



March 1, 2023

To: Loggers & Others
From: Crow Wing County Land Services Department
Subject: Timber Auction

The next timber auction is scheduled for **Friday, March 31, 2023** at **10:00 a.m.** in the lower level of the Land Services Building behind the Courthouse in Meeting Room 1.

If you are interested in being shown specific tracts of timber that are part of the attached timber auction, please contact the Environmental Services Specialist for that tract to schedule a meeting.

Chris Schwartz – 218-824-1353
Tom Strack – 218-824-1138

For your convenience, the timber appraisals are posted on the Crow Wing County website: www.crowwing.us. You may also obtain them in our office.

BIDDER ELIGIBILITY REQUIREMENTS

1. Must have received training through the MN Logger Education Program and be a MLEP member in good standing. (Membership dues need to be paid.)
2. Must have completed a Contractor Application Form.
3. Must not have any delinquent or uncollectible timber sale accounts with the counties or state.
4. Must not be involved in a pending timber trespass case with the counties or state.

Gary Griffin, Director
Land Services Department
322 Laurel Street, Suite 15
Brainerd, MN 56401

Office: (218) 824-1010
Fax: (218) 824-1126
www.crowwing.us

Our Vision: Being Minnesota's favorite place.
Our Mission: Serve well. Deliver value. Drive results.
Our Values: Be responsible. Treat people right. Build a better future.

CROW WING COUNTY LAND COMMISSIONER'S
Notice of County Timber Stumpage Sale
REGULAR AUCTION

Pursuant to the order of the County Board of Crow Wing County and under the provisions of Minnesota Statutes 282.04, Chapter 355, Laws of 1941, as amended, and under the provisions of the Timber Sale Policy adopted by the Crow Wing County Board of Commissioners on January 11, 2005, the following timber on tax forfeited lands will be offered for sale without the sale of land on **Friday, March 31, 2023**.

Regular Auction will take place at 10:00 AM in Meeting Room 1, located in the lower level of the Land Services Building, behind Crow Wing County Courthouse, Brainerd, Minnesota 56401

I. Terms and Conditions:

- a. Timber Auction Sales will be in the form of a "Regular Auction" only which allows all eligible parties / entities to participate.
- b. Bidding shall be on a percentage basis in multiples of one (1) percent. The bidder with the highest bid raise will be awarded the sale. The right to accept or reject any or all bids is reserved by Crow Wing County.
- c. Each eligible bidder may purchase a maximum of three (3) tracts in the first round of bidding.
- d. Any unsold tracts will be re-offered in a second round of bidding with no bidding limitations.
- e. Tracts not sold at public auction are available for sale at the appraised price under the terms and conditions as stated in the sale offering / timber appraisal until such time as withdrawn from sale by land commissioner.
- f. At the discretion of the land commissioner, minor, incidental species may be designated as "non-bid" species which will not be affected by the bid raise.
- g. Successful purchaser of an auction tract must make a minimum down payment of 15% of the appraised value on the day of the sale.
- h. Upon receipt of 15% down payment, permittee is allowed to construct landings and / or access trails, if desired. Before harvest operations commence, permittee must schedule an on-site, pre-work meeting with contract administrator, and must pay balance of sale/block in full, plus an additional 10% of the appraised value of the total sale which will be deposited as a Performance Guarantee and refunded only after satisfactory completion of sale and repair of access roads and trails upon inspection by timber sale administrator. Each block must be paid in full before cutting is allowed.
- i. Any overrun that occurs on a block must be paid in full before purchasing next block.
- j. The 15% down payment will not be used to cover overruns. The 15% down payment will be retained and applied toward payment of final block.
- k. Public Land Management shall be notified before cutting begins and prior to sale completion. The location of all trails and landings must be approved by Public Land Management.
- l. No bidder shall act in any capacity on behalf of a non-qualifying person, partnership or company for the purpose of procuring rights to purchase timber from Crow Wing County.
- m. No bid shall be accepted from any bidder having a delinquent or uncollectible timber sale account with the counties or state, or from any bidder involved in a pending timber trespass case with the counties or state.
- n. Past due accounts will be charged interest on the balance equal to the interest rate set by the Minnesota Department of Revenue for tax forfeited land sale contracts.
- o. Individuals interested in bidding must register prior to bidding to determine purchase eligibility.

- p. Timber sale will only be issued in the name identified as the successful bidder. Timber permits will not be transferred to a different individual after the auction except that, in the case of extreme hardship, a permit may be transferred if approved by the land commissioner providing transfer document is finalized by all parties.
- q. Auction sales are two years in length unless otherwise noted.
- r. Providing good and sufficient reason is given, one - one year extension is possible, unless otherwise designated, for a fee of 10% of the uncut volume, based upon bid value.
- s. Failure to activate the sale by paying the balance due before the expiration date of the contract will result in forfeiture of down payment to the County.
- t. Failure to commence cutting, failure to comply with contract regulations, failure to complete the contract within contract period shall result in default of the contract with any credit balance forfeiting to the County.
- u. Failure to comply with Consumer Scale Agreement may result in the disallowance of future Consumer Scale Agreements and may result in timber trespass pursuant to MS 90.301.
- v. Failure to secure an approved Alternate Landing Agreement prior to moving wood off-site may result in disallowance of future Alternate Landing privileges and may result in timber trespass pursuant to MS 90.301.
- w. If payment, in full, for sale / block is provided and if no cutting has occurred on the sale / block, the monies paid, less any down payment paid, may be credited to any other timber contract issued to the contract holder by the county providing the contract holder requests, in writing, that it be credited, provided the request and transfer is made within the same calendar year as the payment was received.
- x. Sustaining Minnesota Forest Resources: Voluntary Site-Level Forest Management Guidelines for Landowners, Loggers and Resource Managers will be implemented on all County managed forest lands.
- y. Liability: The permittee agrees to assume entire responsibility and liability for all damages and injury to all persons and property including County personnel and property whether caused by the permittee, the permittee's officers, agents, or employees, arising from activities undertaken on this permit or the permittee's use of occupancy of the premises covered by this permit. The permittee additionally agrees to indemnify and save and hold the County, its officers, agents, and employees, harmless from all claims or causes of action arising therefrom.
- z. All merchantable timber which is removed to facilitate access to the permit area is to be utilized by permittee with the County being compensated for the value.
- aa. All volumes sold are estimates and estimates only and cannot be construed as a guarantee or a limitation.

The purchaser agrees to comply with all applicable Federal and State labor laws regarding discrimination, wages, benefits, Workers' Compensation insurance and other conditions of employment. (Information on these laws is available from the US Dept. of Labor at: www.dol.gov and the State Dept. of Labor and Industry at www.doli.state.mn.us)

Direct Contacts for the Natural Resource Managers:

Chris Schwartz - (218) 824-1353
Tom Strack - (218) 824-1138

The following is a list of parcels to be offered:

REGULAR AUCTION SALE**Tract#:1**

City/Twp: EMILY

Public Access

TS230301

Legal Description: SESE, SWSE, Sect 20, Twp 138, Rng 26

Species Information:

Aspen	225 Cords	@	\$30.00 =	\$6,750.00	Area Estimate
* Maple	30 Cords	@	\$12.00 =	\$360.00	Area Estimate
Oak	50 Cords	@	\$22.00 =	\$1,100.00	Area Estimate
* Non Bid				<u>\$8,210.00</u>	

Sale Administrator: Tom Strack

Down Payment Required: **\$1,231.50**

Total Acres: 15.0

Expires: 03/31/2025

Operability: Summer Only: May 15 - Dec 1

Aspen Final Harvest

Tract#:2

City/Twp: LITTLE PINE

Public Access

TS230302

Legal Description: NESW, NWSE, SENW, NENW, NWNE, SESW, Sect 1, Twp 138, Rng 25

Species Information:

Aspen	2,090 Cords	@	\$30.00 =	\$62,700.00	
* Maple	80 Cords	@	\$12.00 =	\$960.00	Area Estimate
* Red Pine	5 Cords	@	\$45.00 =	\$225.00	Area Estimate
* Non Bid				<u>\$63,885.00</u>	

Sale Administrator: Tom Strack

Down Payment Required: **\$9,582.75**

Total Acres: 69.4

Expires: 03/31/2025

Operability: DRY Summer June 1 - Nov. 1 or Winter: Dec. 1 - March 15

Aspen Final Harvest

Tract#:3

City/Twp: MISSION

Public Access

TS230292Legal Description: NW 1/4, NWSW, NESW, SESW, SWNE, Sect 1, Twp 136, Rng 27.
SENE, NENE, Sect 2, Twp 136, Rng 27**Species Information:**

Aspen	130 Cords	@	\$30.00 =	\$3,900.00	
Birch	60 Cords	@	\$17.00 =	\$1,020.00	Area Estimate
Oak	850 Cords	@	\$20.00 =	\$17,000.00	Area Estimate
Red Pine	450 Cords	@	\$38.00 =	\$17,100.00	
* Non Bid				<u>\$39,020.00</u>	

Sale Administrator: Tom Strack

Down Payment Required: **\$5,853.00**

Total Acres: 120.0

Expires: 03/31/2025

Operability: Year Round Operations - No Rutting

Pine Thinning/Oak & Aspen Final Harvest

Tract#:4

City/Twp: WOLFORD

Public Access

TS230289Legal Description: SESE, Sect 19, Twp 47, Rng 29.
SWSW, SESW, Sect 20, Twp 47, Rng 29**Species Information:**

Aspen	635 Cords	@	\$30.00 =	\$19,050.00	Area Estimate
* Birch	65 Cords	@	\$17.00 =	\$1,105.00	Area Estimate
* Maple	20 Cords	@	\$12.00 =	\$240.00	Area Estimate
* Oak	65 Cords	@	\$22.00 =	\$1,430.00	Area Estimate
* Non Bid				<u>\$21,825.00</u>	

Sale Administrator: Mitch Lundeen

Down Payment Required: **\$3,273.75**

Total Acres: 27.3

Expires: 03/31/2025

Operability: Summer-Winter : May 15 - March 31

Tract#:5
TS230297

City/Twp: IRONDALE

Public Access

Legal Description: PART OF GOV. LOT 3 SEC. 18 LYING W. OF ROAD., Sect 18, Twp 46, Rng 29.
SESW, GL 4, Sect 7, Twp 46, Rng 29.
GL 2, Sect 12, Twp 46, Rng 30

Species Information:

* Ash	2 Cords	@	\$9.00 =	\$18.00	Area Estimate
Aspen	1,150 Cords	@	\$30.00 =	\$34,500.00	
* Birch	115 Cords	@	\$17.00 =	\$1,955.00	Area Estimate
* Jack Pine	6 Cords	@	\$20.00 =	\$120.00	Area Estimate
* Maple	10 Cords	@	\$12.00 =	\$120.00	Area Estimate
* Oak	250 Cords	@	\$22.00 =	\$5,500.00	Area Estimate
* Non Bid				<hr/> \$42,213.00	

Sale Administrator: Mitch Lundeen

Down Payment Required: **\$6,331.95**

Total Acres: 65.1

Expires: 03/31/2025

Operability: DRY Summer - Winter : June 15 - March 31

Tract#:6
TS230299

City/Twp: 1ST ASSESSMENT, BRAINERD

Public Access

Legal Description: SWSE, E 1/2 of SESW (94%), SESE (6%), Sect 28, Twp 134, Rng 28

Species Information:

Aspen	1,000 Cords	@	\$30.00 =	\$30,000.00	
* Birch	100 Cords	@	\$17.00 =	\$1,700.00	Area Estimate
* Jack Pine	20 Cords	@	\$20.00 =	\$400.00	Area Estimate
* Maple	40 Cords	@	\$12.00 =	\$480.00	Area Estimate
* Oak	20 Cords	@	\$10.00 =	\$200.00	Area Estimate
* Non Bid				<hr/> \$32,780.00	

Sale Administrator: Tom Strack

Down Payment Required: **\$4,917.00**

Total Acres: 37.3

Expires: 03/31/2025

Operability: Summer: May 15 - March 15

Aspen Final Harvest

Tract#:7
TS230296

City/Twp: IRONDALE

Public Access

Legal Description: SWSE, Sect 30, Twp 46, Rng 29.
NWNE,NENE, Sect 31, Twp 46, Rng 29

Species Information:

Aspen	220 Cords	@	\$30.00 =	\$6,600.00	
* Basswood	2 Cords	@	\$13.00 =	\$26.00	Area Estimate
* Birch	8 Cords	@	\$17.00 =	\$136.00	Area Estimate
* Maple	10 Cords	@	\$12.00 =	\$120.00	Area Estimate
* Oak	35 Cords	@	\$22.00 =	\$770.00	Area Estimate
Red Pine	110 Cords	@	\$65.00 =	\$7,150.00	
* Non Bid				<u>\$14,802.00</u>	

Sale Administrator: Mitch Lundeen

Down Payment Required: **\$2,220.30**

Total Acres: 10.0

Expires: 03/31/2025

Operability: DRY Summer-Winter: May 15 - March 31

Tract#:8
TS230294

City/Twp: ROOSEVELT

Public Access

Legal Description: NESW,NWSW,SWSW, Sect 26, Twp 43, Rng 28.
SENE,NESE,SESE,GOV LOT 1, Sect 27, Twp 43, Rng 28

Species Information:

* Ash	40 Cords	@	\$12.00 =	\$480.00	Area Estimate
Aspen	205 Cords	@	\$30.00 =	\$6,150.00	Area Estimate
* Basswood	70 Cords	@	\$13.00 =	\$910.00	Area Estimate
* Birch	50 Cords	@	\$17.00 =	\$850.00	Area Estimate
Maple	110 Cords	@	\$12.00 =	\$1,320.00	Area Estimate
Oak	370 Cords	@	\$22.00 =	\$8,140.00	Area Estimate
* Non Bid				<u>\$17,850.00</u>	

Sale Administrator: Mitch Lundeen

Down Payment Required: **\$2,677.50**

Total Acres: 65.3

Expires: 03/31/2025

Operability: Summer-Winter: June 1 - March 31

Tract#:9

City/Twp: ROOSEVELT

Public Access

TS200189

Legal Description: SWNE, SWNW, NESW,NWSE, SENW, NWSW, SENE, Sect 35, Twp 43, Rng 28

Species Information:

* Ash	65 Cords	@	\$9.00 =	\$585.00	Area Estimate
Aspen	125 Cords	@	\$30.00 =	\$3,750.00	Area Estimate
Basswood	180 Cords	@	\$13.00 =	\$2,340.00	Area Estimate
Birch	475 Cords	@	\$17.00 =	\$8,075.00	Area Estimate
* Maple	180 Cords	@	\$12.00 =	\$2,160.00	Area Estimate
Oak	250 Cords	@	\$22.00 =	\$5,500.00	Area Estimate
* Non Bid				<u>\$22,410.00</u>	

Sale Administrator: Mitch Lundeen

Down Payment Required: **\$3,361.50**

Total Acres: 91.8

Expires: 03/31/2025

Operability: June 1 - March 31

REGULAR AUCTION SALE SUMMARY*Planned Auction Date:* 3/31/2023

<i>Product</i>	<i>Amount Set-Up</i>	<i>Appraised Value \$</i>	<i>Average Price</i>
Aspen	5780.00	\$173,400.00	\$30.00
Oak	1890.00	\$39,640.00	\$20.97
Maple	480.00	\$5,760.00	\$12.00
Jack Pine	26.00	\$520.00	\$20.00
Basswood	252.00	\$3,276.00	\$13.00
Birch	873.00	\$14,841.00	\$17.00
Ash	107.00	\$1,083.00	\$10.12
Red Pine	565.00	\$24,475.00	\$43.32
<i>Total Cords</i>	9,973.00	\$262,995.00	
	<i>Grand Total:</i>	\$262,995.00	

Number of Tracts: 9
Acres Set-Up: 501.1
Average Sale Value: \$29,221.67

Crow Wing County Timber Appraisal Report

Appraised By: Tom Strack	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230301
Appraisal Date: 12/19/2022	Auction Date: 03/31/2023	Permit Number: Expiration Date: 03/31/2025
		Page: 1 of 2

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge</u>	<u>City/Twp</u>	<u>Legal Description</u>
21200500	20	138	26	EMILY	SESE, SWSE

<u>Block 1 Species</u>	<u>Non-Bid</u>	<u>Bolt %</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>
Aspen		0	225	Cords	\$30.00	\$6,750.00
Oak		1	50	Cords	\$22.00	\$1,100.00
Maple	X	0	30	Cords	\$12.00	\$360.00
					Subtotal	\$8,210.00
					Total	\$8,210.00

Total MBF: 0 Total Cords: 305

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

Species Sold Area Estimate: Aspen, Maple, Oak

Operability:	Summer Only: May 15 - Dec 1	Soil Type:	Loamy, Well Drained
Topography:	Level	Cutting Acres:	15.0

Harvest Specifications

Access
Access is thru public land.

Harvest and Reserves
Harvest: Aspen, Maple and Red Oak.
Reserve: Conifers, Bur Oak and Birch.

Landings, Access Roads, and Skid Trails
Location and construction of any new roads/landings must be pre-approved by the sale administrator. Landing must be located at least 150' away from the main access road for visual quality concerns.
Use only existing access roads.
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.
Access road is also a Grant-In-Aid Snowmobile Trail. A 4 inch snow pack must be maintained over the road where practical and when snow conditions are favorable.

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.
Avoid felling timber into areas of regeneration.
Do not fell timber into wetlands or across ownership boundaries.

Site, Soil, and Water Protection
Incorporate water diversion practices to reduce soil erosion.
If site/soil damage becomes apparent, cease operations and contact sale administrator immediately.

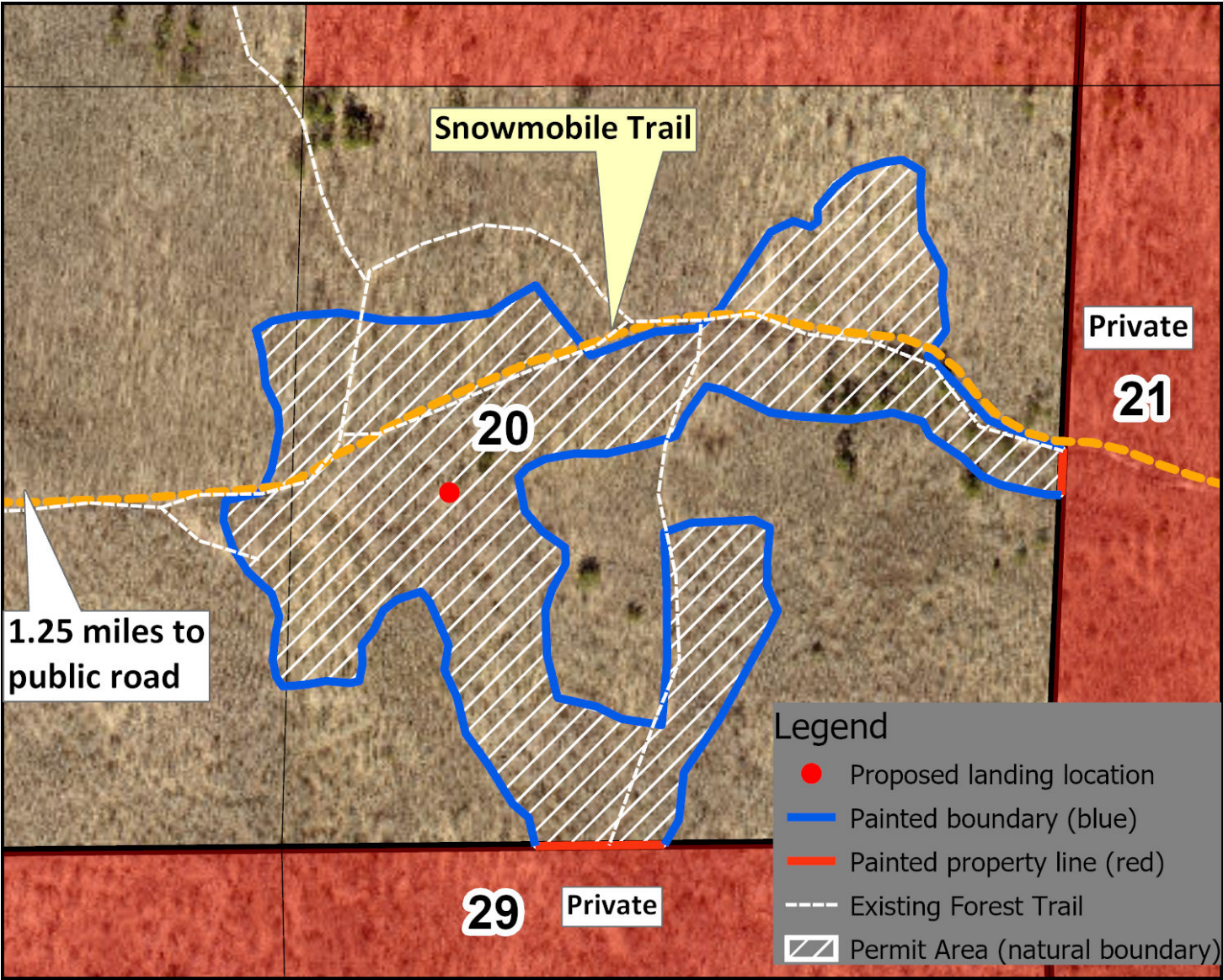
Slash Disposal
Slash may be chipped or must be scattered throughout permit area.
If chipping, 20% of the tops and limbs must be scattered throughout permit area per Site Level FMGs. This is in addition to incidental breakage.

Tree Size, Marketing, and Special Conditions
Timber must be removed from site by the end of the same season as harvesting operations.
Aspen: 12" DBH - 6 Sticks, Maple: 11" DBH - 4 Sticks, Red Oak: 10" DBH - 4 Sticks.
Biomass volume is estimated to be 90 tons.

Crow Wing County Timber Appraisal Report

Appraised By: Tom Strack	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230301
Appraisal Date: 12/19/2022	Auction Date: 03/31/2023	Permit Number:
		Expiration Date: 03/31/2025
		Page: 2 of 2

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

Crow Wing County Timber Appraisal Report

Appraised By: Tom Strack	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230302
Appraisal Date: 12/28/2022	Auction Date: 03/31/2023	Permit Number: Expiration Date: 03/31/2025
		Page: 1 of 2

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge</u>	<u>City/Twp</u>	<u>Legal Description</u>		
74010507	1	138	25	LITTLE PINE	NESW, NWSE, SENW, NENW, NWNE, SESW		
<u>Block 1 Species</u>		<u>Non-Bid</u>	<u>Bolt %</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>
Aspen			0	2090	Cords	\$30.00	\$62,700.00
Maple		X	0	80	Cords	\$12.00	\$960.00
Red Pine		X	50	5	Cords	\$45.00	\$225.00
						Subtotal	\$63,885.00
						Total	\$63,885.00
Total MBF: 0			Total Cords: 2175				

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

Aspen

Species Sold Area Estimate:

Maple, Red Pine

Operability:	DRY Summer June 1 - Nov. 1 or Winter: Dec. 1 - March 15	Soil Type:	Loam fine sandy loam, moderately well drained
Topography:	Level to Rolling	Cutting Acres:	69.4

Harvest Specifications

Access
Access is thru public land. Summer access isn't a guarantee. Approximately 1/2 mile of Minimum Maintenance Road must be fixed/improved by the Permit Holder to allow for summer operation.

Harvest and Reserves
Harvest: *Aspen*, Maple and marked Red Pine. Reserve: Oak, Birch, Ash, unmakred Conifers. Also, reserve 3 large Aspen per acre in groups.

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
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
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.

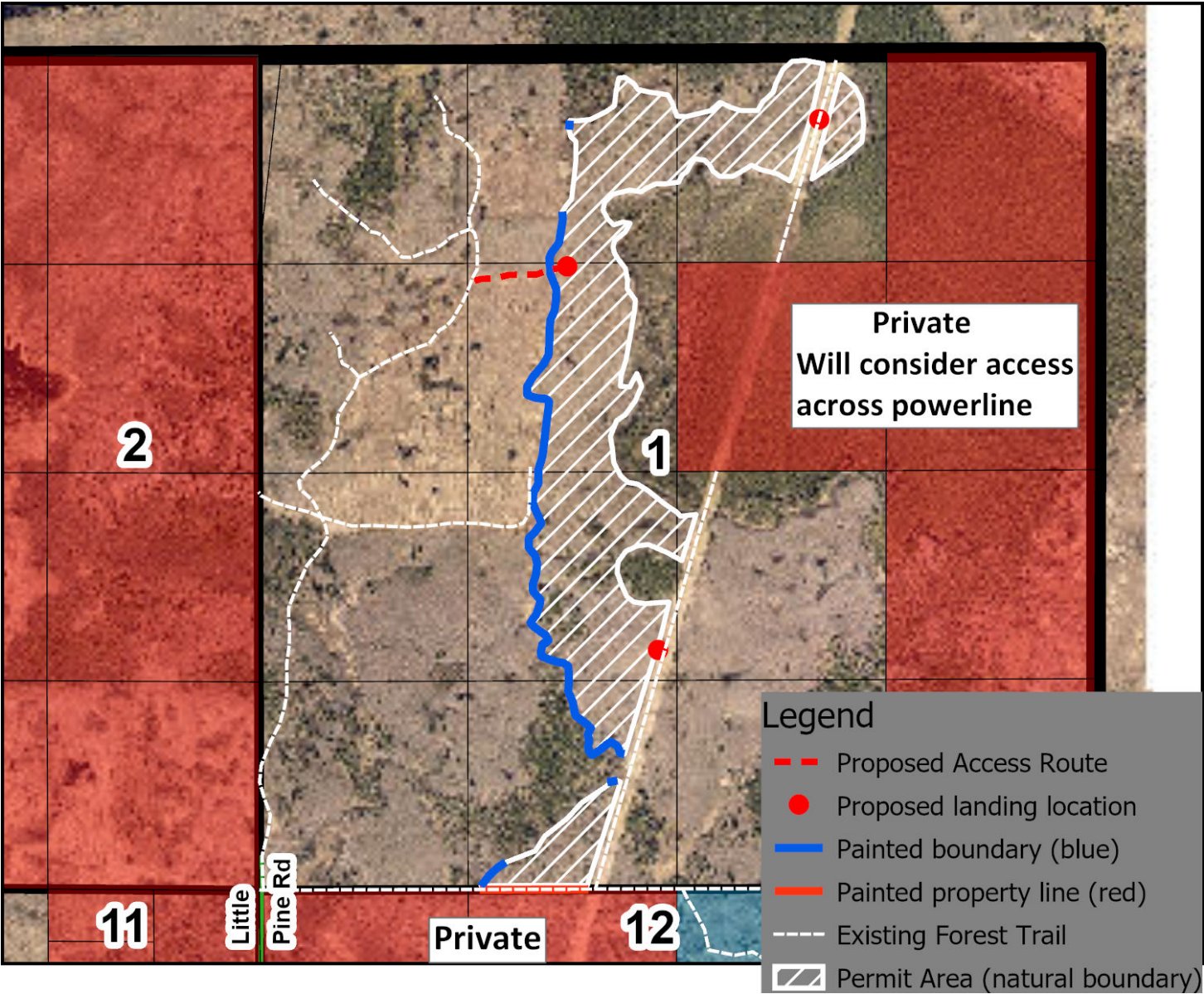
Tree Size, Marketing, and Special Conditions
Timber must be removed from site by the end of the same season as harvesting operations. Aspen: 9" DBH - 6 Sticks, Maple: 6" DBH - 2-3 Sticks. Biomass volume is estimated to be 650 tons.

Other Remarks
Missing scale tickets will be charged \$50.00 per ticket book. In the case where the County receives a copy of the book stub, but no copy or record of the consumer stub, the Permittee will be charged for a full truckload of timber for that species based on the average size load.

Crow Wing County Timber Appraisal Report

Appraised By: Tom Strack	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230302
Appraisal Date: 12/28/2022	Auction Date: 03/31/2023	Permit Number:
		Expiration Date: 03/31/2025
		Page: 2 of 2

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

Crow Wing County Timber Appraisal Report

Appraised By: Tom Strack	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230292
Appraisal Date: 04/11/2022	Auction Date: 03/31/2023	Permit Number: Expiration Date: 03/31/2025
		Page: 1 of 2

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge</u>	<u>City/Twp</u>	<u>Legal Description</u>
77010519	1	136	27	MISSION	NW 1/4, NWSW, NESW, SESW, SWNE
77020513	2	136	27	MISSION	SENE, NENE

<u>Block 1 Species</u>	<u>Non-Bid</u>	<u>Bolt %</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>
Red Pine		50	450	Cords	\$38.00	\$17,100.00
Aspen		0	130	Cords	\$30.00	\$3,900.00
Oak		0	850	Cords	\$20.00	\$17,000.00
Birch		2	60	Cords	\$17.00	\$1,020.00
					Subtotal	\$39,020.00
					Total	\$39,020.00

Total MBF: 0 Total Cords: 1490

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

Species Sold Area Estimate: Birch, Oak

Operability:	Year Round Operations - No Rutting	Soil Type:	Loamy Sand, Excessively Drained
Topography:	Level	Cutting Acres:	120.0

Harvest Specifications

Access
Access is thru public land.

Harvest and Reserves
Type 1: Harvest 1/3 of the standing Red Pine volume by Timber Sale Administrator approved method and all hardwoods.
Type 2: Harvest all Unmarked hardwoods and marked pine.
Type 2: Reserve all Unmarked pine and marked hardwoods.
Type 3: Harvest Red Pine a Basal Area of 100.
Type 3: Reserve a Basal Area of 100.
Type 4: Harvest all Hardwoods and Red Pine down to a Basal Area of 100.
Type 4: Reserve a Red Pine Basal Area of 100.

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 roads. County will provide up to 2 loads (24 cubic yards) of material upon approval of sale administrator.
Access road is also a Grant-In-Aid Snowmobile Trail. A 4 inch snow pack must be maintained over the road where practical and when snow conditions are favorable.

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.
Avoid felling timber into areas of regeneration.
Do not fell timber into wetlands or across ownership boundaries.

Site, Soil, and Water Protection
Filter strips along wetlands require <5% soil disturbance.
RMZs along open water wetland(s) occur on this permit. See appriasal 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
If chipping in types 1, 3 or 4, 20% of the tops and limbs must be scattered throughout permit area per Site Level FMGs. This is in addition to incidental breakage.
In type 2, 100% of the tops and limbs can be removed on this sale for chipping.
Chipping is to occur either simultaneously or during the same season as harvesting operations.
In type 2, slash to be placed in several large piles (max 1 acre) within harvest boundaries or other administrator-approved location or may be chipped.

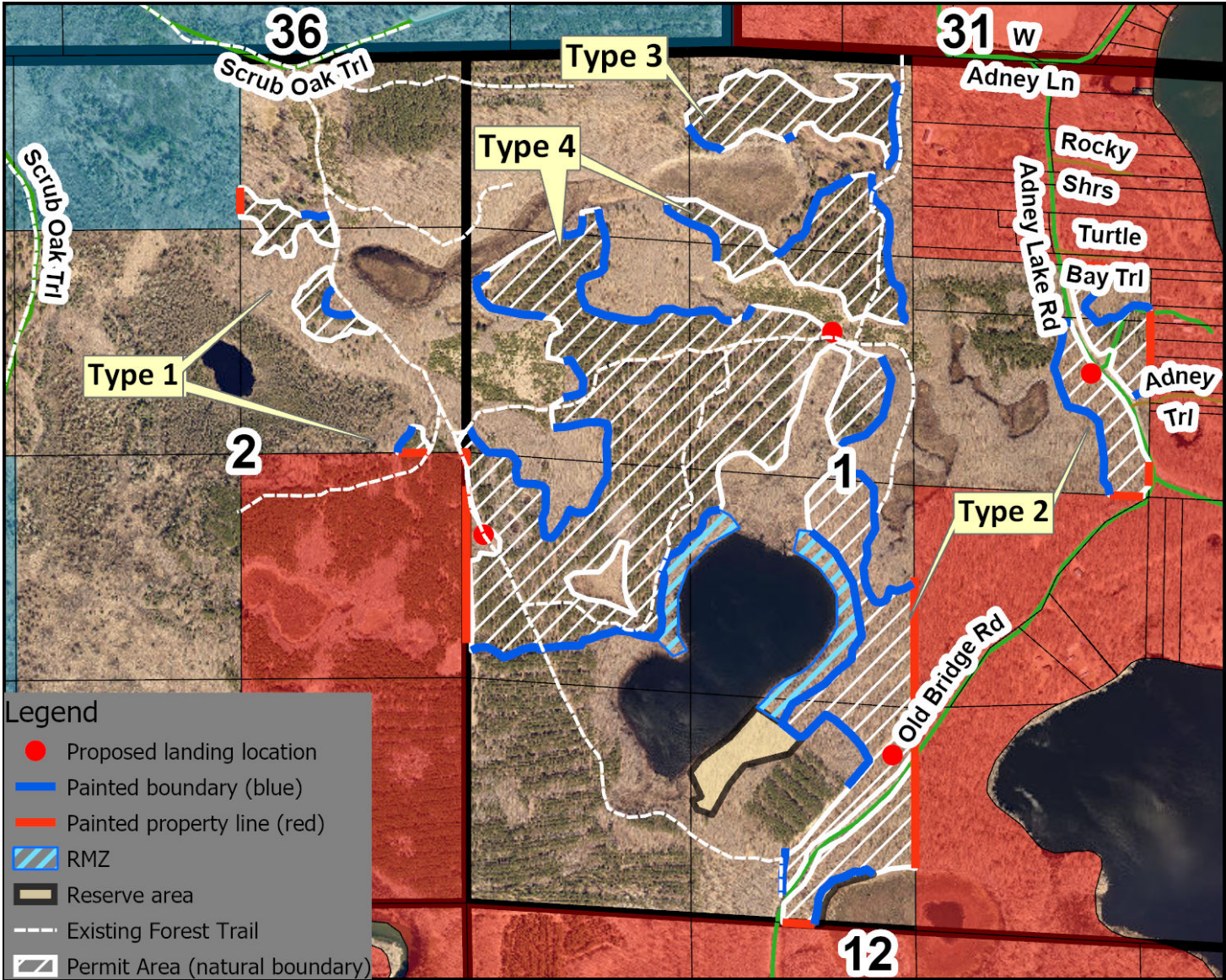
Tree Size, Marketing, and Special Conditions
Timber must be removed from site by the end of the same season as harvesting operations.
Red Pine: 8" DBH - 4 to 5 sticks, Aspen: 9" DBH 5-6 Sticks, Oak: 15" DBH - 5 Sticks.
Biomass volume is estimated to be 450 tons.

Crow Wing County Timber Appraisal Report

Appraised By: Tom Strack	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230292
Appraisal Date: 04/11/2022	Auction Date: 03/31/2023	Permit Number:
		Expiration Date: 03/31/2025
		Page: 2 of 2

Other Remarks
Missing scale tickets will be charged \$50.00 per ticket book. In the case where the County receives a copy of the book stub, but no copy or record of the consumer stub, the Permittee will be charged for a full truckload of timber for that species based on the average size load.

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

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230289
Appraisal Date: 03/21/2022	Auction Date: 03/31/2023	Permit Number: Expiration Date: 03/31/2025
		Page: 1 of 2

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge</u>	<u>City/Twp</u>	<u>Legal Description</u>
95190500	19	47	29	WOLFORD	SESE
95200505	20	47	29	WOLFORD	SWSW,SESW

<u>Block 1 Species</u>	<u>Non-Bid</u>	<u>Bolt %</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>
Aspen		0	635	Cords	\$30.00	\$19,050.00
Birch	X	5	65	Cords	\$17.00	\$1,105.00
Oak	X	2	65	Cords	\$22.00	\$1,430.00
Maple	X	0	20	Cords	\$12.00	\$240.00
					Subtotal	\$21,825.00
					Total	\$21,825.00

Total MBF: 0 Total Cords: 785

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

Species Sold Area Estimate: Aspen, Birch, Maple, Oak

Operability:	Summer-Winter : May 15 - March 31	Soil Type:	Loamy, Well Drained
Topography:	Level	Cutting Acres:	27.3

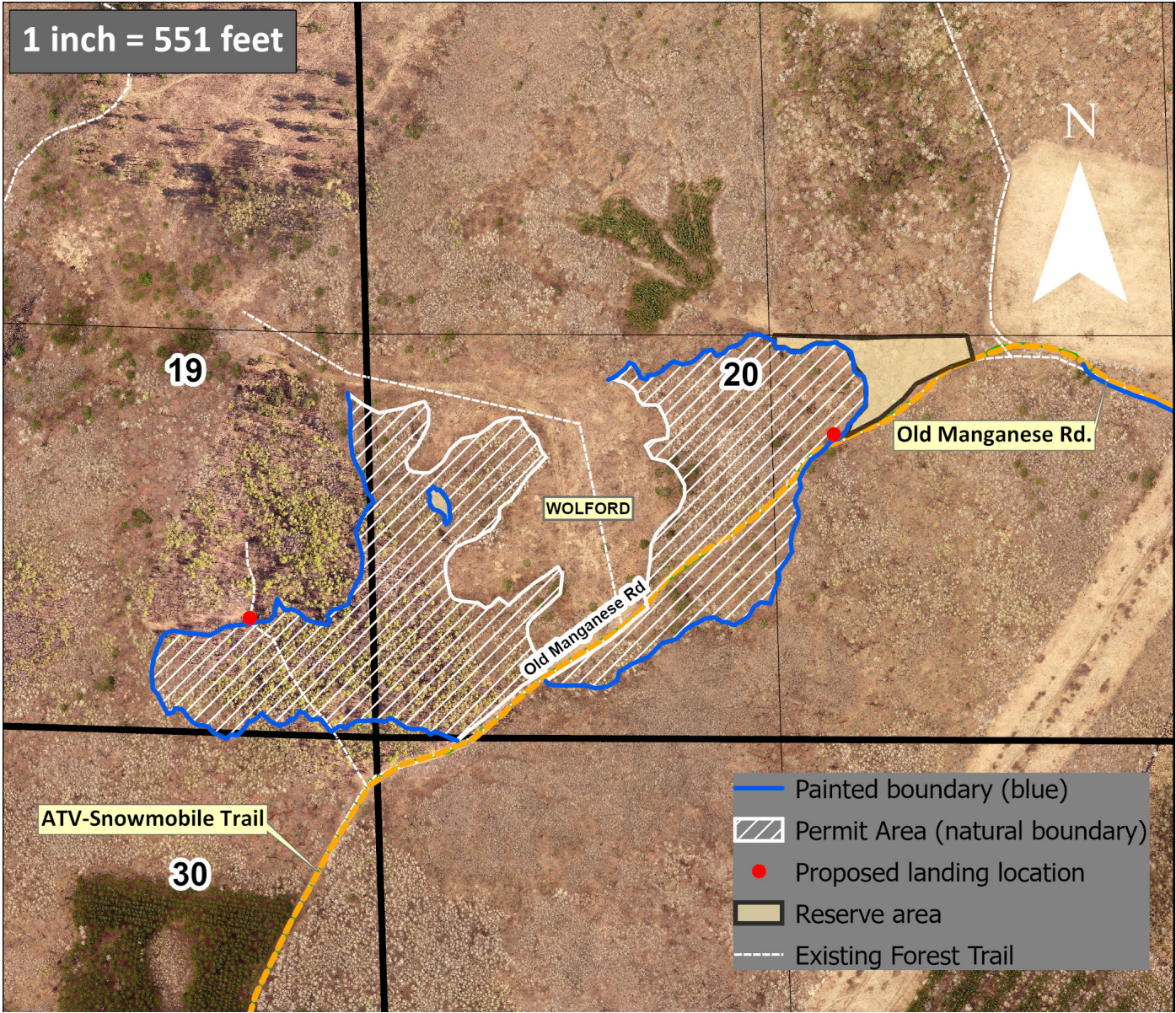
Harvest Specifications

Access
Access is thru public land.
Harvest and Reserves
Harvest: All tree species, except Bur Oak and Conifers.
Reserve: Bur Oak and Conifers.
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.
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.
Avoid felling timber into areas of regeneration.
Site, Soil, and Water Protection
Incorporate water diversion practices to reduce soil erosion.
If site/soil damage becomes apparent, cease operations and contact sale administrator immediately.
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: 10" DBH 5-6 sticks, Red Oak: 12" DBH 3-4 sticks, Birch: 12" DBH 4 sticks, Maple: 10" DBH 3 sticks.
Biomass volume is estimated to be 236 tons.

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230289
Appraisal Date: 03/21/2022	Auction Date: 03/31/2023	Permit Number:
		Expiration Date: 03/31/2025
		Page: 2 of 2

Site Map:



Appraisal examined and approved by

Land Commissioner

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Contractor

Date

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230297
Appraisal Date: 07/28/2022	Auction Date: 03/31/2023	Permit Number: Expiration Date: 03/31/2025
		Page: 1 of 2

Legal Description

RE Code	Sec.	Twp.	Rge	City/Twp	Legal Description
71070530	7	46	29	IRONDALE	SESW, GL 4
71180567	18	46	29	IRONDALE	PART OF GOV. LOT 3 SEC. 18 LYING W. OF ROAD.
71120500	12	46	30	IRONDALE	GL 2

Block 1 Species	Non-Bid	Bolt %	Volume	Units	Unit Price	Value
Aspen		0	1150	Cords	\$30.00	\$34,500.00
Oak	X	5	250	Cords	\$22.00	\$5,500.00
Birch	X	4	115	Cords	\$17.00	\$1,955.00
Jack Pine	X	35	6	Cords	\$20.00	\$120.00
Maple	X	0	10	Cords	\$12.00	\$120.00
Ash	X	0	2	Cords	\$9.00	\$18.00
					Subtotal	\$42,213.00
					Total	\$42,213.00

Total MBF: 0 Total Cords: 1533

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

Operability: DRY Summer - Winter : June 15 - March 31 **Soil Type:** Loamy, Well Drained
Topography: Level to Rolling **Cutting Acres:** 65.1

Harvest Specifications

Access
Access is thru public land.

Harvest and Reserves
Type 1: Harvest: Aspen, RED Oak, Birch, Maple, Jack Pine, and Ash.
Type 1: Reserve: BUR Oak, Basswood, Red & White Pine, Elm, Cherry, and blue painted trees.
Type 2: Harvest: Aspen, Birch, Red Oak, and Upland Ash.
Type 2: Reserve: BUR Oak, Basswood, Pine, Maple, and Lowland Ash.

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.
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.
Access road is also a Grant-In-Aid Snowmobile Trail. A 4 inch snow pack must be maintained over the road where practical and when snow conditions are favorable.

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.
Avoid felling timber into areas of regeneration.
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.
No cutting is allowed within RMZs on this permit.

Slash Disposal
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.

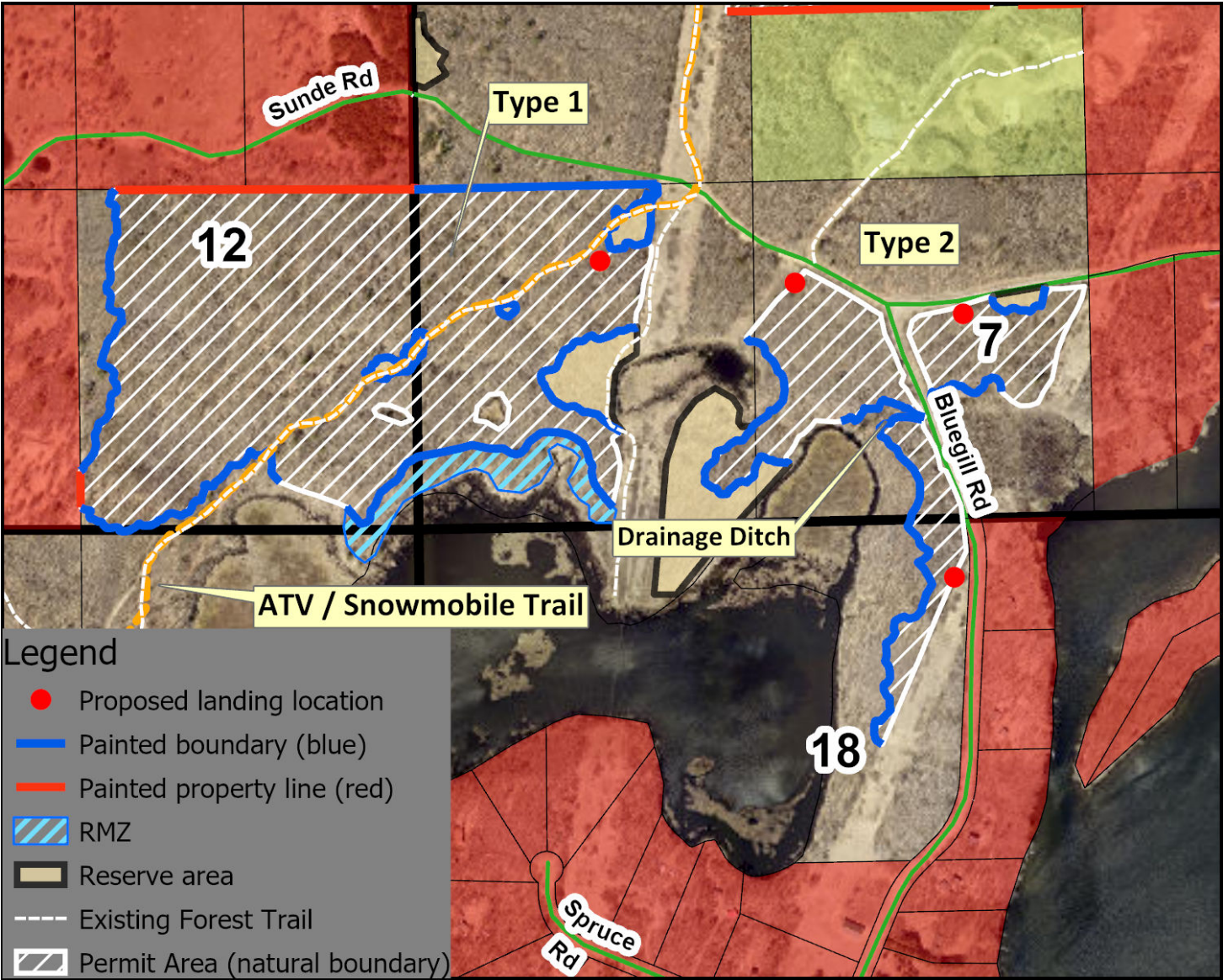
Tree Size, Marketing, and Special Conditions
Timber must be removed from site by the end of the same season as harvesting operations.
Aspen 11" DBH 5-6 sticks, Red Oak 8-14" DBH 4-5 sticks, Birch 11"4 sticks, Jack Pine 12" DBH 5 sticks.
Biomass volume is estimated to be 478 tons.

Other Remarks
Missing scale tickets will be charged \$50.00 per ticket book. In the case where the County receives a copy of the book stub, but no copy or record of the consumer stub, the Permittee will be charged for a full truckload of timber for that species based on the average size load.

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230297
Appraisal Date: 07/28/2022	Auction Date: 03/31/2023	Permit Number:
		Expiration Date: 03/31/2025
		Page: 2 of 2

Site Map:



Appraisal examined and approved by

Land Commissioner

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Contractor

Date

Crow Wing County Timber Appraisal Report

Appraised By: Tom Strack	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230299
Appraisal Date: 11/17/2022	Auction Date: 03/31/2023	Permit Number: Expiration Date: 03/31/2025
		Page: 1 of 2

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge</u>	<u>City/Twp</u>	<u>Legal Description</u>
41280533	28	134	28	BRAINERD	SWSE, E 1/2 of SESW (94%)
99280619	28	134	28	1ST ASSESSMENT	SESE (6%)

<u>Block 1 Species</u>	<u>Non-Bid</u>	<u>Bolt %</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>
Aspen		0	1000	Cords	\$30.00	\$30,000.00
Birch	X	7	100	Cords	\$17.00	\$1,700.00
Jack Pine	X	50	20	Cords	\$20.00	\$400.00
Maple	X	0	40	Cords	\$12.00	\$480.00
Oak	X	0	20	Cords	\$10.00	\$200.00
Subtotal						\$32,780.00
Total						\$32,780.00
Total MBF: 0			Total Cords: 1180			

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

Operability: Summer: May 15 - March 15 **Soil Type:** Loam fine sandy loam, moderately well drained
Topography: Level to Rolling **Cutting Acres:** 37.3

Harvest Specifications

Access
Access is thru public land.

Harvest and Reserves
Type 1 Harvest: Aspen, Birch, Maple, and Jack Pine. Type 1 Reserve: Red Pine, Oak and Basswood. Type 2 Harvest: Aspen, Birch, Maple, Jack Pine and Oak. Type 2 Reserve: Red Pine.

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. 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. Avoid felling timber into areas of regeneration. Do not fell timber into wetlands or across ownership boundaries.

Site, Soil, and Water Protection
Filter strips along wetlands require <5% soil disturbance. RMZs along open water wetland(s) occur on this permit. See appriasal 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. In type 2, slash to be placed in several large piles (max 1 acre) within harvest boundaries, other administrator-approved location or within the type 1 harvest area to facilitate tree planting in type 2 at a later date. 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.

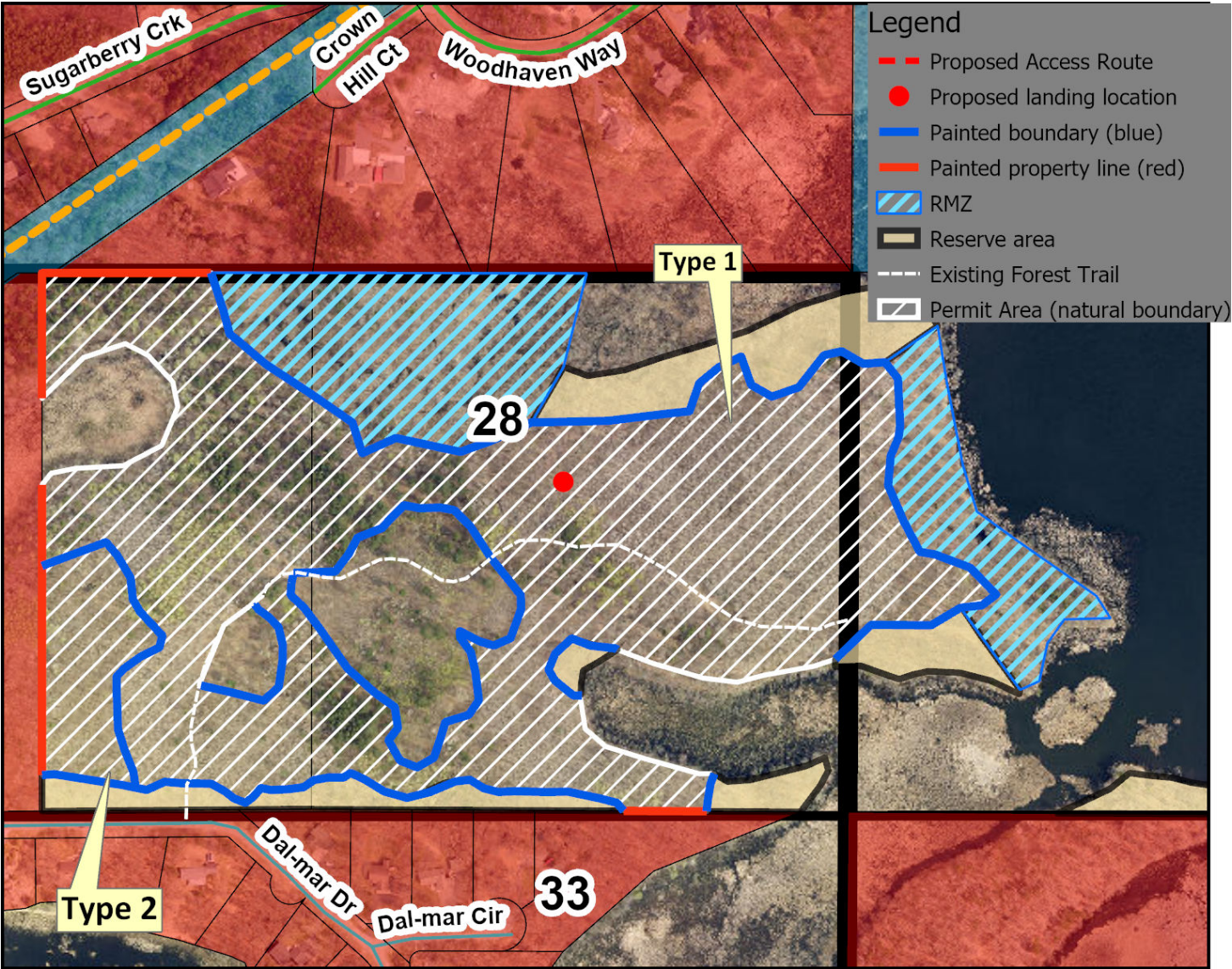
Tree Size, Marketing, and Special Conditions
Timber must be removed from site by the end of the same season as harvesting operations. Aspen: 10" DBH - 6.5 Sticks. Biomass volume is estimated to be 350 tons.

Other Remarks
Missing scale tickets will be charged \$50.00 per ticket book. In the case where the County receives a copy of the book stub, but no copy or record of the consumer stub, the Permittee will be charged for a full truckload of timber for that species based on the average size load.

Crow Wing County Timber Appraisal Report

Appraised By: Tom Strack	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230299
Appraisal Date: 11/17/2022	Auction Date: 03/31/2023	Permit Number:
		Expiration Date: 03/31/2025
		Page: 2 of 2

Site Map:



Appraisal examined and approved by

Land Commissioner

Date

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Contractor

Date

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230296
Appraisal Date: 06/17/2022	Auction Date: 03/31/2023	Permit Number: Expiration Date: 03/31/2025
		Page: 1 of 2

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge</u>	<u>City/Twp</u>	<u>Legal Description</u>
71300503	30	46	29	IRONDALE	SWSE
71310515	31	46	29	IRONDALE	NWNE,NENE

<u>Block 1 Species</u>	<u>Non-Bid</u>	<u>Bolt %</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>
Red Pine		95	110	Cords	\$65.00	\$7,150.00
Aspen		0	220	Cords	\$30.00	\$6,600.00
Oak	X	12	35	Cords	\$22.00	\$770.00
Birch	X	4	8	Cords	\$17.00	\$136.00
Maple	X	0	10	Cords	\$12.00	\$120.00
Basswood	X	4	2	Cords	\$13.00	\$26.00
Subtotal						\$14,802.00
Total						\$14,802.00
Total MBF: 0			Total Cords: 385			

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

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

Operability: DRY Summer-Winter: May 15 - March 31 **Soil Type:** Loam fine sandy loam, moderately well drained

Topography: Mostly Level **Cutting Acres:** 10.0

Harvest Specifications

Access
Access is thru public land.

Harvest and Reserves
Harvest: Aspen, Birch, Maple, Basswood, Red Pine greater than 19" DBH, and **Red Oak**.
Reserve: Red Pine less than 19" DBH, **5 Red Oak per acre greater than 14" DBH, White Pine, BUR oak, and Butternut.

Landings, Access Roads, and Skid Trails
Use only existing access roads.
Trails and landings need to be rehabilitated to a satisfactory condition before performance guarantee is returned.
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
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.
Avoid felling timber into areas of regeneration.
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.

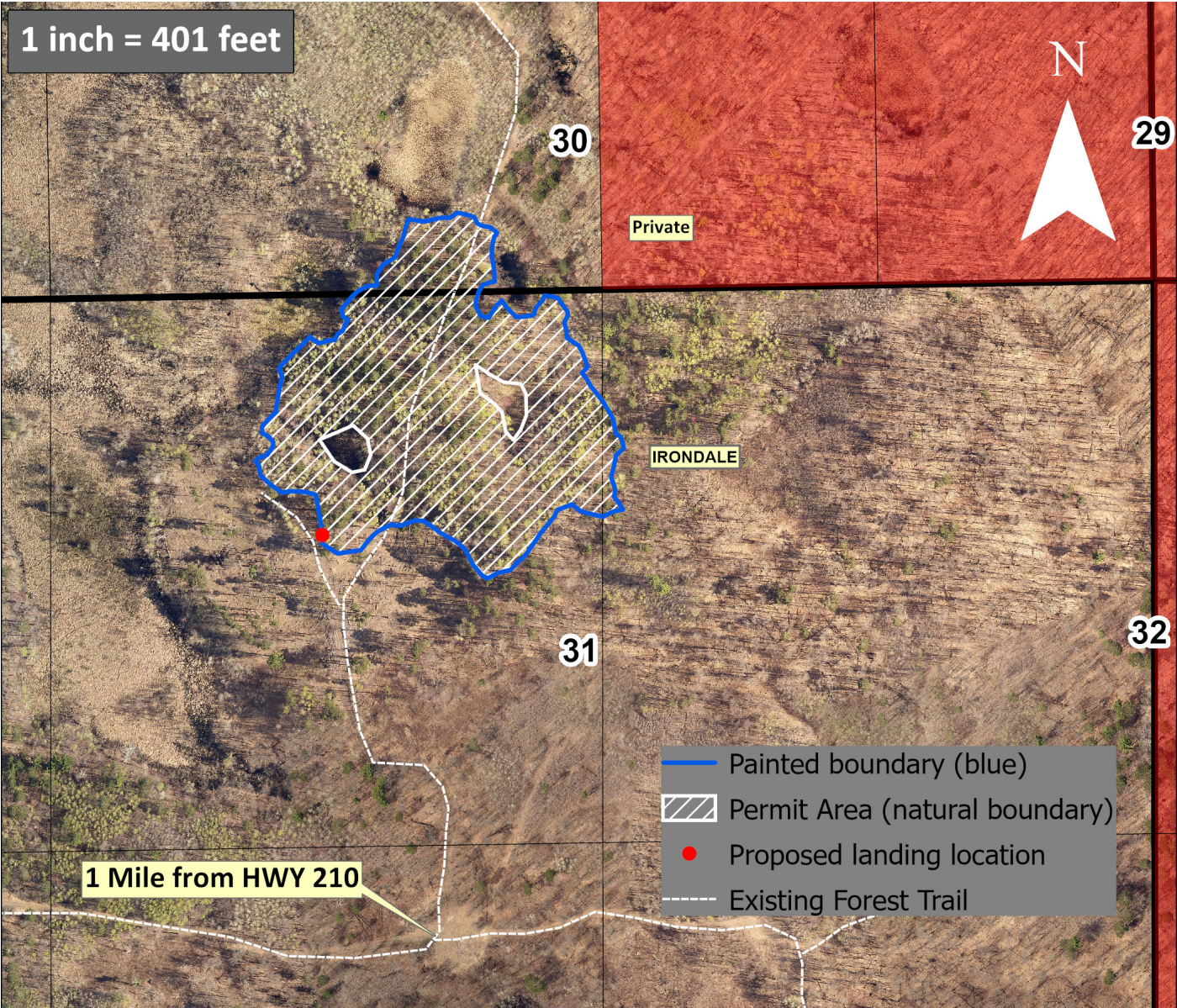
Slash Disposal
Slash may be chipped or must be scattered throughout permit area.
If chipping, 20% of the tops and limbs must be scattered throughout permit area per Site Level FMGs. This is in addition to incidental breakage.

Tree Size, Marketing, and Special Conditions
Timber must be removed from site by the end of the same season as harvesting operations.
Aspen 10" DBH 6 sticks, Red Pine 21" DBH 8-9 sticks, Red Oak 15" DBH 5-6 sticks, Birch 11" DBH 3-4 sticks, Basswood 11" DBH 2-3 sticks, Maple 11" DBH 3 sticks.
Biomass volume is estimated to be 115 tons.

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230296
Appraisal Date: 06/17/2022	Auction Date: 03/31/2023	Permit Number:
		Expiration Date: 03/31/2025
		Page: 2 of 2

Site Map:



Appraisal examined and approved by

Land Commissioner

Date

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Contractor

Date

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS230294
Appraisal Date: 05/09/2022	Auction Date: 03/31/2023	Permit Number:
		Expiration Date: 03/31/2025
		Page: 1 of 2

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge</u>	<u>City/Twp</u>	<u>Legal Description</u>
88260507	26	43	28	ROOSEVELT	NESW,NWSW,SWSW
88270512	27	43	28	ROOSEVELT	SENE,NESE,SESE,GOV LOT 1

<u>Block 1 Species</u>	<u>Non-Bid</u>	<u>Bolt %</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>
Oak		14	370	Cords	\$22.00	\$8,140.00
Aspen		0	205	Cords	\$30.00	\$6,150.00
Maple		0	110	Cords	\$12.00	\$1,320.00
Basswood	X	24	70	Cords	\$13.00	\$910.00
Birch	X	5	50	Cords	\$17.00	\$850.00
Ash	X	9	40	Cords	\$12.00	\$480.00
Subtotal						\$17,850.00
Total						\$17,850.00
Total MBF: 0			Total Cords: 845			

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

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

Operability:	Summer-Winter: June 1 - March 31	Soil Type:	Loamy Sand, Excessively Drained
Topography:	Rolling to Steep	Cutting Acres:	65.3

Harvest Specifications

Access
Access is thru public land.

Harvest and Reserves
Type 1: Harvest: Aspen, Birch, Maple, Ash, Marked Red Oak & Marked Basswood.
Type 1: Reserve: UnMarked Red Oak, UnMarked Basswood, Conifers, Bur Oak, Hickory, and Blue Painted Trees.
Type 2: Harvest All Tree Species Except: Bur Oak, Conifers, Hickory, and Blue Painted Trees.
Type 2: Reserve: Bur Oak, Conifers, Hickory, and Blue Painted Trees.

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.
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.
Access road is also a Grant-In-Aid Snowmobile Trail. A 4 inch snow pack must be maintained over the road where practical and when snow conditions are favorable.

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.
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.
Incorporate water diversion practices to reduce soil erosion.
If site/soil damage becomes apparent, cease operations and contact sale administrator immediately.

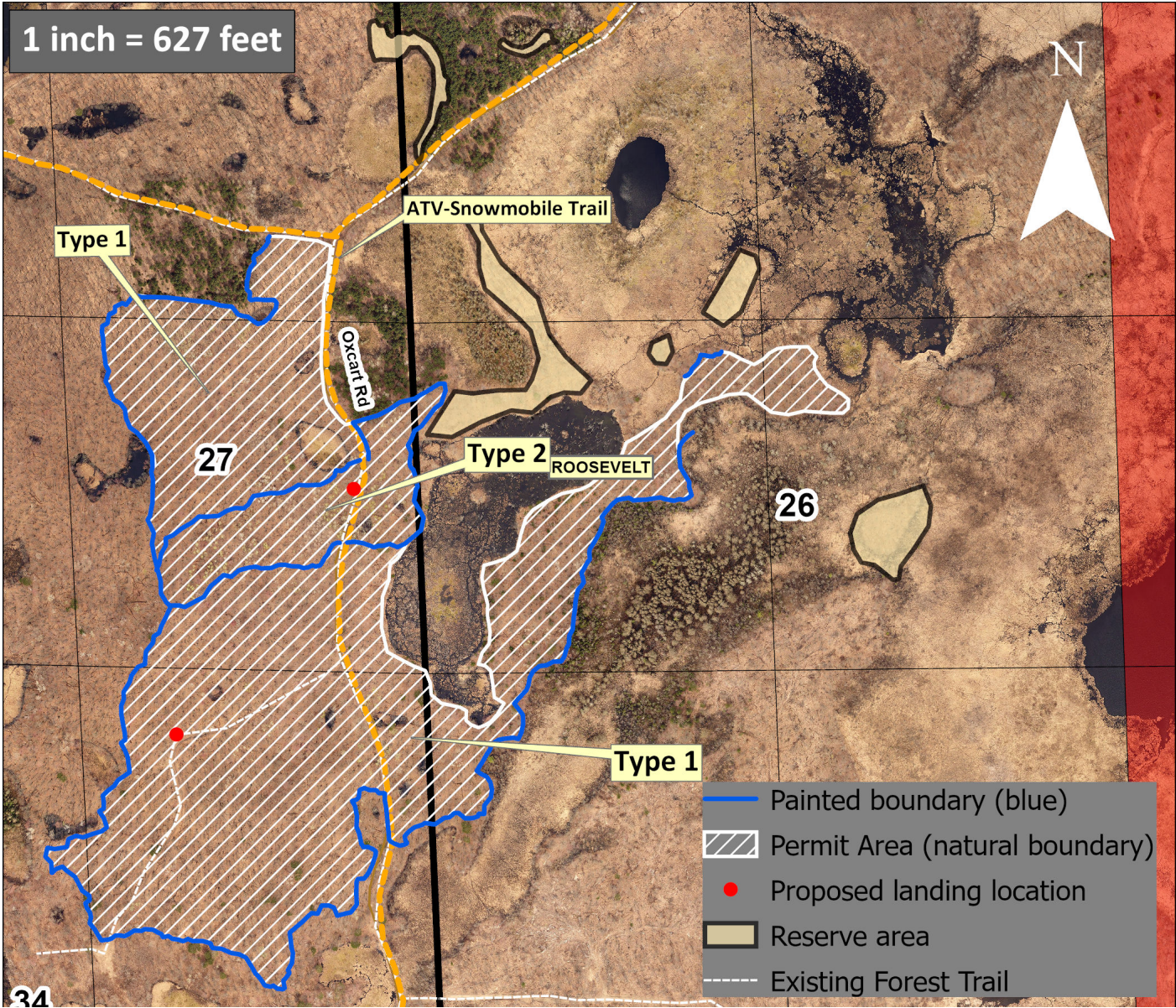
Slash Disposal
Slash may be chipped or must be scattered throughout permit area.
If chipping, 20% of the tops and limbs must be scattered throughout permit area per Site Level FMGs. This is in addition to incidental breakage.

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 5-6 sticks, Red Oak: 13" DBH 5 sticks, Maple: 11" DBH 4 sticks, Basswood: 15" DBH 5 sticks, Birch: 10" DBH 4-5 sticks, Ash: 15" DBH 5 sticks.
Biomass volume is estimated to be 252 tons.

Crow Wing County Timber Appraisal Report

Appraised By:	Sale Type:	Appraisal Number:
Mitch Lundeen	REGULAR AUCTION SALE	TS230294
Appraisal Date:	Auction Date:	Permit Number:
05/09/2022	03/31/2023	Expiration Date: 03/31/2025
		Page: 2 of 2

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

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS200189
Appraisal Date: 10/21/2019	Auction Date: 03/31/2023	Permit Number: Expiration Date: 03/31/2025
		Page: 1 of 2

Legal Description

RE Code	Sec.	Twp.	Rge	City/Twp	Legal Description		
88350516	35	43	28	ROOSEVELT	SWNE, SWNW, NESW,NWSE, SENW, NWSW, SENE		
Block 1 Species	Non-Bid		Bolt %	Volume	Units	Unit Price	Value
Oak			12	250	Cords	\$22.00	\$5,500.00
Aspen			0	125	Cords	\$30.00	\$3,750.00
Birch			10	475	Cords	\$17.00	\$8,075.00
Basswood			28	180	Cords	\$13.00	\$2,340.00
Maple		X	0	180	Cords	\$12.00	\$2,160.00
Ash		X	15	65	Cords	\$9.00	\$585.00
						Subtotal	\$22,410.00
						Total	\$22,410.00
Total MBF: 0			Total Cords: 1275				

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

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

Operability:	June 1 - March 31	Soil Type:	Loamy, Moderately Drained
Topography:	Level to Rolling with some Steep Slopes	Cutting Acres:	91.8

Harvest Specifications

Access
Access is thru public land.

Harvest and Reserves
Harvest: Aspen, Birch, Maple and Ash. Also, harvest Oak and Basswood marked with orange paint.
Reserve: All Unmarked Oak and Basswood, and all other non-harvest species.

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.
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.
Access road is also a Grant-In-Aid Snowmobile Trail. A 4 inch snow pack must be maintained over the road where practical and when snow conditions are favorable.
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
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.
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.
Incorporate water diversion practices to reduce soil erosion.
If site/soil damage becomes apparent, cease operations and contact sale administrator immediately.

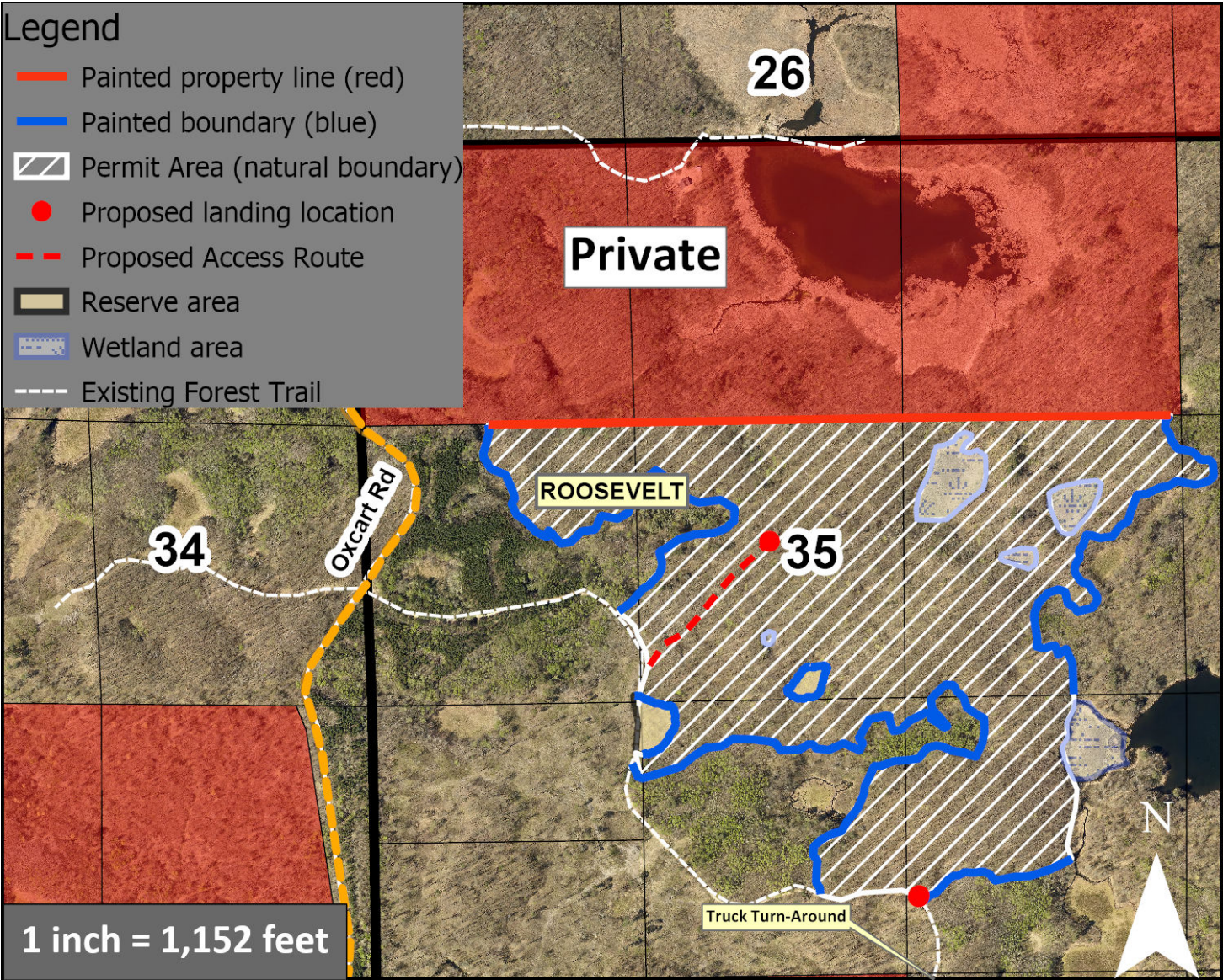
Slash Disposal
Slash may be chipped or must be scattered throughout permit area.
If chipping, 20% of the tops and limbs must be scattered throughout permit area per Site Level FMGs. This is in addition to incidental breakage.

Tree Size, Marketing, and Special Conditions
Aspen 16" DBH - 6-7 sticks, Oak 12" DBH - 5 Sticks, Birch 11" DBH - 4.5 sticks, Basswood 14" DBH - 6 sticks, Maple 9" DBH - 3-4 sticks, Ash 13" DBH - 5.5 sticks
Biomass volume is estimated to be 380 tons.

Crow Wing County Timber Appraisal Report

Appraised By: Mitch Lundeen	Sale Type: REGULAR AUCTION SALE	Appraisal Number: TS200189
Appraisal Date: 10/21/2019	Auction Date: 03/31/2023	Permit Number:
		Expiration Date: 03/31/2025
		Page: 2 of 2

Site Map:



Appraisal examined and approved by

Land Commissioner

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

Contractor

Date