

Beltrami County NRM Timber Appraisal

225039

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Appraised By: Nick Ronning	Sale Type: SEALED BID-REGULAR	Appraisal Number: Andrusia NE Salvage
Appraisal Date: 07/14/2025	Auction Date: 07/25/2025	Permit Number: 225039
	Access: Public Access	Expiration Date: 07/25/2026

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge.</u>	<u>School</u>	<u>City/Twp</u>	<u>Subd</u>
	8	146	31	31	Ten Lake	NE1/4 NW1/4

<u>Bid</u>	<u>Species</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>	<u>Comments</u>	<u>Bolt %</u>
Bid	Aspen pulp	250	Cords	\$15.00	\$3,750.00	Includes Balm	
Bid	Red Pine pulp	10	Cords	\$8.00	\$80.00	Includes JP & WP	
Bid	Red Pine bolts	75	Cords	\$20.00	\$1,500.00	Includes JP & WP	
Non-Bid	Mixed Hardwoods	25	Cords	\$5.00	\$125.00	Everything except Pine and Aspen, including Spruce and Balsam.	
					\$5,455.00	Subtotal	
Total Cords: 360 Total MBF: 0					\$5,455.00	Total	
					\$818.25	15% Down Payment	

Bid Symbols: Bid = Bid Species; Non-Bid = Non-Bid Species; Area Est. = Sold Area Estimate; AE Non-Bid = Sold Area Estimate & Non-Bid Species
All species woodsrun unless listed otherwise.

Species Scaled: Aspen pulp, Mixed Hardwoods, Red Pine bolts, Red Pine pulp

Species SAE:

Operability:		Soil Type:	loamy sand
Topography:	flat		
Acres:	19		

DRAIN

Type:	Acres Cut:
SEALED BID-REGULAR	19.00

Total: 19.00

Harvest Specifications

Access
• Latitude/Longitude – Primary access location is Lat. 47.483N, by Long. 94.642W.
Cutting and Skidding
• Logging Damage - Logging damage is injury to 30% or more of the crown; or bark damage exposing cambium of 50 sq.in. or more; or damage causing lean of more than 5 degrees from original. Damage to reserve trees, as identified on the Appraisal form, may be subject to a \$25/tree penalty
Harvest and Reserves
• Cut Trees: Everything not listed as reserved • Leave Trees: Smaller undamaged Hardwoods, Spruce, and Fir. Select White Pines for Seed. All Cedar. All undamaged Oak and Elm. Some Boundaries may need to be run at the time the sale is opened. Private land to the east. USFS to the south.

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Other Remarks

Extent of sale area and volume are estimated as best as possible given the conditions. Communication between logger and forester will be key. The goal is to utilize as much storm damage as possible.

Permits Required

• Other Agency Access – Sale access uses USFS Road 3620. Permission for road use is not required to bid, but must be approved by the other agency before operations begin. Their road use requirement must be followed.

Site, Soil, and Water Protection

• Rutting - Contractor must be prepared to shut down equipment operations or hauling if thawing or wet conditions create the potential for rutting. Failure to comply with this requirement may be subject to a \$100 penalty per occurrence.

Slash Disposal

Lop and Scatter unless making scattered wildlife piles. Discuss plans with forester.

Tree Size, Marketing, and Special Conditions

- 4 inch TDIB – Utilize all material from butt to a 4" top diameter inside bark.
- Pine thinning guides - to minimize Ips Bark Beetle Damage in residual or nearby pine. A) December 1–May 31: All cut pine material > 3" and pine logs must be removed or destroyed before June 1 ; B) June 1–August 31: All cut pine material > 3" and pine logs must be or destroyed within 3 weeks of cutting; C) September 1–November 30: may leave slash on site
- Private Wood – There is a strip of private wood along part of the sale boundary that is NOT part of this sale. If the landowner sells this wood to you, to comply with Chain of Custody requirements of our certifying organization, the private wood must not be mixed or hauled with the County wood.

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Site Map:

Andrusia NE Salvage Sale



Appraisal examined and approved by

Forester

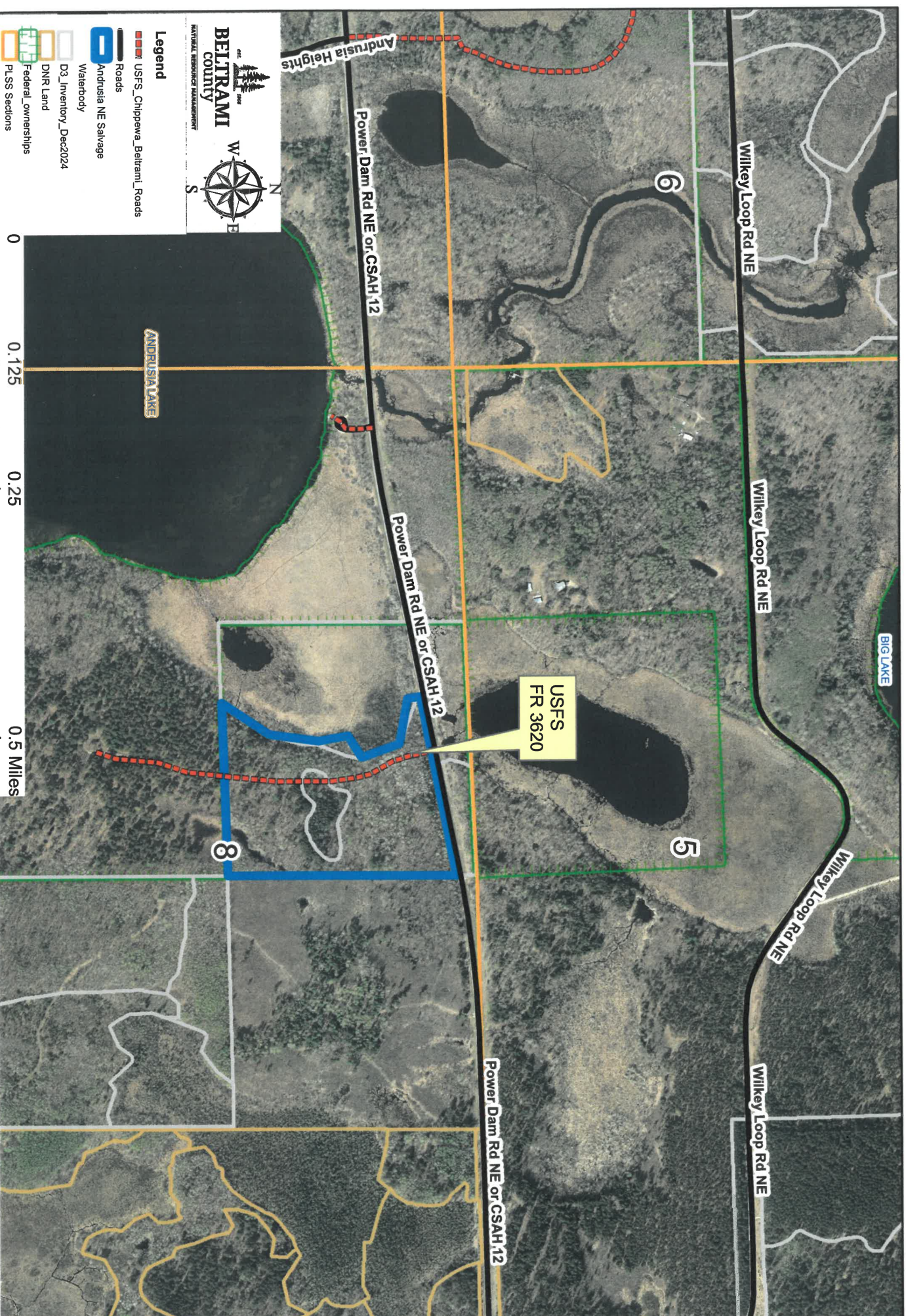
Date

Appraisal examined and approved by

Land Department

Date

Andrusia NE Salvage Sale



STAND HARVEST PRESCRIPTIONS

Timber Sale Name:	Andrusia NE Salvage						
Description:							
RE Code	Sec.	Twp.	Rge.	School	City/Twp	Subd	
	8	146	31	31	Ten Lake	NE1/4 NW1/4	
Block:	1						
Stand Details							
Section	Township	Range	Timber Type	Acres	Stand Age	NPC	Harv Meth Desc
8	146	31	12	19	80	FDc24	Clear Cut w/Reserves
8	146	31	52	19	115	FDc24	Clear Cut w/Reserves
*NPC	FDc24 - Central Rich Dry Pine Woodland						
No Basal Data							
Current Site Conditions	This stand consists of overmature Aspen, Birch, and Norway Pine with other species mixed in. It blew down during the storm on June 21, 2025. The cutting area is approximately 19 acres.						
Insect/Disease	Ips - Potential for Ips Beetle in logs & slash, use hauling guides						
Timber Objectives	The goal is to salvage all of the mature timber and, if possible, reserve undamaged smaller hardwood and conifer as advanced natural regeneration and seed sources. Reserve at least 2 medium sized healthy white pines per acre (35-40 total) to serve as long term seed source.						
Regeneration	Regeneration will primarily be natural to aspen and hardwoods but conifer planting and natural seeding may also help regenerate the stand.						
Riparian	Filter Strips from adjacent wetlands must be protected from scarification						
Wetlands	type 6 - shrub swamp adjacent to harvest area. Small wetland in SE corner of sale.						
Soil Types	N87 - Loamy Sand						
Wildlife	Project spacing of habitat elements is beneficial to wildlife. Project timing is beneficial to wildlife. The balsam fir and other understory conifer are being reserved for cover. The reserved species will serve as a mast production for wildlife. Slash piles may be created for wildlife.						
Visual Sensitivity	High - Visual sensitivity is high, Visual quality protected by landing placement, harvest design (leave trees or harvest shape), slash disposal limit near roads, etc.						
Natural Heritage	Database was checked and no resources found.						
Cultural Resources	Database was checked and no resources found.						

STAND HARVEST PRESCRIPTIONS

Harvest Methods

Clear Cut w/Reserves

retain marked or designated trees or clumps (Clear Cut)