

Itasca County Timber Appraisal Report

Appraised By: Bob Rother Appraisal Date: 10/04/2019	Sale Type: INTERMEDIATE AUCTION Auction Date: 12/10/2019	Appraisal Number: 19-01-13 Permit Number: Expiration Date: 03/01/2022 Page: 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>
42-018-3600	18	53	22	Wawina	LOT 12
42-018-4300	18	53	22	Wawina	SW SE
42-019-1100	19	53	22	Wawina	NE NE
42-019-1200	19	53	22	Wawina	NW NE

<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>
Aspen	365	Cords	\$23.00	\$8,395.00	2-7 Stick, 5-15" DBH, Fair-Good Condition	30	^
Red Pine	105	Cords	\$30.00	\$3,150.00	6-8 Stick, 7-16" DBH, Good Condition, 20% Saw	60	^
Spruce	20	Cords	\$20.00	\$400.00	3-8 Stick, 7-21" DBH, Fair Condition, 5% Saw, 95% W. Spruce	60	#
Maple	5	Cords	\$8.00	\$40.00	2-5 Stick, 5-20" DBH, Fair Condition	0	*
Balsam Fir	5	Cords	\$13.00	\$65.00	2-6 Stick, 5-12" DBH, Fair Condition	30	*
Jack Pine	3	Cords	\$22.00	\$66.00	4-7 Stick, 7-12" DBH, Fair Condition	70	*
Ash	1	Cords	\$7.00	\$7.00	2-5 Stick, 5-9" DBH, Fair Condition	0	*
				\$12,123.00	Subtotal		
Total Cords =	504		Total MBF: 0	\$12,123.00	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: Aspen, Red Pine, Spruce
Species SAE: Ash, Balsam Fir, Jack Pine, Maple

Operability: Winter Chance - Frozen Ground: 12/1 - 3/1 **Soil Type:** Cowhorn loamy very fine sand
Topography: Level **Cutting Acres:** 19.0

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 = Aspen Clearcut with Reserves (10.8 ac), Operator Select 2nd Time Red Pine Thin (8.2 ac)

Harvest and Reserves
Aspen Clearcut: Reserve non-hazardous snags, oak, yellow birch, white pine, elm, white cedar, and 'R' painted trees.

Access
Pipeline crossing is required to access the timber sale. Contact Enbridge Energy (218-246-8570). Private road must be used to access the timber sale. Access road must be kept in good condition at all times. Private land must be crossed to access timber sale. Logger must obtain permission from land owner. 0.5 miles to U.S. Highway 2.

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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 before performance bond is returned.
 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

Clearcut Aspen types. Thin Red Pine Stand 1 from below to 110 basal area: select Jack Pine for removal first and then Red Pine. Thin Red Pine Stand 2 from below to 90 basal area: select White Spruce for removal first and then Red Pine.
 Do not damage reserve trees.
 Do not fell timber into wetlands or across sale boundaries.
 Harvest boundaries painted Orange Slashes (|||), shown sale map, or are natural boundaries. Property boundaries painted Orange Circles (oOo).
 Red Pine thins must be processed at the stump.

Slash Disposal

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

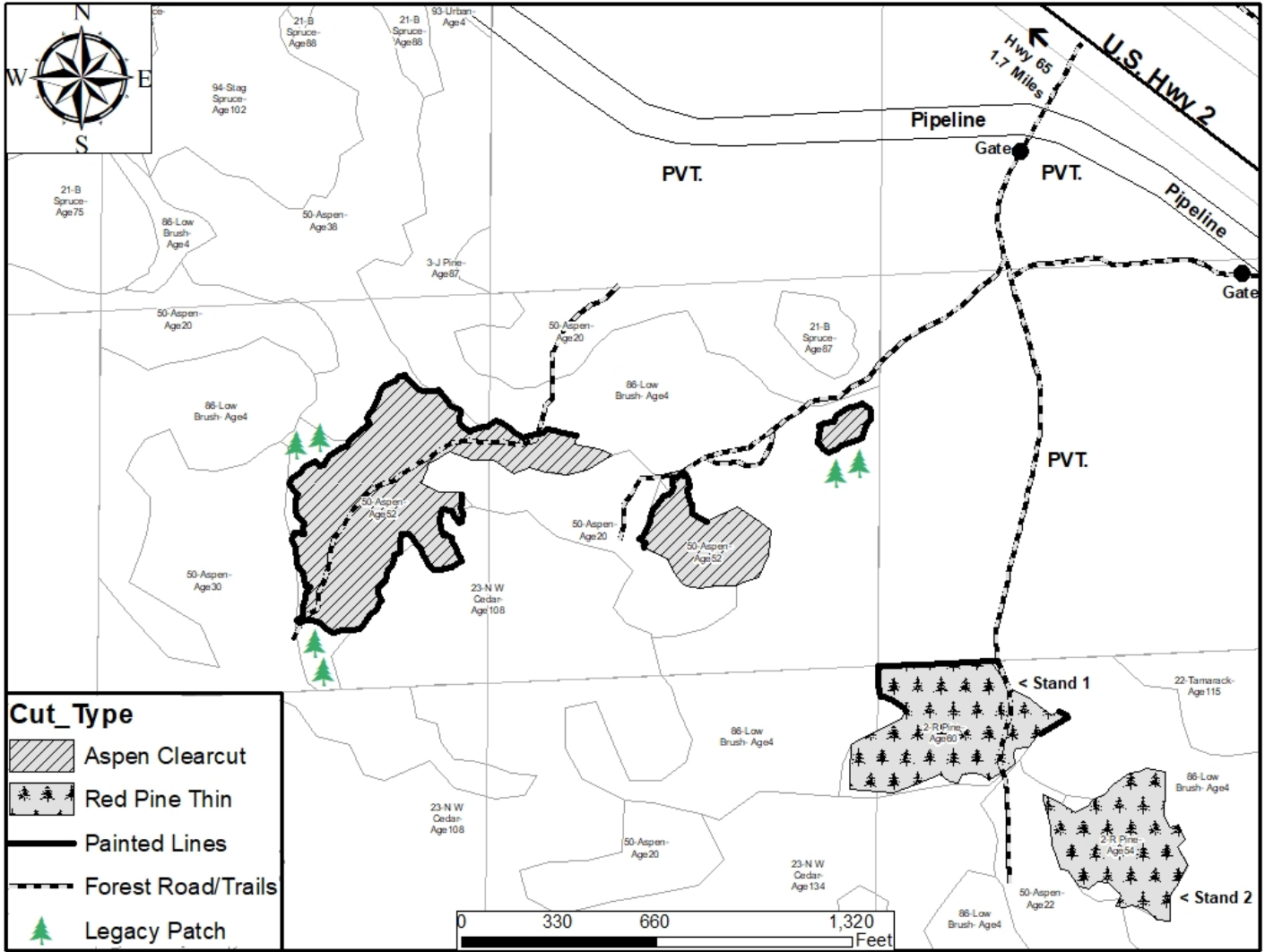
Regeneration Plan

Natural Regeneration to Aspen

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Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date