

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: SEALED BID-REGULAR	Appraisal Number: 20200205
Appraisal Date: 02/05/2020	Auction Date: 04/24/2020	Permit Number: 12009
		Expiration Date: 05/01/2022
		Page: 1 of 2

Legal Description

RE Code	Sec.	Twp.	Rge	City/Twp	Legal Description
930202102000009	20	47	29	WOLFORD	GOV LOT 1-3, NWSE, NESW, SESW

Block 1 Species	Non-Bid	Bolt %	Volume	Units	Unit Price	Value
Aspen		0	1440	Cords	\$29.00	\$41,760.00
Oak	X	12	215	Cords	\$18.00	\$3,870.00
Birch	X	5	50	Cords	\$18.00	\$900.00
Maple	X	0	75	Cords	\$12.00	\$900.00
Jack Pine	X	35	135	Cords	\$28.00	\$3,780.00
Red Pine	X	90	45	Cords	\$55.00	\$2,475.00
Subtotal						\$53,685.00
Total						\$53,685.00

Total MBF: 0 Total Cords: 1960

Species Scaled: (Sold subject to scale; overruns at bid price) Aspen, Birch, Jack Pine, Maple, Oak, Red Pine

Species Sold Area Estimate:

Operability: June 1 - March 15	Soil Type: Sandy, Loamy, Moderately Drained
Topography: Mostly Level	Cutting Acres: 85.5

Harvest Specifications

Access
Access is thru public land.

Harvest and Reserves
Harvest: Aspen, Birch, Maple, Jack Pine. Also, Oak greater than 12" DBH & Red Pine greater than 15" DBH.
Reserve: Oak less than 12" DBH, Red Pine less than 15" DBH. All White Pine and blue marked trees.
RMZ: Harvest Aspen Only within RMZ.

Landings, Access Roads, and Skid Trails
Location and construction of any new roads/landings must be pre-approved by the sale administrator.
Use only existing access roads. *Block off all other trails except main access road*
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 roads. County will provide up to 2 loads (24 cubic yards) of material upon approval of sale administrator.

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.
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.
One steep slope occurs on this permit, which may require hand felling.

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.
Restricted cutting is allowed within the RMZ. ONLY HARVEST ASPEN IN RMZ.

Slash Disposal
Slash may be chipped or must be scattered throughout permit area.
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.

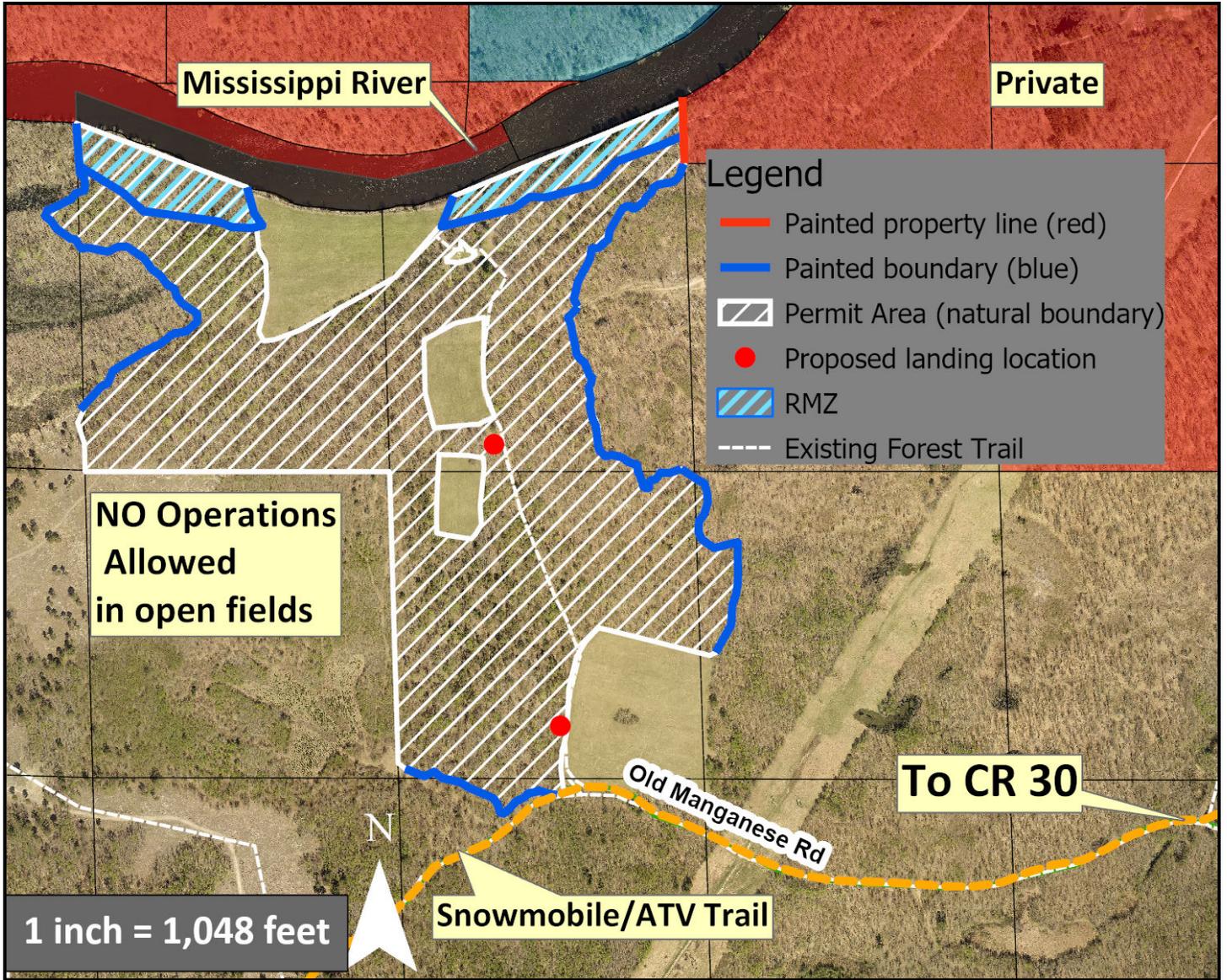
Tree Size, Marketing, and Special Conditions
Evidence of old barbed wire fencing found on this permit.
Avg Tree Sizes: Aspen - 13", 6-7 sticks, Oak- 13", 4.5 sticks, Birch- 10", 4 sticks, Maple- 11", 4 sticks, Red Pine 17", 6.5 sticks, Jack Pine- 12" 5.5 sticks.
Biomass volume is estimated to be 590 tons.
Timber must be removed from site by the end of the same season as harvesting operations.
Over Mature Aspen

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

_____ Date

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

_____ Contractor

_____ Date