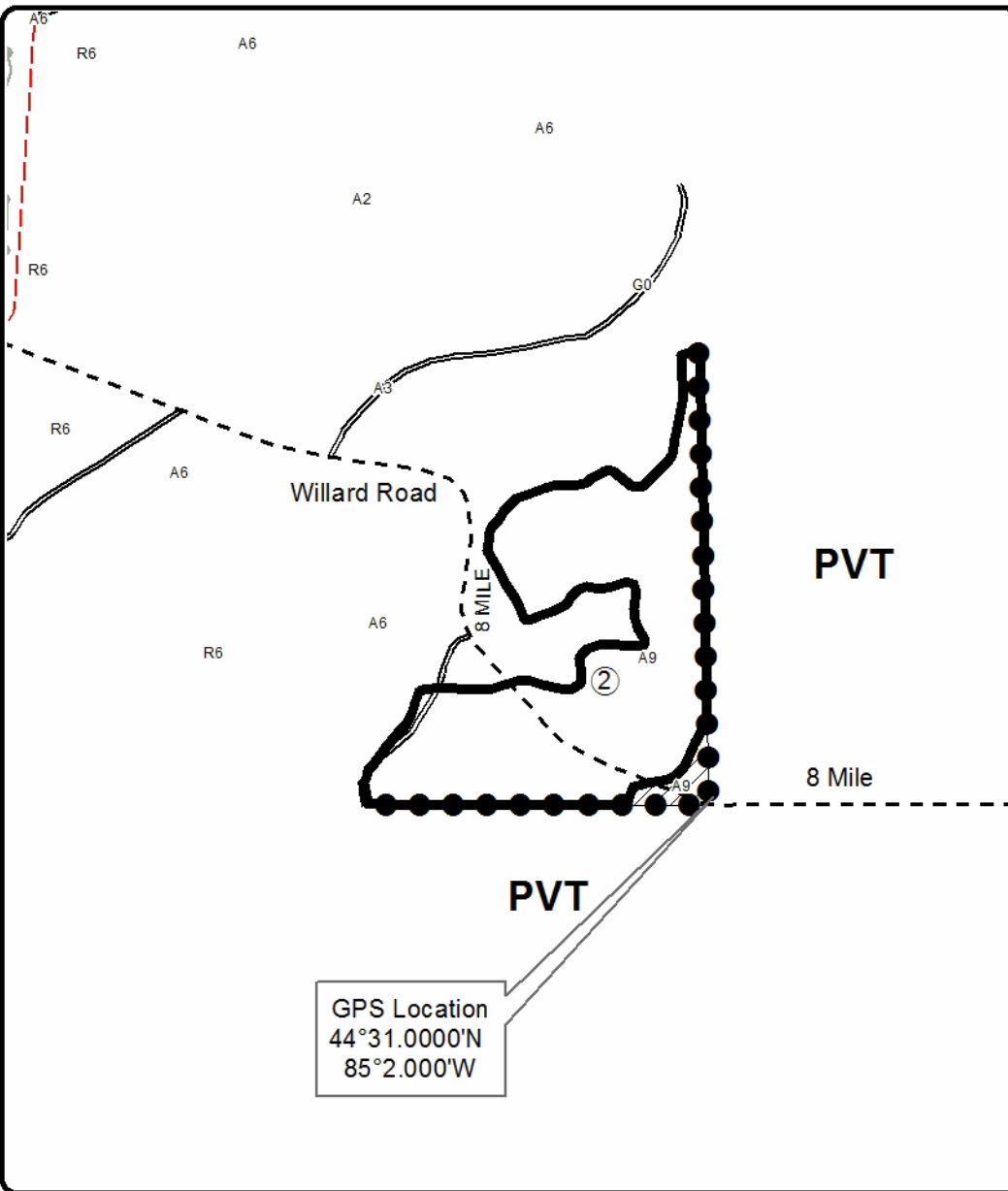
Forest Management Unit Cadillac Management Unit	County Lake	Mapped By R. Adamczyk	Date 09/17/2020	Page 2	of 2
Cruised By R. Adamczyk					

Township 20N	Range 12W	Section(s) and Subdivision(s) Section 24: N1/2 NW1/4 and SE1/4 SW1/4	Scale 1:8,418
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F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres
1	17.9
2	22.6

Willard Road Aspen Compartment 2 40.5 Acres



Legend

- Secondary Forest Road (solid line)
- Gravel Road (dashed line)
- County Road - Seasonal (dashed line with red dashes)
- Retention Area (hatched area)
- Against State (Red) (thick black line)
- Private Line (Blue) (line with black dots)

Locator Map
1:200,000

