

# Itasca County Timber Appraisal Report

<b>Appraised By:</b> Casey Dabrowski  <b>Appraisal Date:</b> 10/06/2022	<b>Sale Type:</b> REGULAR AUCTION SALE  <b>Auction Date:</b> 12/08/2022	<b>Appraisal Number:</b> 22-02-13 <b>Permit Number:</b> <b>Expiration Date:</b> 03/01/2026 <b>Page:</b> 1 of 3
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**Legal Description**

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge.</u>	<u>City/Twp</u>	<u>Subd</u>		
10-235-4100	35	62	24	Carpenter	NE SE		
10-235-3100	35	62	24	Carpenter	NE SW		
<u>Block 1 Species</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>	<u>Comments</u>	<u>Bolt %</u>	<u>Bid</u>
Spruce	170	Cords	\$8.00	\$1,360.00	5-10", 3-5 st, Good.	25	^
Balsam Fir	110	Cords	\$6.00	\$660.00	5-10", 3-5 st, Good.	30	^
Aspen	95	Cords	\$18.00	\$1,710.00	5-12", 3-5 st, Good.	15	^
Red Pine	75	Cords	\$12.00	\$900.00	6-10", 2-5 st, Good.	50	^
Paper Birch	20	Cords	\$7.00	\$140.00	5-10", 3-4 st, Fair.	10	#
Ash	5	Cords	\$7.00	\$35.00	5-12", 3-5 st, Fair.	20	#
Maple	1	Cords	\$7.00	\$7.00	Poor.	0	#
				\$4,812.00	<b>Subtotal</b>		
<b>Total Cords =</b>	476	<b>Total MBF: 0</b>		\$4,812.00	<b>Total</b>		

Bid Symbols: ^ = Bid Species; # = Non-Bid Species; + = Sold Area Estimate; \* = Sold Area Estimate & Non-Bid Species  
 All species woodsrun unless listed otherwise.

**Species Scaled:** Ash , Aspen, Balsam Fir, Maple , Paper Birch , Red Pine, Spruce  
**Species SAE:**

**Operability:** Winter - Frozen ground conditions: 12/1 - 3/1, Summer - DRY ground conditions: 7/1 - 9/1  
**Soil Type:** Warba-Menahga Complex fine sandy loam  
**Topography:** Level to rolling  
**Cutting Acres:** 28.9

All permits must follow Itasca County Forest Management Guidelines and Specifications (can be found at <http://www.co.itasca.mn.us/DocumentCenter/View/567/Forest-Management-Guidelines-and-Specifications> ).

**Harvest Specifications**

Comments
Harvest Type: First time red pine thin (13.4 ac), first time white spruce thin (12.5 ac), aspen clearcut with reserves (1.9 ac). Spruce block is winter operability only. Dry summer chance pine block is also on heavier soils.
Harvest and Reserves
Harvest: In thinning blocks, cut 12 foot access strips reserving 40 feet in between strips for thinning. Thin to an average of 90-110 basal area of good formed crop trees of any species. Favor the removal of smaller diameter, poor quality, and damaged trees. Harvest: in aspen blocks, cut balsam 3 sticks and greater plus all aspen. Reserve: In thinning blocks, retain aspen, maple and birch not overtopping well-formed crop trees and all elm, white pine, and cedar. Do not enter ash swale in spruce. Reserve: in aspen blocks, reserve all white pine, oak, ash, cedar, maple, and birch, plus balsam under 3 sticks. Reserve all non-hazardous snags. South Pickerel Road right-of-way clearing: cut all timber within 10 feet of the edge of the road. This will require signage and supervision by a traffic flagger while operating on the road. Road must be restored to its pre-work condition and free of debris.

Access
0 miles to public roads Co Rd 533 and South Pickerel Road.

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### Landings and Access Roads

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, determined by administering forester, before performance bond is returned.  
No equipment operation or truck loading allowed on South Pickerel Road beyond what is needed for right-of-way clearing.  
Timber sale administrator shall be notified at least 3 working days prior to completion of hauling and road work. This provides adequate time for permit area inspection and addressing of permit compliance requirements before hauling and road work equipment is removed.

### Cutting, Felling, and Skidding

Timber must be processed at the stump.  
Do not damage reserve trees.  
Do not fell timber into wetlands or across sale boundaries.  
Ownership boundaries are painted with blue circles (O O O). Sale boundaries are unpainted; see sale map.

### Site, Soil, and Water Protection

Filter strips require <5% soil disturbance within 50 feet of all wetlands.  
Red pine block contains a Riparian Management Zone along eastern edge. Retain or create at least 4 leave logs per acre within 75 feet from eastern edge of block.

### Slash Disposal

Slash must be evenly distributed throughout permit area.  
A 10 foot wide slash free zone must be maintained along roads and trails.

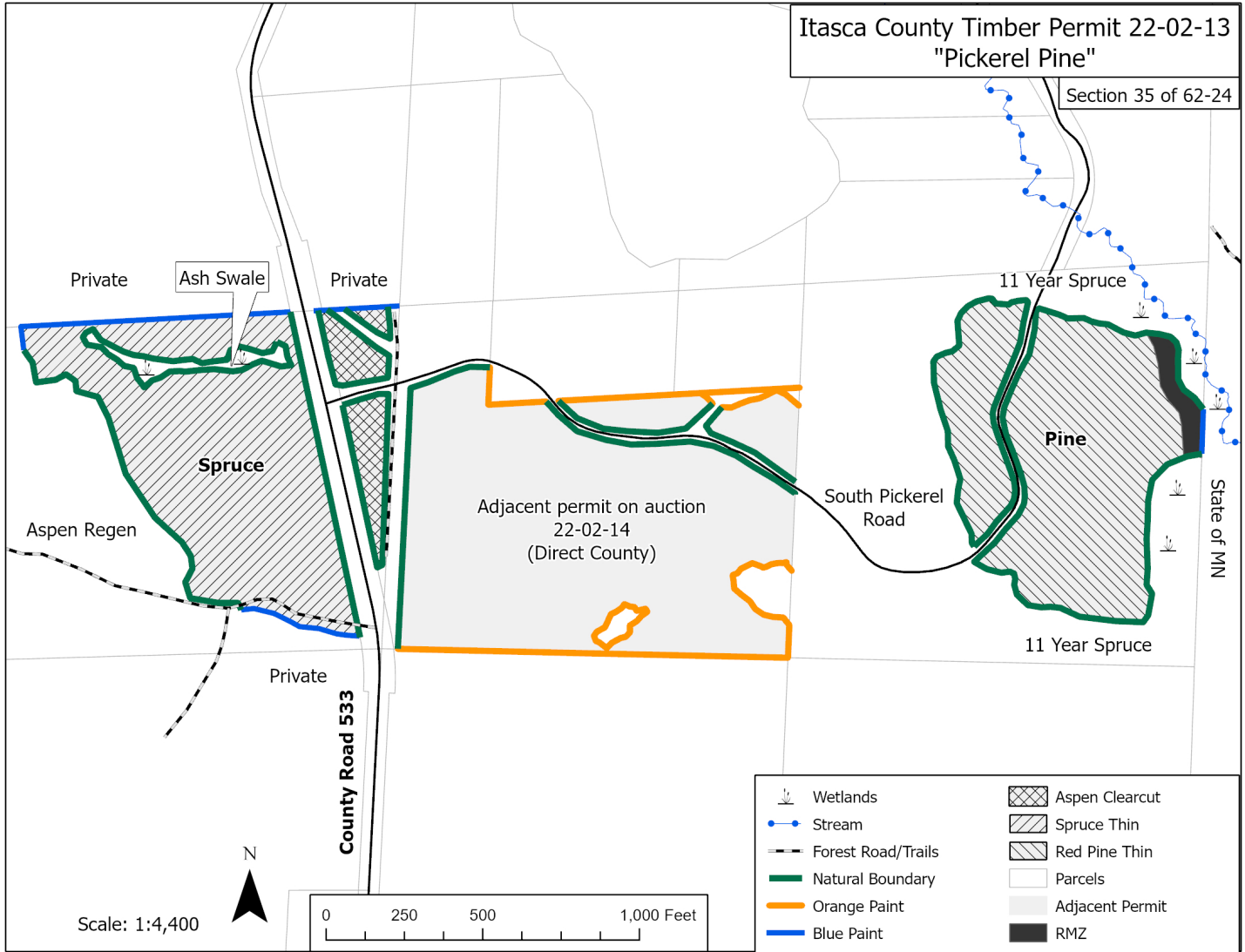
### Regeneration Plan

Due to nature of managed species and intermediate harvest, little to no tree regeneration is expected to occur within spruce or pine. Aspen blocks will be managed for natural regeneration of aspen and mixed hardwoods.

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**Site Map:**



Appraisal examined and approved by \_\_\_\_\_ Forester \_\_\_\_\_ Date

Appraisal examined and approved by \_\_\_\_\_ Land Department \_\_\_\_\_ Date