



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6611

SCHEDULED SALE DATE AND TIME: **2:00 p.m. (local time) on May 20, 2020.**

LOCATION: **SHINGLETON MGMT UNIT, PO BOX 67, M 28 WEST, SHINGLETON, MI 49884.**

CONTACT NAME: Robert Burnham

PHONE NUMBER: (906) 452-6227

PROSPECTUS NOTE: It is recommended that for the duration of the "Stay Home, Stay Safe" executive order that bidders submit their bids through the Online Bidding System (<https://www.dnr.state.mi.us/VMSONlineBidding/>). If you need to register, contact Jake Reid (ReidJ6@michigan.gov, 517-284-5908) or Donovan Asselin (AsselinD@michigan.gov, 517-930-1326). Paper bids will still be accepted during this time, either dropped in the bid box at the bid location or by mailing. If mailing, please allow for additional time.

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

Out W/Old In W/New Hardwoods (41-023-19) / T47N, R17W, SEC. 1 , SWSW.

T47N, R17W, SEC. 11, SESE.

T47N, R17W, SEC. 12, NW,SWNE,SW,N1/2SE,SWSE.

T47N, R17W, SEC. 13, N1/2NW,SENE,NWNE.

T47N, R17W, SEC. 14, SWNW.

Alger County, Advertised Price \$74,744.85, 330.2 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Road work is required on this sale. See Sale Spec 4.1.8 for additional information.

Within Payment Unit(s) 1-12, 14, and 17, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

TIMBER SALE INFORMATION

Out W/Old In W/New Hardwoods (41-023-19)

T47N, R17W, SEC. 1; T47N, R17W, SEC. 11; T47N, R17W, SEC. 12; T47N, R17W, SEC. 13; T47N, R17W, SEC. 14.
Alger County (Advertised Price \$74,744.85)

SALE NOTE: Road work is required on this sale. See Sale Spec 4.1.8 for additional information.

Within Payment Unit(s) 1-12, 14, and 17, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

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.

Bids must be at or above the following advertised price for each species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	12.10 MBF	\$ 95.00 / MBF
Black Cherry	9.90 MBF	\$ 130.00 / MBF
Red Maple	14.80 MBF	\$ 104.00 / MBF
Sugar Maple	139.10 MBF	\$ 240.00 / MBF
Pulpwood		
Balsam Fir	221.00 Cords	\$ 8.95 / Cord
Basswood	124.00 Cords	\$ 6.35 / Cord
Mixed Hardwood	2,354.00 Cords	\$ 13.00 / Cord
Quaking Aspen	38.00 Cords	\$ 17.40 / Cord
White Pine	5.00 Cords	\$ 12.40 / Cord
White Spruce	204.00 Cords	\$ 16.15 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$3,737.24 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.
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.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	2.0	MBF	9.4	\$2,099.70
	Red Maple		2.2	MBF		
	Sugar Maple		2.9	MBF		
	Balsam Fir	Pulpwood	2.0	Cords		
	Mixed Hardwood		69.0	Cords		
2	Black Cherry	Sawtimber	0.8	MBF	16.1	\$2,135.50
	Red Maple		1.7	MBF		
	Sugar Maple		1.6	MBF		
	Balsam Fir	Pulpwood	6.0	Cords		
	Mixed Hardwood		109.0	Cords		
3	Black Cherry	Sawtimber	1.2	MBF	24.9	\$4,628.40
	Red Maple		2.1	MBF		
	Sugar Maple		8.3	MBF		
	Mixed Hardwood	Pulpwood	174.0	Cords		
4	Black Cherry	Sawtimber	0.3	MBF	18.0	\$2,050.80
	Red Maple		1.7	MBF		
	Sugar Maple		2.5	MBF		
	Mixed Hardwood	Pulpwood	95.0	Cords		
5	Basswood	Sawtimber	0.3	MBF	18.9	\$6,478.95
	Black Cherry		0.5	MBF		
	Sugar Maple		13.8	MBF		
	Basswood	Pulpwood	7.0	Cords		
	Mixed Hardwood		233.0	Cords		
6	Basswood	Sawtimber	3.6	MBF	30.5	\$9,529.00
	Black Cherry		0.5	MBF		
	Sugar Maple		20.8	MBF		
	Basswood	Pulpwood	12.0	Cords		
	Mixed Hardwood		269.0	Cords		
7	Black Cherry	Sawtimber	0.2	MBF	35.5	\$10,700.40
	Red Maple		0.9	MBF		
	Sugar Maple		26.0	MBF		
	Basswood	Pulpwood	8.0	Cords		
	Mixed Hardwood		330.0	Cords		
8	Basswood	Sawtimber	0.1	MBF	17.2	\$4,572.25
	Red Maple		0.1	MBF		
	Sugar Maple		11.9	MBF		
	Basswood	Pulpwood	1.0	Cords		
	Mixed Hardwood		130.0	Cords		
9	Black Cherry	Sawtimber	0.1	MBF	16.0	\$3,498.00
	Sugar Maple		7.1	MBF		
	Mixed Hardwood	Pulpwood	137.0	Cords		
10	Basswood	Sawtimber	5.6	MBF	30.3	\$7,524.90
	Black Cherry		0.1	MBF		
	Sugar Maple		14.6	MBF		
	Basswood	Pulpwood	54.0	Cords		
	Mixed Hardwood		241.0	Cords		
11	Basswood	Sawtimber	2.5	MBF	30.8	\$6,740.25
	Red Maple		1.4	MBF		
	Sugar Maple		15.5	MBF		
	Balsam Fir	Pulpwood	9.0	Cords		
	Basswood		32.0	Cords		
	Mixed Hardwood		173.0	Cords		
	Quaking Aspen		6.0	Cords		

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
12	Balsam Fir	Pulpwood	84.0	Cords	16.3	\$1,963.15
	Mixed Hardwood		82.0	Cords		
	White Spruce		9.0	Cords		
13	Balsam Fir	Pulpwood	108.0	Cords	7.9	\$4,527.35
	Basswood		10.0	Cords		
	Mixed Hardwood		22.0	Cords		
	White Pine		5.0	Cords		
	White Spruce		195.0	Cords		
14	Black Cherry	Sawtimber	0.2	MBF	10.5	\$998.40
	Red Maple		1.0	MBF		
	Sugar Maple		0.3	MBF		
	Balsam Fir	Pulpwood	12.0	Cords		
	Mixed Hardwood		53.0	Cords		
15	Mixed Hardwood	Pulpwood	2.0	Cords	2.3	\$26.00
	Black Cherry		1.0	Cords		
	Red Maple		1.0	Cords		
16	Mixed Hardwood	Pulpwood	15.0	Cords	19.3	\$195.00
	Black Cherry		10.0	Cords		
	Ironwood		2.0	Cords		
	Sugar Maple		3.0	Cords		
17	Black Cherry	Sawtimber	4.0	MBF	26.3	\$7,076.80
	Red Maple		3.7	MBF		
	Sugar Maple		13.8	MBF		
	Mixed Hardwood	Pulpwood	220.0	Cords		
TOTAL:			175.9	MBF		
TOTAL:			2,946.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Out W/Old In W/New Hardwoods

Sale Number: 41-023-19 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. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 13, 15 and 16, cut all trees that are two (2) inches or more at DBH, except do not cut oak and hemlock.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 1-12, 14 and 17, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition within Payment Units 12 and 14, cut all balsam fir.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) with a value over \$15,000 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 Supplement.

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are oak and hemlock. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated 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. These roads must be rendered impassable to cars and trucks. 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.

4.1.8 - Road work (1) (8/07)

The following road work is required: 400 cubic yards of breaker run gravel must be purchased, hauled and spread between H-58 and the Sale Area. Most of the work will be on the two-track running east west in Payment Units 10 and 11. Prior to hauling the road must be ditched and crowned. Exact location of the work will be determined at the pre-sale meeting. All work is at the Purchasers expense and no deductions will be given.

4.1.10 - Oversight (12/08)

The Unit Manager, or his/her representative, must be present when the road improvement project is initiated.

4.2 - Maintenance

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 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.

5.2 - 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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-12, 14 and 17, 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.

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

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

5.4 - Soil Protection

5.4.1 - 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

5.8.3 - Red shoulder hawk or goshawk (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

5.8.5 - Protection of raptor nests (3/13)

There is a Red Tailed Hawk nest between Payment Units 5 and 7 along the two track road. As indicated on the Timber Sale Map, this area is red lined out as a no cut area. The two track road cannot be used within the area that is red lined out for sale operations. 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.

Forest Management Unit Shingleton		County Alger	Mapped By Steve Tuovila	Date 9/30/2019	Page 1	of 2
Township see below	Range see below	Section(s) and Subdivision(s) see below		Scale 1:15,840		

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			

Out W/Old In W/New Hardwoods

T47N-R17W

SW 1/4 of NE 1/4, W 1/2 of SE 1/4, & W 1/2 Sect. 12

N 1/2 of NW 1/4, NW 1/4 of NE 1/4, & SE1/4 of NW 1/4 Sect. 13










SW 1/4 of NW 1/4 Sect. 14

map 1 of 2
330.2 Acres



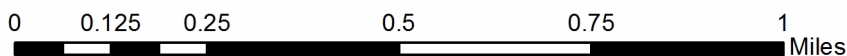
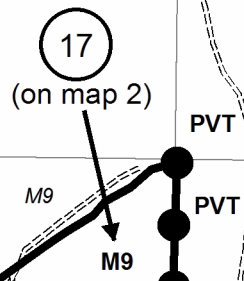
<u>PU</u>	<u>Acres</u>	<u>PU</u>	
1	9.4	9	16.0
2	16.1	10	30.3
3	24.9	11	30.8
4	18.0	12	16.3
5	18.9	13	7.9
6	30.5	14	10.5
7	35.5	15	2.3
8	17.2	16	19.3

Legend

-  Against State (Red)
-  Payment Unit (Yellow)
-  Payment Unit/Rd (Yellow)
-  Private Boundary (Blue)
-  Excluded Area (Red)
-  Paved County Rd
-  Forest Access Route
-  Adjacent Stand Boundary
-  Intermittent Stream

GPS Location
Latt: 46.4901 N
Long: 86.3860 W

H-58



**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Sale Number	Year
41 - 023	19

Forest Management Unit Shingleton	County Alger	Mapped By Steve Tuovila	Date 9/30/2019	Page 2	of 2
Township see below	Range see below	Section(s) and Subdivision(s) see below	Scale 1:15,840		

Cover Type				Density	
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G = Grass	MD = Mixed Deciduous	T = Tamarack			

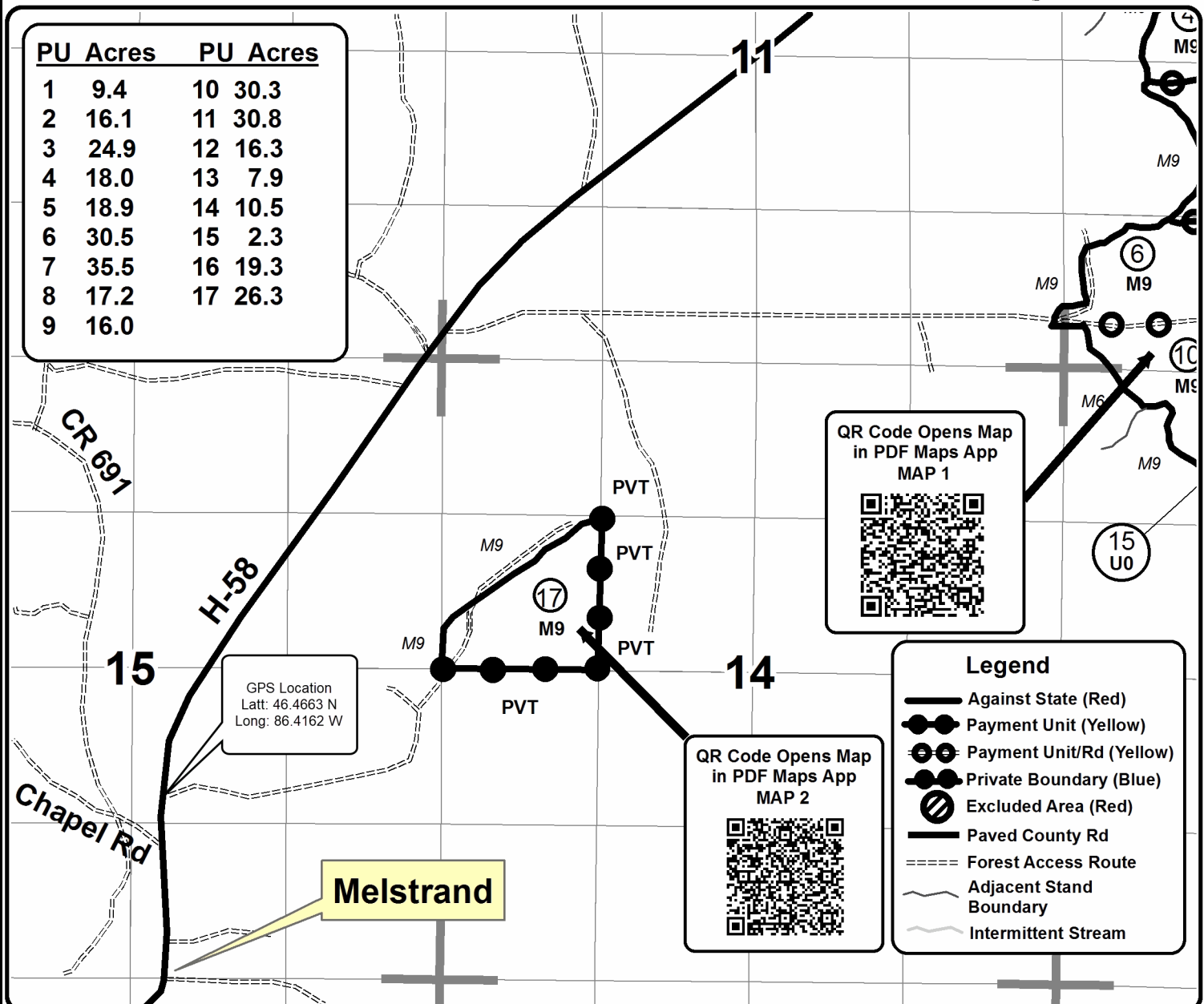
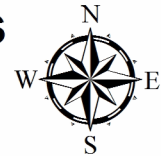
Out W/Old In W/New Hardwoods

T47N-R17W

SW 1/4 of NE 1/4, W 1/2 of SE 1/4, & W 1/2 Sect. 12

N 1/2 of NW 1/4, NW 1/4 of NE 1/4, & SE 1/4 of NW 1/4 Sect. 13

SW 1/4 of NW 1/4 Sect. 14

map 2 of 2
330.2 Acres

0 0.125 0.25 0.5 0.75 1 Miles