

Crow Wing County Timber Appraisal Report

Appraised By: Tom Strack	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS190167
Appraisal Date: 04/04/2019	Auction Date: 09/27/2019	Permit Number:
		Expiration Date: 03/31/2022
		Page: 1 of 2

Legal Description

RE Code	Sec.	Twp.	Rge	City/Twp	Legal Description
580102100A00009	10	136	25	2ND ASSESSMENT	NENW, Gov Lot 1, SENW, SWNW
580091403000009	9	136	25	2ND ASSESSMENT	Gov Lot 3, NESE

Block 1 Species

	Non-Bid	Bolt %	Volume	Units	Unit Price	Value
Aspen		0	400	Cords	\$25.00	\$10,000.00
Oak	X	10	50	Cords	\$15.00	\$750.00
Birch	X	3	40	Cords	\$16.00	\$640.00
Maple	X	0	50	Cords	\$12.00	\$600.00
Ash	X	0	40	Cords	\$11.00	\$440.00
Basswood	X	25	20	Cords	\$15.00	\$300.00
Subtotal						\$12,730.00

Block 2 Species

	Non-Bid	Bolt %	Volume	Units	Unit Price	Value
Aspen		0	240	Cords	\$25.00	\$6,000.00
Birch	X	3	60	Cords	\$16.00	\$960.00
Oak	X	10	40	Cords	\$15.00	\$600.00
Maple	X	0	15	Cords	\$12.00	\$180.00
Subtotal						\$7,740.00
Total						\$20,470.00

Total MBF: 0 **Total Cords:** 955

Species Scaled: (Sold subject to scale; overruns at bid price) Aspen

Species Sold Area Estimate: Ash, Basswood, Birch, Maple, Oak

Operability: Dec. 1 - March 15

Soil Type: Clay, Moderately Drained

Topography: Level

Cutting Acres: 87.2

Harvest Specifications

Access
Access is thru public land.

Harvest and Reserves
Harvest: Aspen, Birch, Maple, Upland Ash, Basswood greater than 12" DBH and Red Oak less than 15" DBH.
Reserve: Bur Oak, Conifers, Basswood less than 12" DBH and Red Oak greater than 15" 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.

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
Block 2 access will require a temporary wetland crossing. Remove crossing when harvesting activity is completed.
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.
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
Timber must be removed from site by the end of the same season as harvesting operations.
Aspen: 13" DBH - 6 sticks, Red Oak: 13" DBH - 5 sticks, Birch: 10" DBH - 5 sticks, Maple: 8" DBH - 3 sticks.
Biomass volume is estimated to be 285 tons.

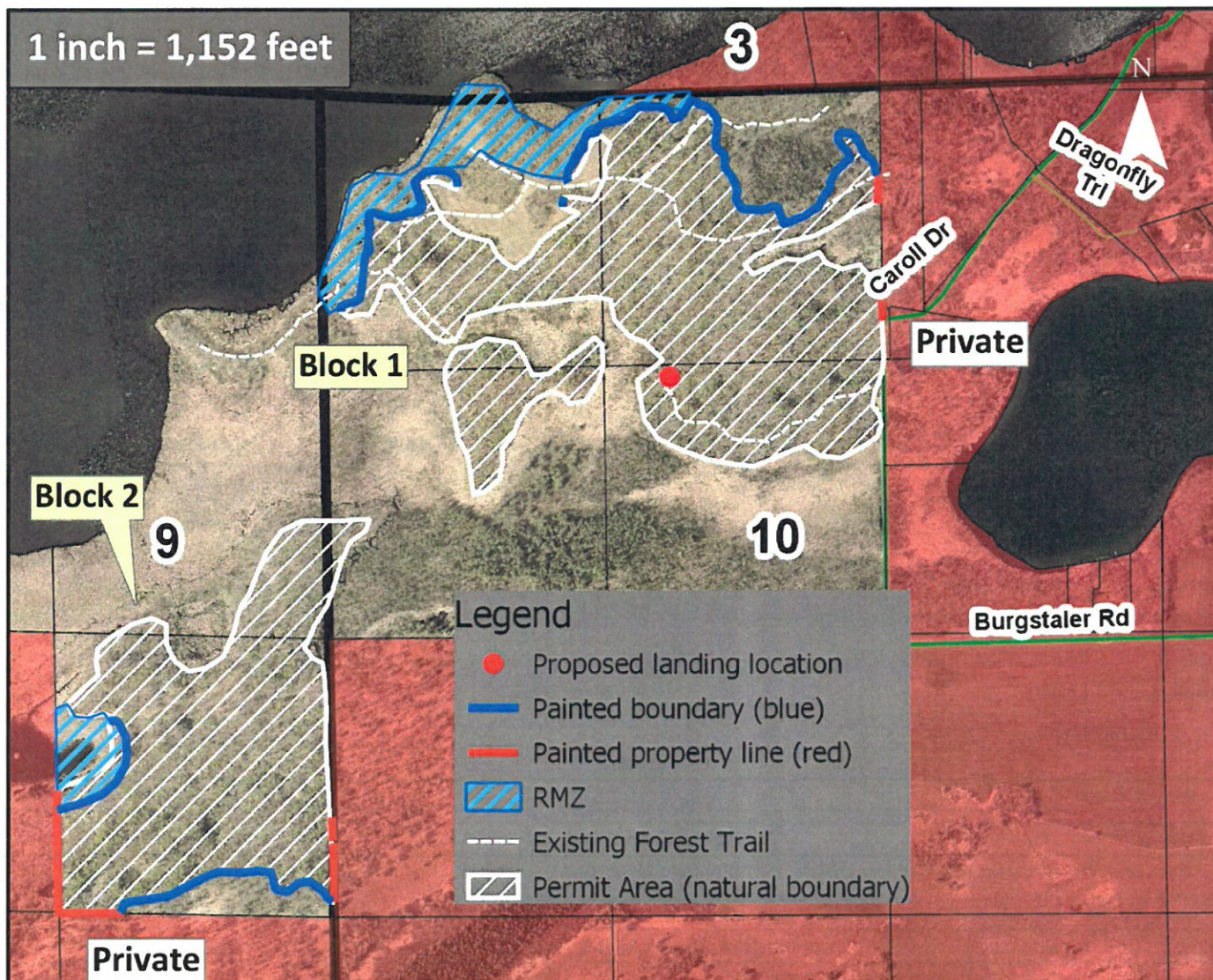
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Other Remarks

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.

Site Map:



Appraisal examined and approved by

[Signature]

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