

# Crow Wing County Timber Appraisal Report

<b>Appraised By:</b> Tom Strack	<b>Sale Type:</b> REGULAR AUCTION SALE	<b>Appraisal Number:</b> TS190174
<b>Appraisal Date:</b> 04/12/2019	<b>Auction Date:</b> 09/27/2019	<b>Permit Number:</b>
		<b>Expiration Date:</b> 03/31/2021
		<b>Page:</b> 1 of 2

**Legal Description**

RE Code	Sec.	Twp.	Rge	City/Twp	Legal Description
840294100000009	29	136	26	PERRY LAKE	NESE, SESE, SWSE

Block 1 Species	Non-Bid	Bolt %	Volume	Units	Unit Price	Value
Oak		5	380	Cords	\$10.00	\$3,800.00
Mixed Hardwood		5	175	Cords	\$15.00	\$2,625.00
<b>Subtotal</b>						<b>\$6,425.00</b>
<b>Total</b>						<b>\$6,425.00</b>

**Total MBF: 0                      Total Cords: 555**

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

**Species Sold Area Estimate:**

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

**Soil Type:** Clay, Moderately Drained

**Topography:** Rolling

**Cutting Acres:** 39.8

**Harvest Specifications**

**Access**

Private access is from the east off of State Hwy #6. It has been verbally secured (2019) but no written authorization has been received by the County. Private access haul road will require two (2) steep road segments on private land to be re-worked and shaped during non-frozen summer/fall month in order for safe semi-trailer operation. Private landowner has final authorization on exact access route, which may vary from the appraisal map.

**Harvest and Reserves**

Harvest: Aspen, Birch, Maple and dead standing Oak/Basswood. Also harvest marked Oak/Basswood. Also harvest Oak < 10" DBH.  
Reserve: Ash, Pine, all Unmarked Basswood and Unmarked Oak > 10" DBH.

**Landings, Access Roads, and Skid Trails**

Location and construction of any new roads/landings must be pre-approved by the sale administrator.  
Trails and landings need to be rehabilitated to a satisfactory condition before performance guarantee is returned.  
Some major skid trails or access roads need to be closed and/or blocked following harvesting operations at sale administrator's request.  
Surface material may be needed on access road(s). Permittee is responsible for providing.

**Cutting, Felling, and Skidding**

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.  
Any trees harvested during private access road preparation must be pre-approved by the private landowner.  
Reduce stump heights to an average of 12".  
Reserve all non-hazardous snags.  
Avoid felling timber into areas of regeneration.  
Do not fell timber into wetlands or across ownership boundaries.  
Some steep slopes occur on this permit, which may require hand felling.

**Site, Soil, and Water Protection**

Filter strips along wetlands require <5% soil disturbance.  
RMZs along open water wetland(s) occur on this permit. See appraisal map for locations.  
Incorporate water diversion practices to reduce soil erosion.  
If site/soil damage becomes apparent, cease operations and contact sale administrator immediately.  
No cutting is allowed within RMZs on this permit.

**Slash Disposal**

Slash may be chipped or must be scattered throughout permit area.  
Chipping is to occur either simultaneously or during the same season as harvesting operations.  
If chipping, 20% of the tops and limbs must be scattered throughout permit area per Site Level FMGs. This is in addition to incidental breakage.

**Tree Size, Marketing, and Special Conditions**

Oak = 5 sticks, 11" DBH; Aspen = 6 sticks, 14" DBH; Maple = 3 sticks, 8" DBH; Dead oak/basswood = 4-5 sticks, 11" DBH.  
Mixed Hardwood: 85 cords of Aspen, 60 cords of Maple, 30 cords of Basswood, 1 cord of Birch.  
50% of the maple is sugar maple. The rest is red maple. 30% of the oak is bur oak. The rest (70%) is red oak  
Biomass volume is estimated to be 197 tons.

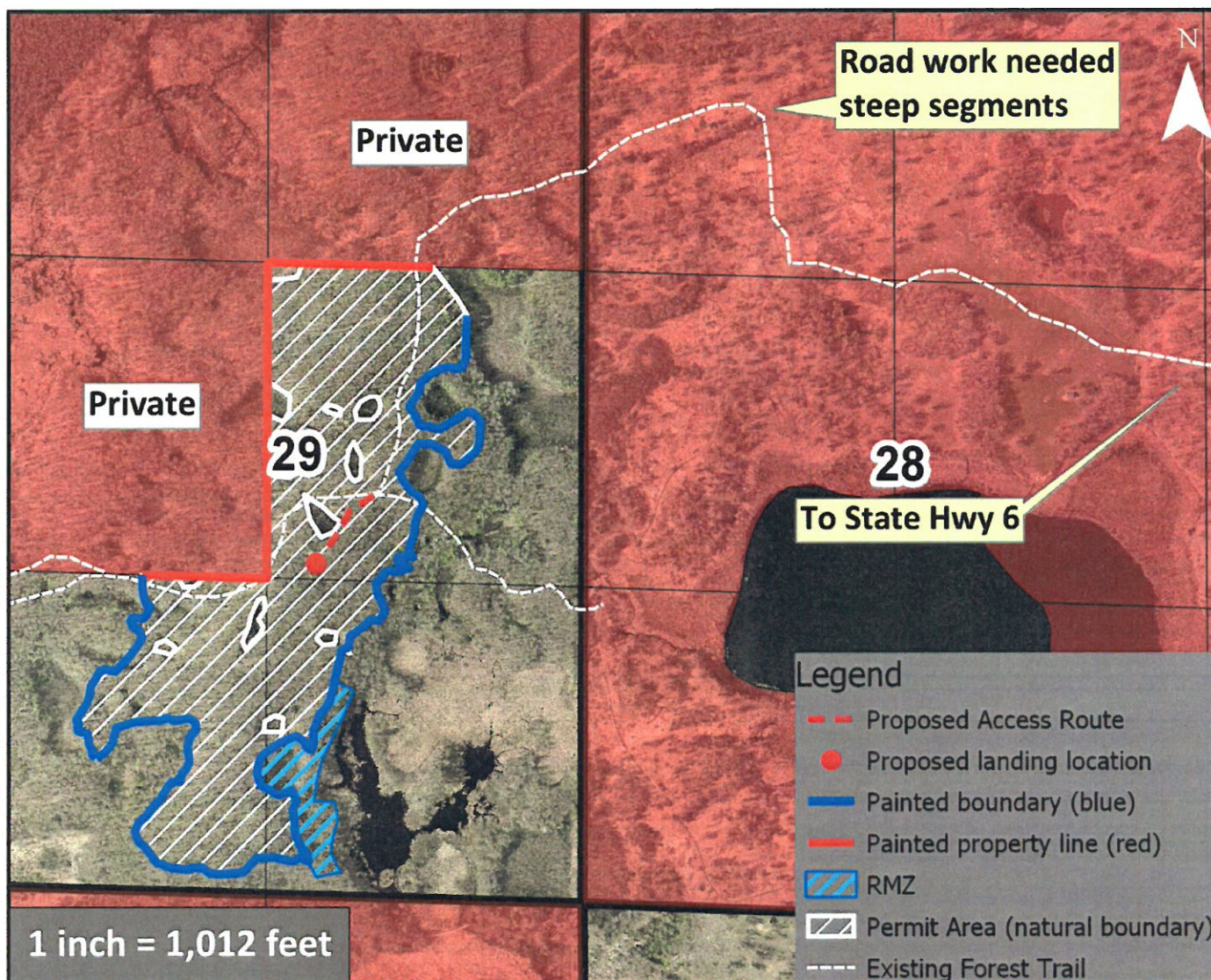
**Other Remarks**

Missing scale tickets will be charged \$50.00 per ticket book. In the case where the County receives a copy of the lockbox ticket stub, but no copy or record of the mill ticket stub, the Permittee will be charged in accordance with MN Statute 90.301.

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Site Map:



Appraisal examined and approved by

Land Commissioner

8-27-2019

Date

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

Contractor

Date