

# Crow Wing County Timber Appraisal Report

<b>Appraised By:</b> Tom Strack	<b>Sale Type:</b> INFORMAL SALE	<b>Appraisal Number:</b> TS190194
<b>Appraisal Date:</b> 11/13/2019	<b>Auction Date:</b> 11/13/2019	<b>Permit Number:</b>
		<b>Expiration Date:</b> 11/13/2021
		<b>Page:</b> 1 of 2

### Legal Description

RE Code	Sec.	Twp.	Rge	City/Twp	Legal Description
840022305000009	2	136	26	PERRY LAKE	GL 5, NWSW
840031300000009	3	136	26	PERRY LAKE	SWNE, SENE, NESE

### Block 1 Species

Block 1 Species	Non-Bid	Bolt %	Volume	Units	Unit Price	Value
Mixed Hardwood		6	240	Cords	\$12.00	\$2,880.00
<b>Subtotal</b>						<b>\$2,880.00</b>
<b>Total</b>						<b>\$2,880.00</b>

**Total MBF: 0                      Total Cords: 240**

**Species Scaled:** (Sold subject to scale; overruns at bid price) Mixed Hardwood

**Species Sold Area Estimate:**

**Operability:** Winter: Dec 1 - March 15

**Soil Type:** Loamy, Well Drained

**Topography:** Level

**Cutting Acres:** 7.5

### Harvest Specifications

#### Access

Access is thru public land.

#### Harvest and Reserves

See map for locations of 15 different 1/2 acre clearcut gaps.

Harvest all trees within 80 ft. radius of center tree marked with 2 orange bands.

Also harvest the marked center tree in each gap.

Work with Forester to create access routes between gaps. Trees between gaps may be harvested for this purpose.

#### Landings, Access Roads, and Skid Trails

Landing(s) may be located anywhere along forest trail.

Minimize size and impact of landing(s).

Trails and landings need to be rehabilitated to a satisfactory condition before performance guarantee is returned.

#### Cutting, Felling, and Skidding

Utilize all timber felled during road/trail construction.

Damage exceeding 5% of the total residual trees per cutting block constitutes excessive damage and will be charged double stumpage. Damage is defined as injury to 30% or more of the crown or greater than 60 square inches of the layer beneath the bark of any tree.

Reduce stump heights to an average of 12".

Reserve all non-hazardous snags.

Do not fell timber into wetlands or across ownership boundaries.

#### Site, Soil, and Water Protection

Filter strips along wetlands require <5% soil disturbance.

Incorporate water diversion practices to reduce soil erosion.

If site/soil damage becomes apparent, cease operations and contact sale administrator immediately.

#### Slash Disposal

Keep residual slash to a minimum within 1/2 acres gap clearcut areas.

Slash may be chipped or must be placed in piles at the landing or other administrator approved location.

100% of the tops and limbs can be removed on this sale for chipping.

#### Tree Size, Marketing, and Special Conditions

Timber must be removed from site by the end of the same season as harvesting operations.

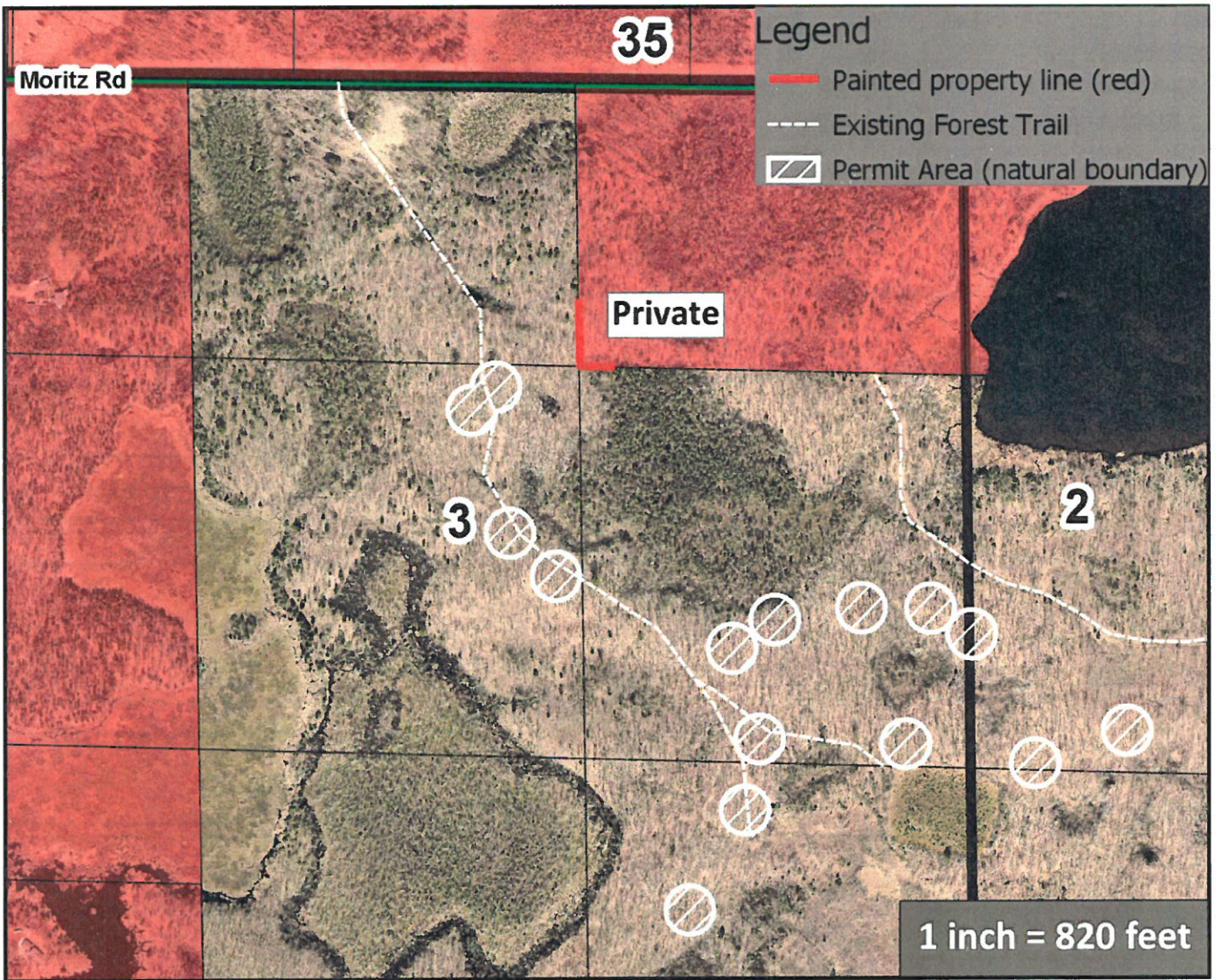
Averages - Oak: 15" DBH - 7 sticks, Aspen 14" DBH - 7-8 Sticks, Maple: 9" DBH - 3-4 Sticks.

Biomass volume is estimated to be 90 tons.

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**Site Map:**



Appraisal examined and approved by \_\_\_\_\_ *[Signature]* \_\_\_\_\_ 11-14-2019  
 Land Commissioner Date

I hereby agree to abide by the terms and conditions set forth on this appraisal and on timber permit

\_\_\_\_\_ \_\_\_\_\_  
 Contractor Date