

Itasca County Timber Appraisal Report

Appraised By:
Nick Schreiber
Appraisal Date:
05/17/2022

Sale Type:
REGULAR AUCTION SALE
Auction Date:
12/08/2022

Appraisal Number: 22-03-13
Permit Number:
Expiration Date: 03/01/2026
Page: 1 of 3

Legal Description

RE Code	Sec.	Twp.	Rge.	City/Twp	Subd
61-033-3300	33	61	25	Unorganized	SW SW
60-008-1400	8	60	25	Unorganized	SE NE
60-004-3100	4	60	25	Unorganized	NE SW
60-008-4100	8	60	25	Unorganized	NE SE
60-005-4400	5	60	25	Unorganized	SE SE
60-004-3200	4	60	25	Unorganized	NW SW
60-008-1300	8	60	25	Unorganized	SW NE
60-008-1100	8	60	25	Unorganized	NE NE
60-009-3200	9	60	25	Unorganized	NW SW
60-008-1200	8	60	25	Unorganized	NW NE
60-009-2300	9	60	25	Unorganized	SW NW
60-009-2200	9	60	25	Unorganized	NW NW

Block 1 Species	Volume	Units	Unit Price	Value	Comments	Bolt %	Bid
Aspen	3,446	Cords	\$26.00	\$89,596.00	7-20" DBH, 3-8 sticks, good quality	30	^
Paper Birch	257	Cords	\$11.00	\$2,827.00	7-13" DBH, 3-6 sticks, 10% saw, good quality	35	^
Ash	223	Cords	\$12.00	\$2,676.00	7-13" DBH, 3-6 sticks, good quality	30	^
Balsam Fir	171	Cords	\$12.00	\$2,052.00	6-9" DBH, 2-4 sticks, fair quality	30	#
Spruce	81	Cords	\$25.00	\$2,025.00	8-12" DBH, 3-6 sticks, good quality (30% black spruce)	65	#
Tamarack	39	Cords	\$5.00	\$195.00	6-10" DBH, 3-5 sticks, good quality	50	#
White Pine	39	Cords	\$33.00	\$1,287.00	10-20" DBH, 5-8 sticks, 60% saw, good quality	20	#
Red Pine	26	Cords	\$45.00	\$1,170.00	10-18" DBH, 5-8 sticks, 60% saw, good quality	20	#
Balm	15	Cords	\$17.00	\$255.00	6-10" DBH, 3-5 sticks, poor quality	0	#

\$102,083.00 **Subtotal**

Total Cords = 4,297 **Total MBF: 0** \$102,083.00 **Total**

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, Balm , Balsam Fir, Paper Birch , Red Pine, Spruce , Tamarack , White Pine

Species SAE:

Operability: Dry Summer (60%): 7/1 - 9/15, Frozen Ground (40%): 12/1 - 3/1
Soil Type: Warba-Menahga Complex
Topography: Level to steep
Cutting Acres: 129.9

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

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Comments

Harvest Type: upland aspen clearcut with reserves (86 acres), lowland aspen/cedar clearcut with reserves (33 acres), ash clearcut with reserves (6 acres), ash thin (4 acres), tamarack clearcut with reserves (1 acre).

Harvest and Reserves

Reserve all non-hazardous snags, den trees, trees marked with an orange "R", basswood, oak, maple, elm, and yellow birch. In addition, in upland stands only, reserve all pine and spruce.

Access

State and private land must be crossed to access timber sale. Logger must obtain permits/permission from land owners. Snowmobile trail regulations in Itasca County Forest Management Guideline & Specifications apply. A minimum of two inches of compacted snow must remain on the trail as a running surface. Private/Easement road must be used to access the timber sale. Access road must be kept in good condition, as determined by administering forester, at all times. Southern block is 0.25 miles from Scenic Highway 7. Center block is 1.5 miles from Scenic Highway 7. Northern block is 2.5 miles from Scenic Highway 7.

Landings and Access Roads

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. Construction of any new roads and landings must be approved by sale administrator. Trails and landings need to be rehabilitated to a satisfactory condition, determined by administering forester, before performance bond is returned.

Cutting, Felling, and Skidding

Some steep slopes occur on this permit, which may require hand felling. Painted property boundaries have 3 orange circles or 1 orange dash with or without pink ribbon. Painted harvest boundaries have 3 orange dashes or 1 orange dash. Rest are natural boundaries. Upland aspen and tamarack stands, cut merchantable aspen. Cut 2 stick and greater tamarack, fir, balm of Gilead, and only ash 7" DBH and greater. Ash stands in the southern block, cut merchantable ash, fir, spruce, aspen, and paper birch. Thin to 50 BA. Favor the removal of largest diameter, poor quality, and damaged trees. In center block ash stand, cut all ash greater than 7" DBH as well as all merchantable fir, spruce, aspen, and paper birch. Lowland aspen/cedar stand, cut merchantable aspen, tamarack, fir, balm of Gilead, spruce, red pine, white pine, and paper birch. Cut ash only 7" DBH and greater. Cedar is optional to cut. Do not fell timber into wetlands from non-wetland areas or across sale boundaries. Do not disturb survey markers, including witness trees.

Site, Soil, and Water Protection

Filter strips require <5% soil disturbance within 50 feet of all wetlands. Roads and skid trails must be stabilized. This may involve installing water bars, strike outs, and/or mulching and seeding. Reserve all non-merchantable timber from upland stands within 15 feet of all wetlands. Minimum filter strip width is 50 feet for slopes <10%. Increase width by 2 feet for each slope percentage above 10%. Maximum filter strip width for steepest areas is 90 feet wide for this permit.

Slash Disposal

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

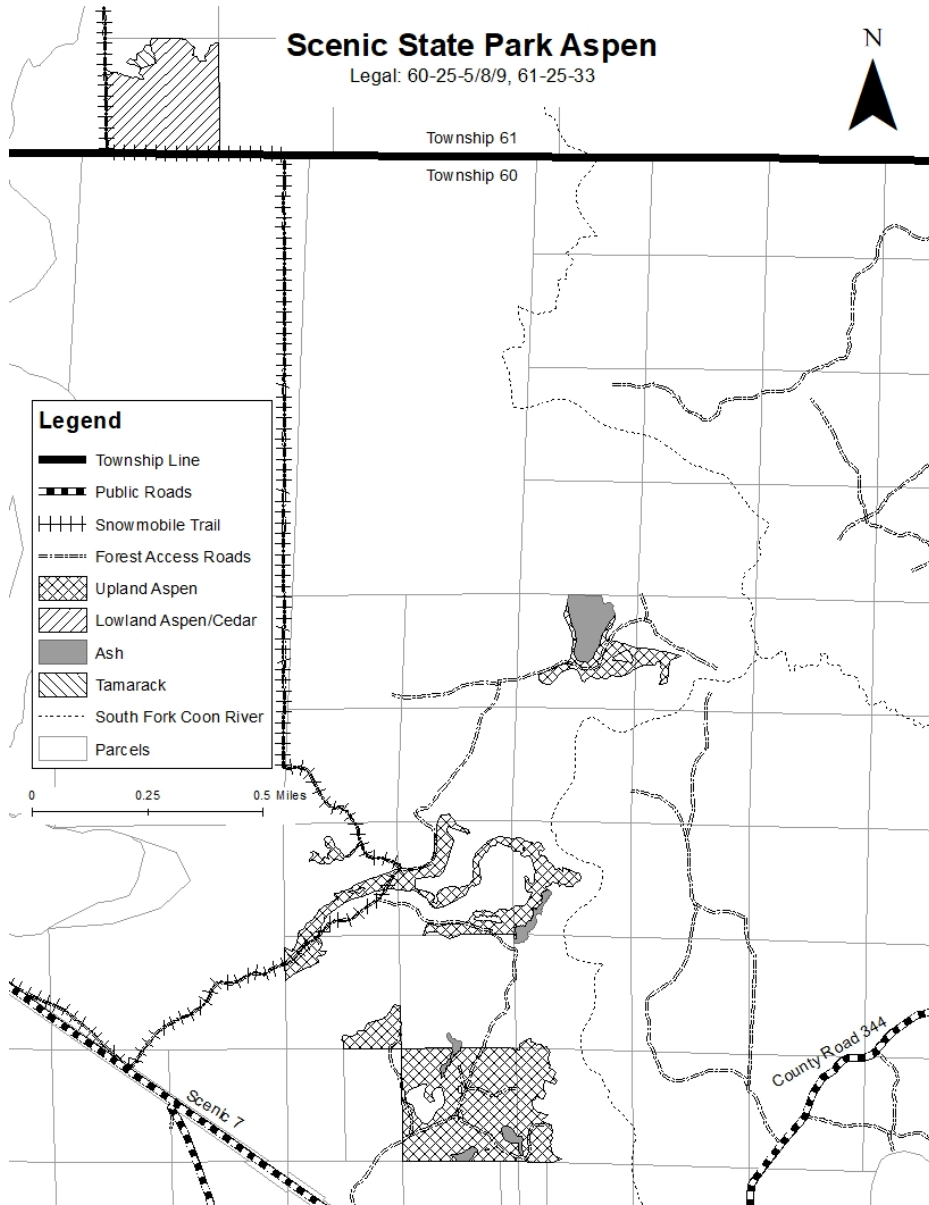
Regeneration Plan

Natural Regeneration.

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Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date