



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6858**

**REVISION NOTICE #1 - April 7, 2021**

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

LOCATION: **GRAYLING MGMT UNIT, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738**

This prospectus has been modified with the following changes.

Arrowhead JP & Spruce (72-627-20) has been withdrawn from this prospectus.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Thomas Barnes at 989-348-6371 ext. 7440.



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CONTACT NAME: Thomas Barnes

PHONE NUMBER: (989) 348-6371

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

Dollar Lk Rd Oak (72-626-20) / T26N, R04W, SEC. 4 , NW,N1/2NE,SWNE,N1/2SW.  
T27N, R04W, SEC. 33, SWSE.

Crawford County, Advertised Price \$58,172.90, 149.6 Acres, Hardwood, Red Oak.

SALE NOTE: The harvest is on lands used for Military training and the terrain is rolling to steep. This is the second cut in the shelterwood system. There is dense 15-year old regen from the first harvest that has to be worked around. Because there is oak regen throughout the harvest, there will be no exceptions to the oak wilt seasonal operating restriction.

## TIMBER SALE INFORMATION

Dollar Lk Rd Oak (72-626-20)

T26N, R04W, SEC. 4; T27N, R04W, SEC. 33.

Crawford County (Advertised Price \$58,172.90)

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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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Northern Pin Oak	12.4 MBF	\$ 71.00 / MBF
Red Oak	466.5 MBF	\$ 90.00 / MBF
White Oak	55.6 MBF	\$ 51.00 / MBF
Pulpwood		
Jack Pine	2 Cords	\$ 12.50 / Cord
Misc. Species 1	105 Cords	\$ 4.50 / Cord
Mixed Oak	673 Cords	\$ 16.80 / Cord
Red Maple	40 Cords	\$ 16.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 14.67 percent. There are an estimated 1,890 cords on this timber sale, plus or minus 277 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 \$2,908.65 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	23.8%
02	41.3%
03	18.7%
04	16.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2024.

### **SALE STATISTICS**

#### **SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
149,272	1,890	14.67%	1,612	2,167

**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
23	22,199	281	26.82%	206	356
123	27,089	343	29.99%	240	446
223	61,035	773	24.64%	582	963
323	38,955	493	26.48%	363	624
TOTAL:	149,278	1,890		1,390	2,389

**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
23	27.1	4	27.1
123	33.6	3	33.6
223	45.9	2	45.9
323	43.0	1	43.0
TOTAL:	149.6		149.6

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Northern Pin Oak	Sawtimber	4.5	MBF	43.0	\$13,831.80			
	Red Oak		97.2	MBF					
	White Oak		23.7	MBF					
	Jack Pine	Pulpwood	2	Cords					
	Misc. Species 1		42	Cords					
	Mixed Oak		183	Cords					
	Northern Pin Oak		11	Cords					
	Red Oak		125	Cords					
	White Oak		47	Cords					
	Red Maple		16	Cords					
	Red Maple	Sawtimber	0.9	MBF					
	Red Maple	Pulpwood	14	Cords					
2	Northern Pin Oak	Sawtimber	3.6	MBF	45.9	\$24,001.20			
	Red Oak		198.9	MBF					
	White Oak		12.6	MBF					
	Misc. Species 1	Pulpwood	44	Cords					
	Mixed Oak		274	Cords					
	Northern Pin Oak		20	Cords					
	Red Oak		221	Cords					
	White Oak		33	Cords					
	Red Maple		24	Cords					
	Red Maple		24	Cords					
	3	Northern Pin Oak	Sawtimber	4.3			MBF	33.6	\$10,893.80
		Red Oak		88.8			MBF		
White Oak			9.4	MBF					
Misc. Species 1		Pulpwood	15	Cords					
Mixed Oak			122	Cords					
Northern Pin Oak			4	Cords					
Red Oak			95	Cords					
White Oak			23	Cords					
4		Red Oak	Sawtimber	81.6	MBF	27.1	\$9,446.10		
	White Oak		9.9	MBF					
	Misc. Species 1	Pulpwood	4	Cords					
	Mixed Oak		94	Cords					
	Red Oak		73	Cords					
	White Oak		21	Cords					
TOTAL:			534.5	MBF					
TOTAL:			820	Cords					

## **Sale Specific Conditions & Requirements**

**Sale Name: Dollar Lk Rd Oak**

**Sale Number: 72-626-20 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 red and yellow paint in addition to an unpainted payment unit boundary. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint, in addition to an unpainted payment unit boundary designated as the closed road between Payment Unit 3 & 4 shown on the Timber Sale Map. Interior retention islands are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected except cut all red painted trees on the north edge of Payment Unit 4 and cut the red painted northern pin oak (including dead standing) bordering Dollar Lake Road. If the red painted tree is within a multiple-stem clump, cut all stems within that clump. 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**

##### **2.1.5 - Overstory removal unit(s) (8/11)**

Within Payment Unit(s) 1-4, all trees which meet minimum piece specifications in 2.2 Utilization, are designated for cutting except white pine, red pine and the one green-painted oak along the north edge road. Dead standing oak is designated for cutting. Note that there are remnants of faded green paint throughout the Sale Area from the previous harvest.

##### **2.1.11 - Description of timber note (2/04)**

Note that Misc Species 1 is dead oak.

#### **2.2 - Utilization**

##### **2.2.3 - Stump heights (4/07)**

Stump heights within the Sale Area shall not exceed 12 inches except for on the steeper slopes where stumps up to 24 inches will be allowed. This is to facilitate military requirements while taking into consideration the larger diameter oak and equipment limitations on the hilly terrain.

##### **2.2.6 - Roundwood operation required (5/07)**

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

##### **2.2.9 - No chipping permitted (12/08)**

Within Payment Unit(s) 1-4, no chipping is permitted.

### **3 - Payments**

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

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

Payment Unit(s) 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.

#### **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, reasonable care should be taken to avoid damage to tree seedlings and saplings.

Within the Sale Area, if more than 50% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the

Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged. Operational paths will have to be cut through the dense sapling cover to not leave bent/broken stems during felling and forwarding. Damages will not be assessed for those areas provided that the regen is cut cleanly.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% 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 used for re-closing temporary roads, or be dispersed into 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. Illegal ORV trails within the Sale Area also need to be closed; see the Timber Sale Map for locations. In general, this road and trail closure will require broadcast spreading stumps and slash across the first 100 feet into the sale boundary. Additional slash may be needed further into the Sale Area for erosion control on the hills. Contact the sale administrator for specific details of design and placement.

#### **4.1.11 - Permits (2/12)**

The Purchaser will secure any necessary highway and county road permits that may be required.

## **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 5 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 5 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.

#### **5.1.5 - National Guard notification (2/15)**

This sale is upon lands utilized for training by the Michigan National Guard - Camp Grayling. A minimum of five (5) business days prior to opening this sale, the producer must request that the sale administrator contact the military for information regarding training plans that may impact sale operations.

### **5.2 - Conduct of Operations**

#### **5.2.3 - Operating Restrictions**

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

Within Payment Unit(s) 1-4, cutting, skidding, and brushing of access roads 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.

#### 5.2.3.7 - National Guard training restriction (1/09)

Operations on this contract may not be allowed during National Guard training operations. Typically, the restricted period is from May 1 to October 31. The contractor must check with the Unit Manager who will coordinate the cutting schedule with the Military. All harvest equipment and timber products may need to be removed from the Sale Area during the period of May 1 to October 31.

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

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

### 5.4 - Soil Protection

#### 5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

## 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 Dollar Lake 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. In addition, post caution signs on the north edge road during active felling operations along it. The Purchaser will provide these signs.

## 7 - Other Conditions

### 7.10 - Certified Timber

#### 7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed for Military training.



**TIMBER SALE MAP**

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

Sale Number	Year
72 - 626	20

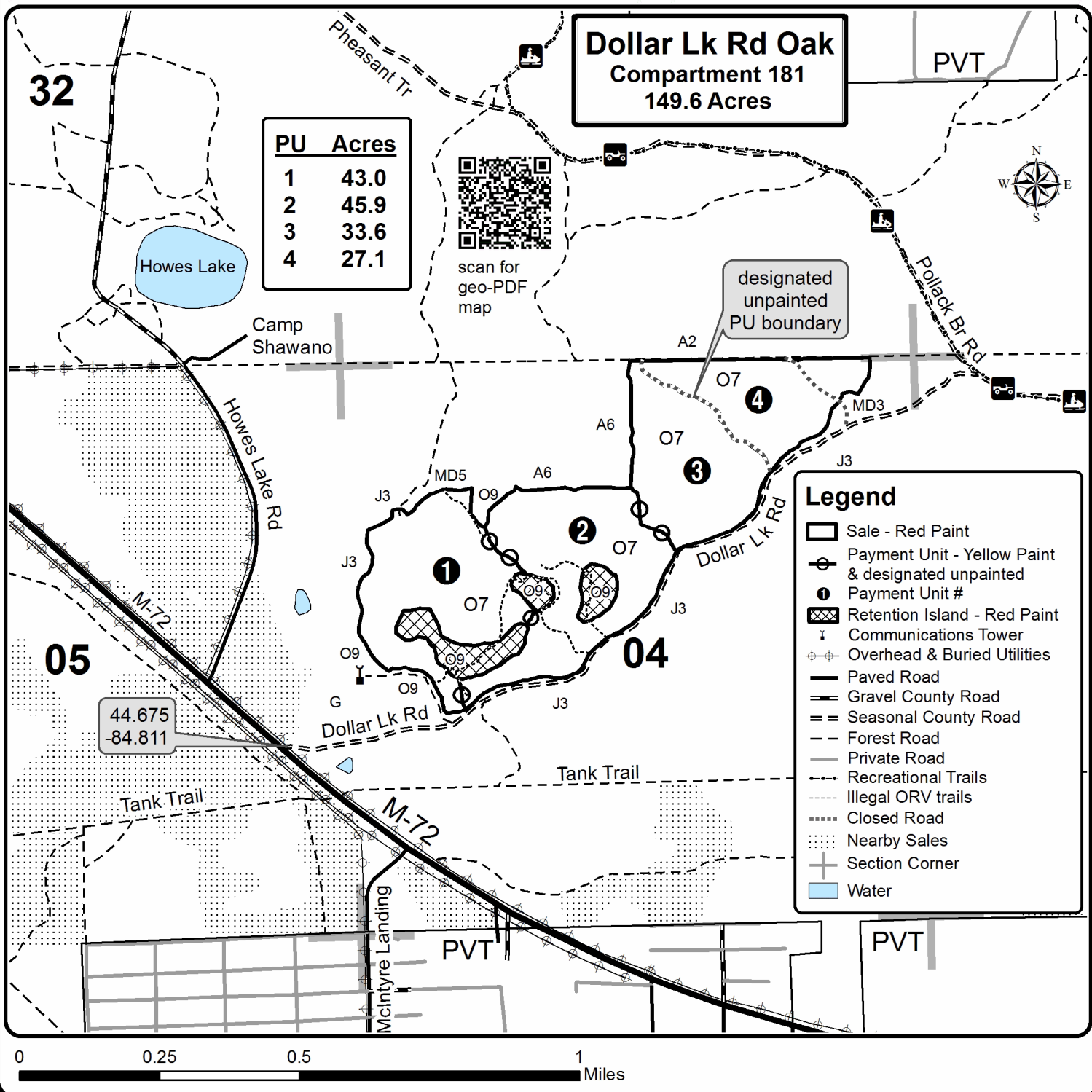
Forest Management Unit Grayling	County Crawford	Mapped By Charlebois	Date 09/30/2020	Page 1	of 1
Township 26N	Range 4W	Section(s) and Subdivision(s) Section 4: NW, W1/2NE, N1/2SW, NENE	Scale 1:15,840		

**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





## TIMBER SALE MAP

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

Sale Number	Year
72 - 626	20

Forest Management Unit Grayling	County Crawford	Mapped By Charlebois	Date 09/30/2020	Page 1	of 1
Township 26N	Range 4W	Section(s) and Subdivision(s) Section 4: NW, W1/2NE, N1/2SW, NENE	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
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