



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #7024**

**REVISION NOTICE #1 - July 19, 2022**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on Thursday, August 11, 2022**

LOCATION: **NEWBERRY MGMT UNIT, PO Box 428, 5666 S STATE HWY M 123, NEWBERRY, MI 49868**

This prospectus has been modified with the following changes:

Deer Park Jack Pine, Timber Sale 42-025-21 is being removed from this Prospectus due to recent complications with Payment Unit 1. This sale will be reconfigured and re-offered on another upcoming Prospectus.

Deer Park Jack Pine (42-025-21) has been withdrawn from this prospectus.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Keith Magnusson at 906-291-0120 ext. n/a.



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**CONTACT NAME: Keith Magnusson**

**PHONE NUMBER: (906) 291-0120**

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

End of the Road Jack Pine (42-024-21) / T49N, R09W, SEC. 6 , NENW,N1/2NE.

T49N, R10W, SEC. 1 , S1/2NW,SW.

T49N, R10W, SEC. 2 , S1/2SE.

T50N, R09W, SEC. 31, SESE.

Luce County, Advertised Price \$43,830.60, 96.7 Acres, Jack 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.

No new roads will be permitted in any Payment Unit. See Sale Spec 4.1.12 for specifics.

Road work may be needed. See Sale Spec 4.2.3 for details.

Permission for access across private land is the responsibility of the Purchaser.

Large bunk skidders may be something to consider when harvesting this sale. See Sale Spec 5.2.16 for additional information.

It is recommended, but not required, that harvesting occur during the late fall or early winter months because of the sandy roads.

The North Country Trail is a hiking trail that is shown on the Timber Sale Map. See Sale Spec 5.2.40 for restrictions.

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. Access may be through private or other public land.

## TIMBER SALE INFORMATION

End of the Road Jack Pine (42-024-21)

T49N, R09W, SEC. 6; T49N, R10W, SEC. 1; T49N, R10W, SEC. 2; T50N, R09W, SEC. 31.

Luce County (Advertised Price \$43,830.60)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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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 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>
Pulpwood		
Jack Pine	1,914 Cords	\$ 22.90 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 4.98 percent. There are an estimated 1,936 cords on this timber sale, plus or minus 96 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 \$2,191.53 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	13.9%
02	29.5%
03	18.8%
04	20.6%
05	17.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

### **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			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
152,920	1,936	4.98%	1,839	2,032

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
3	59,548	754	7.48%	697	810
6	67,412	853	7.13%	792	914
21	25,961	329	14.96%	279	378
TOTAL:	152,920	1,936		1,769	2,102

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
3	40.3	3	19.2
		4	21.1
6	35.1	1	11.3
		2	23.8
21	21.3	5	21.3
TOTAL:	96.7		96.7

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Pulpwood	267	Cords	11.3	\$6,114.30
2	Jack Pine	Pulpwood	563	Cords	23.8	\$12,892.70
3	Jack Pine	Pulpwood	359	Cords	19.2	\$8,221.10
4	Jack Pine	Pulpwood	395	Cords	21.1	\$9,045.50
5	Jack Pine	Pulpwood	330	Cords	21.3	\$7,557.00
TOTAL:			1,914	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: End of the Road Jack Pine**

**Sale Number: 42-024-21 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, blue, and green 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 green 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) 1-5, cut all trees that are two (2) inches or more at DBH. Leave all red and white pine that may exist in Payment Units 1-5.

#### **2.2 - Utilization**

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

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is to facilitate cultivation operations.

### **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. 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.

##### **4.1.4 - 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.

##### **4.1.12 - No new roads (1/12)**

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Back-in spurs, truck turnarounds and skid trails will be allowed. The reason for no new roads is due to the very sandy soil types and rolling topography within the Sale Area. Longer skids will be necessary.

#### **4.2 - Maintenance**

##### **4.2.3 - Road maintenance (8/13)**

The following road maintenance may be needed: grading and gravel.

##### **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

##### 4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser.

### 5 - Operations

#### 5.2 - Conduct of Operations

##### 5.2.1 - Slash

###### 5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

##### 5.2.16 - Equipment recommended (11/18)

Large bunk skidders may be something to consider when harvesting this sale. Longer skids will be necessary, as no new roads will be allowed. This is because of the very sandy soils and rolling topography of the Sale Area.

##### 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 the late fall or early winter months. The reason for the recommendation is because of the sandy roads. Colder temperatures greatly improve trucking efforts while harvesting in this area.

##### 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.

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

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

##### 5.2.40 - Pathway protection (10/10)

The North Country Trail is a hiking trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway.

#### 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.

### 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 the Coast Guard Road prior to beginning operations. The road must be posted approximately 350 feet 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.

#### 6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on The North Country Trail prior to beginning operations. The trail must be posted approximately 350 feet 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 DNR will provide these signs.

**TIMBER SALE MAP**

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

Forest Management Unit

County

Mapped By Luoto

Date

Page

of

Newberry

Luce

Cruised By Newberry Staff

9/26/2021

1

1

Township

Range

Section(s) and Subdivision(s)

Scale

49N - 50N

9W - 10W

50N9W: 31 SESE  
49N9W: 6 - NENW, N1/2NE - 49N10W: 1 - S1/2NW, SW1/4, 2 - S1/2SE

1:15,840

**Cover Type****Density**

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

0 = Non Stocked  
1 = Seedling Sapling Poor  
2 = Seedling Sapling Medium  
3 = Seedling Sapling Well  
4 = Pole Timber Poor  
5 = Pole Timber Medium  
6 = Pole Timber Well  
7 = Saw Timber Poor  
8 = Saw Timber Medium  
9 = Saw Timber Well

PU	Acres
1	11.3
2	23.8
3	19.2
4	21.1
5	21.3

**End of the Road Jack Pine****Compartment 32**  
**96.7 Acres***Lake Superior*