



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

NOTICE OF SALE OF STUMPAGE ON STATE LANDS IN THE FOLLOWING AREA:
BACKUS AREA

STATUS: COMPLETED
INTERMEDIATE AUCTION - SALE #2
ORAL BID

Notice is hereby given that I offered for sale at public auction in Backus, MN at 10:30 AM on Thursday, May 24, 2018, timber belonging to the State of Minnesota. All tracts were offered at the Cass County Land Department Building in Backus, MN.

All of the timber offered was SFI and FSC certified.

The following pages list the lands upon which the timber was located, the estimated quantities of timber offered, the appraised prices, and the bid prices.



The resource management of the Minnesota DNR's state forests and wildlife management areas meets the objectives of the SFI ® program (Certificate No. NSF-SFI-FM-6Y921) and the principles of the FSC ® certification standard (Certificate No. SCS-FM/COC-00088N).

FSC
100%



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY
INTERMEDIATE AUCTION
ORAL BID TIMBER SALE
BACKUS AREA

10:30 AM on May 24, 2018
Cass County Land Department Building in Backus, MN

TERMS OF SALE

- This auction sale will be held according to Minnesota Statutes Sections 90.101 and 90.14. Timber shall be offered and sold by the same unit of measure as it was appraised. Sale shall be made to whoever bids the highest price for all timber species advertised for bidding on each tract. Bidding over the appraised price shall be by increments of one (1) percent or more. The percent bid up will be added to the appraised price of each species indicated as a bid species by a plus symbol (+) on the Notice of Sale. Any or all bids may be rejected and sales canceled for good and sufficient reasons.

REGISTRATION AND ELIGIBLE BIDDERS

- Interested persons must be registered at least four (4) business days prior to the auction by submitting an *Annual Timber Sales Purchaser Registration* form. No bid will be accepted from anyone having a delinquent timber sale account or trespass account or a willful timber trespass with any public agency in Minnesota, or from anyone who does not qualify as a Responsible Bidder as defined in Minnesota Statutes § 90.01 (12), or from anyone who has been debarred for cause by any public agency [M.S. § 90.041 (11)]. Purchase is limited to registered persons or companies with 30 or fewer employees. No bidder may purchase more than twenty-five (25) percent of the tracts offered on the first round of bidding. Purchases or attempts to purchase tracts beyond the twenty-five (25) percent limit will result in the forfeiture of the down payment and loss of the tract.

DOWN PAYMENT

- Purchasers of timber must pay a down payment of fifteen (15) percent of the appraised value of the timber at the time the purchaser's bid is approved. The down payment will be kept on deposit by the State and applied against any billings for timber. The purchaser may elect to have the down payment refunded if they post security for one hundred (100) percent of the bid price of the timber (see Security Required). If the purchaser does not sign the permit document within 45 days of sale, the down payment will forfeit to the State. A permit signature extension of 10 business days may be granted, provided the purchaser pays a \$200 penalty.

BID GUARANTEE

- For any bid increase in excess of \$10,000 of the appraised price, a bid guarantee equal to fifteen (15) percent of the total bid price of the timber less the down payment amount is required at the time the permit is signed. If the bid guarantee is not submitted with the signed permit, the permit cancels, and the down payment forfeits to the State. If the permit holder fails to execute an effective permit, the bid guarantee payment forfeits to the State.

PURCHASER AND LOGGER QUALIFICATIONS AND OPERATIONS REQUIREMENTS

- The purchaser or the purchaser's agents, employees, subcontractors, and assigns conducting logging operations on a timber permit must comply with the general industry safety standards for logging (e.g., LogSafe) adopted by the Commissioner of Labor and Industry and provide proof of compliance with these standards. The purchaser or the purchaser's agents, employees, subcontractors, and assigns conducting logging operations on a timber permit must comply with the State of Minnesota mandatory insurance requirements before harvest operations begin. A *Certification of Compliance with the Minnesota Workers' Compensation Law* form must be submitted each year. Before the start of harvest operations, the purchaser must certify that a designated foreperson, who will be supervising active logging operations, has a current certificate of completion from a logger education program (e.g., MLEP or FISTA) approved by the Commissioner of Natural Resources.

SECURITY REQUIRED

- The purchaser must furnish security equal to the total bid value of the permit, LESS the amount paid as a down payment and bid guarantee. Security can be furnished in the following forms: Corporate surety bond, Letter of Credit, certified check, cashier's check, personal check, money order, or by signing a Cutting Block Payment Agreement for individual cutting blocks, at least one business day prior to the start of any permit operations. If the purchaser elects to receive a refund of the down payment and bid guarantee, they must furnish security in a form described above, for one hundred (100) percent of the total bid value of the timber purchased. If the deferred cash payment for cutting blocks is selected, the down payment and bid guarantee WILL NOT be refunded. If the purchaser elects to secure a permit by prepayment of cutting block(s), they must make a written request on a form provided by the state. No harvesting is permitted until proper security has been furnished to and approved by the Commissioner of Natural Resources or his agent.

PERMIT TERMS

- A permit to harvest and remove the timber from state lands will be issued to the purchaser. NO permit shall be issued to anyone other than the purchaser in whose name the bid was made. All timber purchased on the permit must be harvested prior to the permit expiration date. All permits provide for the continuous identification of timber from the time of cutting until delivery to the consumer. Failure to continuously identify the timber as specified in the permit shall constitute trespass. Also, please note all harvest specifications on each tract being sold. Only one Regular Extension is permitted for exceptional circumstances. An annual interest rate of 5 percent may be charged on a regular extension for the period of the extension.

UNSOLD TRACTS

- On the next regular business day (8:00 AM - 4:30 PM, Monday - Friday, except holidays) after the date of the auction sale, unsold tracts may be available for over-the-counter purchase at the appraised price for a period of no more than one year. Unless canceled for reoffer at an earlier date, unsold tracts will be available until May 24, 2019, at the following Area Headquarters: Backus Area. Beginning 30 days after the auction date, an unsold intermediate auction tract may be purchased by any registered responsible bidder, i.e., purchase is no longer limited to businesses with 30 or fewer employees.

TRACT X1

COUNTY: CROW WING

AREA: BACKUS AREA

ACRES: 26.0

Permit Number: X015971
Expiration Date: 05/31/2021

Purchased By: Shawn Fletcher Trucking Inc.
Address: 10545 Business 371, Brainerd, MN 56401

GL02,NWSE,SENE of Section 30 - Township 44, Range 28W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	WOODSRUN SAWTIMBER (SOFTWOOD ONLY)	135.00	Cd	42.25	5,703.75	42.25	5,703.75
+ TREMBLING ASPEN	PULPWOOD	79.00	Cd	15.60	1,232.40	15.60	1,232.40
+ RED OAK	PULPWOOD	60.00	Cd	11.70	702.00	11.70	702.00
RED MAPLE	PULPWOOD	31.00	Cd	8.45	261.95	8.45	261.95
BUR OAK	PULPWOOD	13.00	Cd	11.70	152.10	11.70	152.10
ASH	PULPWOOD	5.00	Cd	6.50	32.50	6.50	32.50
WHITE PINE	WOODSRUN SAWTIMBER (SOFTWOOD ONLY)	4.00	Cd	41.27	165.08	41.27	165.08
PAPER BIRCH	PULPWOOD	3.00	Cd	8.45	25.35	8.45	25.35
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$8,275.13	BID TOTAL = \$	8,275.13
				ADVANCE PAYMENT =	\$1,241.27		

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 180.00 Tons 1.00 180.00

Mixed Product Description:

Norway Pine Woodsrun Sawtimber (Softwood only) includes: Bolts 10%; Pulpwood 37%; Sawlog-Grade 3 53%.
White Pine Woodsrun Sawtimber (Softwood only) includes: Bolts 10%; Pulpwood 40%; Sawlog-Grade 3 50%.

Cutting and Felling:

- Harvest all aspen, birch, maple and all trees marked with orange paint in harvest area 1. Reserve all other species. In harvest area 2 harvest all sale species except for the white pine marked with orange paint.

Season of Operations:

- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve. For pine thinning operations the following restrictions apply to cut pine greater than 3 inch diameter:

December 1 to May 31: Pine cut in this period must be hauled or destroyed by June 1.

June 1 to August 31: Pine cut in this period must be hauled or destroyed within 3 weeks.

September 1 to November 30: No special restrictions for pine cut in this period.

- Conduct sale operations on dry/frozen soil conditions only, if accessing across private land. Access across state land will require frozen ground, except with written permission from State.

Sale Conditions:

- Access is across either private or state land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

Summer accessibility is available if access is granted across private property. State access will require frozen ground to cross wetland area.

The pine stand is approximately 1/3 windthrown.

Price Adjustments:

Road Construction Costs: -15%
Haul Distance to Nearest Mill: -10%
Stand Density: -10%
Operational Constraints: 0%
Other Price Factor: 0%

Appraiser:

William H. Salo

(Appraisal ID 13809-0; Cutting Block ID 16176-0)

TRACT X2

COUNTY: CROW WING

AREA: BACKUS AREA

ACRES: 40.0

Permit Number: X015972
Expiration Date: 05/31/2021

Purchased By: Shawn Fletcher Trucking Inc.
Address: 10545 Business 371, Brainerd, MN 56401

NESW,SENW,SESW,SWNE of Section 16 - Township 45, Range 29W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	PULP & BOLTS	390.00	Cd	16.80	6,552.00	16.80	6,552.00
+ OAK SPECIES	PULPWOOD	105.00	Cd	12.60	1,323.00	12.60	1,323.00
TAMARACK	PULPWOOD	60.00	Cd	5.60	336.00	5.60	336.00
BLACK SPRUCE	PULPWOOD	35.00	Cd	13.30	465.50	13.30	465.50
RED MAPLE	PULPWOOD	22.00	Cd	9.10	200.20	9.10	200.20
PAPER BIRCH	PULPWOOD	20.00	Cd	9.10	182.00	9.10	182.00
ASH	PULPWOOD	3.00	Cd	7.00	21.00	7.00	21.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$9,079.70	BID TOTAL = \$ 9,079.70
				ADVANCE PAYMENT =		\$1,361.96	

Optional Timber (may be purchased with an Added Timber Agreement):

TAMARACK	FUELWOOD	75.00	Cd	2.50	187.50
ANY LISTED SPECIES	BIOMASS	271.00	Tons	1.00	271.00

Mixed Species Description:

Aspen Species Pulp & Bolts includes: Largetooth Aspen 80%; Trembling Aspen 20%.
Oak Species Pulpwood includes: Bur Oak 1%; Red Oak 99%.

Mixed Product Description:

Aspen Species Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

Cutting and Felling:

- Harvest all merchantable aspen, red oak, paper birch, maple in southern cutting area and harvest all paper birch, non-painted tamarack, black spruce, and ash in northern cutting area.
- Reserve all Norway pine in southern cutting area. In northern cutting area reserve approx 8-12, mature, healthy, tamarack trees/acre with preference given to those trees marked with yellow paint.

Season of Operations:

- Conduct sale operations on dry/frozen soil conditions on upland cutting area (southern cutting area), and frozen only conditions in lowland tamarack cutting area (northern cutting area).

Slash Disposal:

- Biomass is not allowed in lowland (northern cutting area). Quantity of biomass was calculated only for the upland (southern) cutting area.

Sale Conditions:

- Access is across private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

Sale is located in Section 16 Nokay Lake township, Crow Wing Co.
Best access to sale is off of Nokay Town Hall Rd, across .5 mile of private land with existing access trail.
Biomass quantity is based on upland(southern) cutting area only. No Biomass removal from lowland cutting area is allowed.
55% of standing Tamarack is dead, and offered as Optional Fuelwood.

Price Adjustments:

Road Construction Costs: -10%
Haul Distance to Nearest Mill: 0%
Stand Density: -10%
Operational Constraints: -10%
Other Price Factor: 0%

Appraiser:

Craig A. Schultz

(Appraisal ID 13802-0; Cutting Block ID 16177-0)

TRACT X3

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 25.0

Permit Number: X015973
Expiration Date: 05/31/2021

Purchased By: Edin Logging Inc.
Address: 16568 - 235th Ave, Staples, MN 56479

SESW,SWSW of Section 16 - Township 134, Range 30W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	PULPWOOD	690.00	Cd	31.20	21,528.00	31.20	21,528.00
+ PAPER BIRCH	PULPWOOD	105.00	Cd	16.90	1,774.50	16.90	1,774.50
RED MAPLE	PULPWOOD	19.00	Cd	16.90	321.10	16.90	321.10
ASH	PULPWOOD	14.00	Cd	13.00	182.00	13.00	182.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$23,805.60	BID TOTAL = \$ 23,805.60
				ADVANCE PAYMENT =		\$3,570.84	

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 508.00 Tons 1.00 508.00

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 82%; Trembling Aspen 18%.

Cutting and Felling:

- Harvest all aspen, birch, maple and ash.

Season of Operations:

- No sale operations allowed between May 1st and June 30th , without written permission from State.
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across state land.
- Notice to begin harvest must be given at least five working days prior to the date they will commence roading operations due to recreation trail, between December 1st and March 31st.

Marketing Conditions:

Aspen will average 7-9" dbh and 5-6 sticks.
 Birch will average 5-6" dbh and 3 sticks.
 An existing landing is located on the northwest corner of the sale and the access road runs along the north end of the cutting block.

Price Adjustments:

- Road Construction Costs: +10%
- Haul Distance to Nearest Mill: +10%
- Stand Density: +10%
- Operational Constraints: 0%
- Other Price Factor: 0%

Appraiser:

William H. Salo

TRACT X4

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 28.9

Permit Number: X015974
Expiration Date: 05/31/2021

Purchased By:
Address:

UNSOLD

NENW,NWNW,SENW,SWNW of Section 36 - Township 135, Range 31W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	PULPWOOD	253.00	Cd	20.40	5,161.20	20.40	5,161.20
+ PAPER BIRCH	PULP & BOLTS	74.00	Cd	11.76	870.24	11.76	870.24
+ OAK SPECIES	PULP & BOLTS	52.00	Cd	16.25	845.00	16.25	845.00
RED MAPLE	PULPWOOD	33.00	Cd	11.05	364.65	11.05	364.65
ASH	PULPWOOD	15.00	Cd	8.50	127.50	8.50	127.50
BASSWOOD	PULPWOOD	13.00	Cd	6.80	88.40	6.80	88.40

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$7,456.99 BID TOTAL = \$ 7,456.99
ADVANCE PAYMENT = \$1,118.55

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 255.00 Tons 1.00 255.00

Mixed Species Description:

Oak Species Pulp & Bolts includes: Bur Oak 2%; Red Oak 98%.

Mixed Product Description:

Oak Species Pulp & Bolts includes: Bolts 14%; Pulpwood 86%.

Paper Birch Pulp & Bolts includes: Bolts 12%; Pulpwood 88%.

Cutting and Felling:

- Harvest regulations in cutting area 1, harvest all birch and all trees marked with orange paint. In cutting areas 2,3 and 4 harvest all aspen, birch, maple and basswood.

Season of Operations:

- No sale operations allowed between March 31st and December 1st due to access through the WMA , without written permission from State.
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

The landing location is located outside of the sale area due to terrain and longer skids will be needed to reach landing area. Access route is existing but will need to be upgraded.

Aspen will average 12" dbh and 6 sticks.

Oak will average 9" dbh and 5 sticks.

Birch will average 9" dbh and 4 sticks.

Price Adjustments:

Road Construction Costs: -10%

Haul Distance to Nearest Mill: +10%

Stand Density: -5%

Operational Constraints: -10%

Other Price Factor: 0%

Appraiser:

William H. Salo

(Appraisal ID 13439-0; Cutting Block ID 15704-0)

TRACT X5

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 30.0

Permit Number: X015975
Expiration Date: 05/31/2021

Purchased By: Haverinen Brothers Logging
Address: 10097 - 350th St, Menahga, MN 56464

SESE,SWSE of Section 14 - Township 135, Range 31W.
NWNE,NWSE,SWNE of Section 21 - Township 135, Range 31W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	PULP & BOLTS	410.00	Cd	24.00	9,840.00	24.00	9,840.00
+ MAPLE SPECIES	PULPWOOD	72.00	Cd	13.00	936.00	13.00	936.00
+ PAPER BIRCH	PULP & BOLTS	60.00	Cd	14.19	851.40	14.19	851.40
BASSWOOD	PULP & BOLTS	50.00	Cd	11.96	598.00	11.96	598.00
ASH	PULPWOOD	11.00	Cd	10.00	110.00	10.00	110.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$12,335.40	BID TOTAL = \$	12,335.40
				ADVANCE PAYMENT =	\$1,850.31		

Mixed Species Description:

Aspen Species Pulp & Bolts includes: Largetooth Aspen 84%; Trembling Aspen 16%.
Maple Species Pulpwood includes: Red Maple 93%; Sugar Maple 7%.

Mixed Product Description:

Aspen Species Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
Basswood Pulp & Bolts includes: Bolts 66%; Pulpwood 34%.
Paper Birch Pulp & Bolts includes: Bolts 17%; Pulpwood 83%.

Cutting and Felling:

- Harvest all merchantable paper birch, aspen, maple, basswood, and ash species (Cutting Blocks 1 and 2).
- Reserve all oak species and any conifer species (Cutting Blocks 1 and 2).

Season of Operations:

- No sale operations allowed during firearms / muzzleloader deer seasons (Cutting Blocks 1 and 2).
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).

Slash Disposal:

- Lop and scatter slash evenly over the harvest site to within 2 feet of the ground (Cutting Blocks 1 and 2).
- Biomass harvest is not allowed on this permit (Cutting Blocks 1 and 2).

Landings Roads and Trails:

- The location and construction of all trails & landings must be pre-approved by the State (Cutting Block 2).
- Haul roads must be regularly maintained in a safe and usable condition (Cutting Block 2).
- Haul roads will be restored to pre-sale conditions (Cutting Block 2).

Sale Conditions:

- Access is across State land (Cutting Block 2).
- Access is across private land (Cutting Block 1).
- Permission to cross private land must be obtained by permittee (Cutting Block 1).

Marketing Conditions:

Sale is located within the Meadowbrook Wildlife Management Area (WMA), southeast of Leader, MN.
Best access for stand on westside of WMA is across private land.
Approx. 3 miles of WMA trails provide access to the north-eastern block
Biomass harvest not allowed, per direction of Division of Wildlife.

Price Adjustments:

Road Construction Costs: -5%
Haul Distance to Nearest Mill: +10%
Stand Density: -5%
Operational Constraints: 0%
Other Price Factor: 0%

Appraiser:

Craig A. Schultz

(Appraisal ID 13779-0; Cutting Block ID 15899-0, 15898-0)

TRACT X6

COUNTY: CROW WING

AREA: BACKUS AREA

ACRES: 6.0

Permit Number: X015976
Expiration Date: 05/31/2021

Purchased By:
Address:

UNSOLD

SESE,SWSE of Section 16 - Township 136, Range 25W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	PULPWOOD	185.00	Cd	19.20	3,552.00	19.20	3,552.00
+ BID SPECIES	* SOLD ON APPRAISED VOLUME			APPRAISED TOTAL =	\$3,552.00	BID TOTAL = \$	3,552.00
				ADVANCE PAYMENT =	\$532.80		

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES	BIOMASS	100.00	Tons	1.00	100.00
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Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 40%; Trembling Aspen 60%.

Cutting and Felling:

- Harvest all aspen species.
- Reserve all oak species.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.
- Frozen ground access across private and state.

Landings Roads and Trails:

- The location and construction of all roads, landings and water crossings must be pre-approved by the State.

Sale Conditions:

- Access is across private and state land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

The sale is located 14 miles north and east of Crosby, MN off of Spruce Grove Rd. The access to state land is down a dirt road on private land for 1 mile. A .5 mile road will have to be froze down on marsh/swamp grass to reach the sale. A ditch, approximately 5 feet wide, will need to be crossed using an ice/snow bridge or billets. Must get approval from TSA.

Price Adjustments:

- Road Construction Costs: -15%
- Haul Distance to Nearest Mill: 0%
- Stand Density: +5%
- Operational Constraints: -10%
- Other Price Factor: 0%

Appraiser:

Cody Crawford

TRACT X7

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 19.9

Permit Number: X015977

Expiration Date: 05/31/2021

Purchased By: Haverinen Brothers Logging

Address: 10097 - 350th St, Menahga, MN 56464

NWNE,SENE,SESE of Section 25 - Township 137, Range 32W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 2	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	PULPWOOD	385.00	Cd	21.60	8,316.00	22.03	8,481.55
+ NORTHERN HARDWOODS	PULP & BOLTS	90.00	Cd	11.97	1,077.30	12.21	1,098.90
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$9,393.30	BID TOTAL = \$	9,580.45
				ADVANCE PAYMENT =	\$1,409.00		

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 228.00 Tons 1.00 228.00

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 80%; Trembling Aspen 20%.

Northern Hardwoods Pulp & Bolts includes: Basswood 11%; Paper Birch 61%; Red Maple 23%; Sugar Maple 5%.

Mixed Product Description:

Northern Hardwoods Pulp & Bolts includes: Bolts 12%; Pulpwood 88%.

Cutting and Felling:

- Harvest aspen, basswood, paper birch, and maple.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across State and possibly private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

Existing access routes will need to be constructed / improved for hauling.

Notice to begin roading operations must be given at least five working days prior due to snowmobile trail.

Sale is located south of Spider lake forest road and west of Snoway 1.

Price Adjustments:

Road Construction Costs: 0%

Haul Distance to Nearest Mill: 0%

Stand Density: 0%

Operational Constraints: -10%

Other Price Factor: 0%

Appraiser:

Brody J. Geiselman

TRACT X8

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 32.0

Permit Number: X015978
Expiration Date: 05/31/2021

Purchased By: Haverinen Brothers Logging
Address: 10097 - 350th St, Menahga, MN 56464

SESE of Section 11; SWSW of Section 12 - Township 139, Range 26W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ OAK SPECIES	PULP & BOLTS	360.00	Cd	16.64	5,990.40	16.64	5,990.40
+ TREMBLING ASPEN	PULPWOOD	105.00	Cd	19.20	2,016.00	19.20	2,016.00
+ PAPER BIRCH	PULP & BOLTS	85.00	Cd	12.64	1,074.40	12.64	1,074.40
+ ASH	PULP & BOLTS	80.00	Cd	10.24	819.20	10.24	819.20
	BASSWOOD	50.00	Cd	6.40	320.00	6.40	320.00
	MAPLE SPECIES	35.00	Cd	10.40	364.00	10.40	364.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$10,584.00 BID TOTAL = \$ 10,584.00
ADVANCE PAYMENT = \$1,587.60

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 425.00 Tons 1.00 425.00

Mixed Species Description:

Maple Species Pulpwood includes: Red Maple 75%; Sugar Maple 25%.
Oak Species Pulp & Bolts includes: Bur Oak 70%; Red Oak 30%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Oak Species Pulp & Bolts includes: Bolts 35%; Pulpwood 65%.
Paper Birch Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

Cutting and Felling:

- Harvest all aspen, birch, maple, oak species, ash and basswood.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.
- Frozen ground access across State and county land.

Sale Conditions:

- Permission to cross county land must be obtained by permittee.

Marketing Conditions:

Sale is located in the Land O Lakes State Forest, east of outing on CR 58 and north off of Charlie's Road along the powerline corridor.

Price Adjustments:

Road Construction Costs: -10%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: -10%
Other Price Factor: 0%

Appraiser:

Darren S. Bundy

TRACT X9

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 52.2

Permit Number: X015979
Expiration Date: 05/31/2021

Purchased By: Sawyer Timber Co., LLP
Address: PO Box 13, Backus, MN 56435-0013

NESE,NWSE,SENE,SESE,SWNE,SWSE of Section 33 - Township 139, Range 31W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 105	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ OAK SPECIES	PULP & BOLTS	392.00	Cd	23.50	9,212.00	48.18	18,886.56
+ ASPEN SPECIES	PULPWOOD	248.00	Cd	28.80	7,142.40	59.04	14,641.92
+ PAPER BIRCH	PULP & BOLTS	242.00	Cd	18.55	4,489.10	38.03	9,203.26
+ MAPLE SPECIES	PULPWOOD	184.00	Cd	15.60	2,870.40	31.98	5,884.32
ASH	PULP & BOLTS	20.00	Cd	15.36	307.20	15.36	307.20
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$24,021.10	BID TOTAL = \$ 48,923.26
				ADVANCE PAYMENT =		\$3,603.17	

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 656.00 Tons 1.00 656.00

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 80%; Trembling Aspen 20%.
Maple Species Pulpwood includes: Red Maple 10%; Sugar Maple 90%.
Oak Species Pulp & Bolts includes: Bur Oak 10%; Red Oak 90%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Oak Species Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Paper Birch Pulp & Bolts includes: Bolts 35%; Pulpwood 65%.

Cutting and Felling:

- Harvest aspen, oak, paper birch, maple, and ash.
- Reserve all black cherry, norway pine, white pine, spruce, and any YELLOW painted trees.

Season of Operations:

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across State land.

Marketing Conditions:

Sale is located near intersection of State 87 and Pine Mountain Forest Road.
Easterly most piece has summer chance access only if crossing private land, otherwise frozen ground access only.
Permission to cross private is permittee responsibility.

Price Adjustments:

Road Construction Costs: +10%
Haul Distance to Nearest Mill: 0%
Stand Density: +10%
Operational Constraints: 0%
Other Price Factor: 0%

Appraiser:

Brody J. Geiselman

TRACT X10

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 24.0

Permit Number: X015980
Expiration Date: 05/31/2021

Purchased By: Michele N. Putnam
Address: 1051 N Hunter Lake Rd, Longville, MN 56655

NESE,SENE,SWNE of Section 17 - Township 140, Range 25W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 4	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ RED OAK	PULP & BOLTS	325.00	Cd	20.72	6,734.00	21.55	7,003.75
+ BASSWOOD	PULP & BOLTS	265.00	Cd	10.46	2,771.90	10.88	2,883.20
+ MAPLE SPECIES	PULPWOOD	195.00	Cd	13.00	2,535.00	13.52	2,636.40
PAPER BIRCH	PULP & BOLTS	36.00	Cd	15.73	566.28	15.73	566.28
ASH	PULP & BOLTS	25.00	Cd	11.40	285.00	11.40	285.00
TREMBLING ASPEN	PULPWOOD	25.00	Cd	24.00	600.00	24.00	600.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$13,492.18 BID TOTAL = \$ 13,974.63
ADVANCE PAYMENT = \$2,023.83

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 600.00 Tons 1.00 600.00

Mixed Species Description:

Maple Species Pulpwood includes: Red Maple 40%; Sugar Maple 60%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Basswood Pulp & Bolts includes: Bolts 41%; Pulpwood 59%.
Paper Birch Pulp & Bolts includes: Bolts 39%; Pulpwood 61%.
Red Oak Pulp & Bolts includes: Bolts 34%; Pulpwood 66%.

Cutting and Felling:

- Harvest all red oak, paper birch, basswood, ash, trembling aspen, and maple species.
- Reserve all bur oak and orange marked trees.
- Full tree skidding required, for silvicultural purposes.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

Landings Roads and Trails:

- The location and construction of all roads and landings must be pre-approved by the State.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

The sale is located north and east of Outing, MN 13 miles off of CR 161, on state land travel 1 mile south on MMR 1616.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: +10%
Operational Constraints: -10%
Other Price Factor: 0%

Appraiser:

Cody Crawford

(Appraisal ID 13670-0; Cutting Block ID 16051-0)

TRACT X11

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 14.2

Permit Number: X015981

Expiration Date: 05/31/2021

Purchased By: Rajala Timber Company

Address: PO Box 217, Deer River, MN 56636

SESE of Section 7 - Township 140, Range 26W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PINE SPECIES	PULP & BOLTS	142.00	Cd	24.82	3,524.44	24.82	3,524.44
+ SPRUCE-BALSAM	PULPWOOD	14.00	Cd	14.83	207.62	14.83	207.62
MIXED HARDWOODS	PULPWOOD	7.00	Cd	17.37	121.59	17.37	121.59
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$3,853.65	BID TOTAL = \$	3,853.65
				ADVANCE PAYMENT =	\$578.05		

Mixed Species Description:

Mixed Hardwoods Pulpwood includes: Paper Birch 40%; Red Oak 5%; Trembling Aspen 55%.
Pine Species Pulp & Bolts includes: Jack Pine 3%; Norway Pine 96%; White Pine 1%.
Spruce-Balsam Pulpwood includes: Balsam Fir 26%; White Spruce 74%.

Mixed Product Description:

Pine Species Pulp & Bolts includes: Bolts 62%; Pulpwood 38%.

Cutting and Felling:

- Harvest only orange painted trees.

Season of Operations:

- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve. For pine thinning operations the following restrictions apply to cut pine greater than 3 inch diameter:

December 1 to May 31: Pine cut in this period must be hauled or destroyed by June 1.

June 1 to August 31: Pine cut in this period must be hauled or destroyed within 3 weeks.

September 1 to November 30: No special restrictions for pine cut in this period.

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

This sale is south of County Rd. 7 and west off of Thunder Lake Lodge Dr. NE. Access is across private land. This sale is a marked pine thinning and also a first entry. The south end of the stand is dense with norway pine and the north end is less dense with mixed blowdown.

If skidding, care will need to be taken around reserve trees. Trees may have to be cut into shorter lengths to ensure no damage to residuals.

Appraiser is Jake Corty

Price Adjustments:

Road Construction Costs: 0%

Haul Distance to Nearest Mill: 0%

Stand Density: -10%

Operational Constraints: 0%

Other Price Factor: 0%

Appraiser:

Darren S. Bundy

(Appraisal ID 13627-0; Cutting Block ID 15866-0)

TRACT X12

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 46.7

Permit Number: X015982
 Expiration Date: 05/31/2021

Purchased By: Michael H. Rieger
 Address: 61559 Co. Road 26, Northome, MN 56661

GL05, GL06, GL07 of Section 18 - Township 140, Range 31W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 57	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	PULPWOOD	297.00	Cd	24.00	7,128.00	37.68	11,190.96
+ NORTHERN HARDWOODS	PULP & BOLTS	111.00	Cd	14.26	1,582.86	22.39	2,485.29
+ OAK SPECIES	PULPWOOD	110.00	Cd	18.00	1,980.00	28.26	3,108.60
+ PINE SPECIES	PULP & BOLTS	81.00	Cd	17.88	1,448.28	28.07	2,273.67
ASH	PULP & BOLTS	17.00	Cd	11.40	193.80	11.40	193.80
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$12,332.94	BID TOTAL = \$ 19,252.32
				ADVANCE PAYMENT =		\$1,849.94	

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 290.00 Tons 1.00 290.00

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 75%; Trembling Aspen 25%.
 Northern Hardwoods Pulp & Bolts includes: Paper Birch 90%; Red Maple 10%.
 Oak Species Pulpwood includes: Bur Oak 90%; Red Oak 10%.
 Pine Species Pulp & Bolts includes: Jack Pine 58%; Norway Pine 42%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
 Northern Hardwoods Pulp & Bolts includes: Bolts 18%; Pulpwood 82%.
 Pine Species Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

Cutting and Felling:

- Harvest maple, paper birch, oak, aspen, ash, and jack pine in clear cut area. In thinning area, harvest all YELLOW painted trees.
- In pine thinning area, forwarding or tree length skidding only. No skidding with branches allowed and trees may have to be cut into shorter lengths before skidding.

Season of Operations:

- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve. For pine thinning operations the following restrictions apply to cut pine greater than 3 inch diameter:

December 1 to May 31: Pine cut in this period must be hauled or destroyed by June 1.
 June 1 to August 31: Pine cut in this period must be hauled or destroyed within 3 weeks.
 September 1 to November 30: No special restrictions for pine cut in this period.
 - Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.
 - Operate during non-rutting soil conditions. Refer to DNR rutting guidelines.

Sale Conditions:

- Access is across State land.

Marketing Conditions:

Sale is located SW of Ten Mile lake near Crystal lake.

Pine thinning in area of sale. Processing of trees in the woods might be needed.

Price Adjustments:

Road Construction Costs: +5%
Haul Distance to Nearest Mill: 0%
Stand Density: -5%
Operational Constraints: 0%
Other Price Factor: 0%

Appraiser:

Brody J. Geiselman

(Appraisal ID 13621-0; Cutting Block ID 15956-0)

TRACT X13

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 39.0

Permit Number: X015983
Expiration Date: 05/31/2021

Purchased By:
Address:

UNSOLD

GL04, GL06 of Section 7 - Township 141, Range 28W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PAPER BIRCH	PULP & BOLTS	180.00	Cd	12.08	2,174.40	12.08	2,174.40
+ OAK SPECIES	PULP & BOLTS	178.00	Cd	15.68	2,791.04	15.68	2,791.04
+ MAPLE SPECIES	PULPWOOD	96.00	Cd	10.40	998.40	10.40	998.40
+ BASSWOOD	PULP & BOLTS	84.00	Cd	8.32	698.88	8.32	698.88
+ ASPEN SPECIES	PULPWOOD	69.00	Cd	19.20	1,324.80	19.20	1,324.80
ASH	PULP & BOLTS	7.00	Cd	10.24	71.68	10.24	71.68

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$8,059.20 BID TOTAL = \$ 8,059.20
ADVANCE PAYMENT = \$1,208.88

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 363.00 Tons 1.00 363.00

Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 70%; Trembling Aspen 30%.
Maple Species Pulpwood includes: Red Maple 45%; Sugar Maple 55%.
Oak Species Pulp & Bolts includes: Bur Oak 7%; Red Oak 93%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Basswood Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Oak Species Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Paper Birch Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

Cutting and Felling:

- Harvest all Red Oak, Bur Oak <12" dbh, Ash species, Paper Birch, Aspen species, Basswood and Maple species.
Harvest only orange painted trees within the RMZ.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.
- Frozen ground access across private from the north is the shortest access for both cutting areas. The west cutting area has additional access across County, Tribal and USFS from the south off the Old Grade. The east stand would also require crossing USFS land in addition to the private land from the north.

Landings Roads and Trails:

- Due to snowmobile trail on the Old Grade a minimum of 5 weekdays notice prior to road operations is required if this route is to be used.

Sale Conditions:

- Access is across private land from the north for both cutting areas. Additional access to the west cutting area from the south requires crossing USFS, tribal and county land. The east cutting area would also require crossing USFS land.
- Permission to cross private, county and tribal land must be obtained by permittee.

Marketing Conditions:

The west cutting area has possible access from the north across private land or access from the south across County,

USFS and tribal lands. Access to the east cutting area is across private and USFS lands.

Both cutting areas are clear cut with reserves and have RMZ's with orange painted trees leaving approximately 60 sqft. basal area or greater.

Appraiser is Jake Corty

Price Adjustments:

Road Construction Costs: -15%
Haul Distance to Nearest Mill: +5%
Stand Density: 0%
Operational Constraints: -10%
Other Price Factor: 0%

Appraiser:

Darren S. Bundy

(Appraisal ID 13677-0; Cutting Block ID 15708-0)

TRACT X14

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 24.8

Permit Number: X015984
Expiration Date: 05/31/2021

Purchased By: Rajala Timber Company
Address: PO Box 217, Deer River, MN 56636

NESW,NWNW,NWSW,SEnw,SWNW of Section 16 - Township 142, Range 26W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 60	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	PULPWOOD	559.00	Cd	26.40	14,757.60	42.24	23,612.16
+ NORTHERN HARDWOODS	PULPWOOD	118.00	Cd	13.09	1,544.62	20.94	2,470.92
OAK SPECIES	PULPWOOD	32.00	Cd	19.80	633.60	19.80	633.60
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$16,935.82	BID TOTAL = \$ 26,716.68
				ADVANCE PAYMENT =		\$2,540.37	

Optional Timber (may be purchased with an Added Timber Agreement):

ANY LISTED SPECIES BIOMASS 441.00 Tons 1.00 441.00

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 2%; Largetooth Aspen 38%; Trembling Aspen 60%.
Northern Hardwoods Pulpwood includes: Basswood 22%; Paper Birch 46%; Red Maple 32%.
Oak Species Pulpwood includes: Bur Oak 12%; Red Oak 88%.

Cutting and Felling:

- Harvest all Aspen species, Oak species, Maple species, Paper Birch and Basswood.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Marketing Conditions:

Access is off of Cass County Rd. 4 approximately 6.5 miles from Remer. There is an existing road that runs along the south border of the stand and an old landing is on this road within 100 yards of County Rd. 4.
This will be a clear cut with some scattered reserve trees.

Appraiser is Jake Corty and Darren Bundy.

Price Adjustments:

Road Construction Costs: +10%
Haul Distance to Nearest Mill: +5%
Stand Density: +5%
Operational Constraints: -10%
Other Price Factor: 0%

Appraiser:

Darren S. Bundy

TRACT X15

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 84.0

Permit Number: X015985
Expiration Date: 05/31/2021

Purchased By:
Address:

UNSOLD

SWNW of Section 1; NESE,SENE,SESE,SWSE of Section 2 - Township 143, Range 26W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TAMARACK	WOODSRUN MIXED PRODUCTS	1,344.00	Cd	8.60	11,558.40	8.60	11,558.40
+ BLACK SPRUCE	WOODSRUN CORDWOOD	336.00	Cd	15.30	5,140.80	15.30	5,140.80
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$16,699.20	BID TOTAL = \$	16,699.20
				ADVANCE PAYMENT =	\$2,504.88		

Mixed Product Description:

Tamarack Woodsrun Mixed Products includes: Bolts 26%; Pulpwood 74%.

Cutting and Felling:

- Harvest all tamarack and black spruce.
- Fell all live black spruce equal to or greater than 5 feet tall.
- Reserve cedar and 2-3, well formed, healthy and dominant tamarack seed trees per acre.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.
- Frozen ground access across state.

Landings Roads and Trails:

- The location and construction of all roads and landings must be pre-approved by the State.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

This sale is located 11 miles southwest of Deer River, MN off of 72nd Ave NE in the Mud/Goose WMA. Sale contains a lot of lowland cedar throughout the stand that the operator will need to work around. Removal of limited amounts of cedar for access will be allowed, as designated by TSA.

Price Adjustments:

- Road Construction Costs: 0%
- Haul Distance to Nearest Mill: 0%
- Stand Density: 0%
- Operational Constraints: -10%
- Other Price Factor: 0%

Appraiser:

Cody Crawford

TRACT X16

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 65.7

Permit Number: X015986
Expiration Date: 05/31/2021

Purchased By:
Address:

UNSOLD

GL02 of Section 6 - Township 143, Range 27W.

NESE,NWSE,SENE,SESE,SESW,SWNE,SWSE of Section 31 - Township 144, Range 27W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TAMARACK	PULPWOOD	1,070.00	Cd	5.10	5,457.00	5.10	5,457.00
BLACK SPRUCE	PULPWOOD	18.00	Cd	10.83	194.94	10.83	194.94
BALSAM FIR	PULPWOOD	14.00	Cd	9.56	133.84	9.56	133.84
PAPER BIRCH	PULPWOOD	9.00	Cd	8.28	74.52	8.28	74.52
TREMBLING ASPEN	PULPWOOD	9.00	Cd	15.30	137.70	15.30	137.70

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL =	\$5,998.00	BID TOTAL = \$	5,998.00
ADVANCE PAYMENT =	\$899.70		

Cutting and Felling:

- Harvest all tamarack, aspen, balsam fir, birch and spruce inside permit boundaries.
- Fell all live black spruce equal to or greater than 5 feet tall.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across USFS and state land.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.
- Access is across USFS land and a permit is required. The State will obtain this permit.

Marketing Conditions:

Approximately 6 miles of winter road will need to be reopened to access sale area.
Currently approximately 4% of the total tamarack volume is standing dead.
Sale volume does not include dead tamarack.

Price Adjustments:

- Road Construction Costs: -15%
- Haul Distance to Nearest Mill: +5%
- Stand Density: 0%
- Operational Constraints: 0%
- Other Price Factor: -26% (Tam. prices reduced to match adjacent sold timber)

Appraiser:

William H. Salo

Harvest specifications and additional information about each tract may be obtained upon request from the following
DNR Area Forestry Office:

BACKUS AREA

The right is reserved to reject any and all bids.

For the Commissioner
MINNESOTA DEPARTMENT OF NATURAL RESOURCES

By: _____
Authorized Signature
Division Of Forestry
Dated: May 24, 2018

- SUMMARY SHEET -

05/24/2018 INTERMEDIATE AUCTION - SALE #2

COMPLETED - DATA AS OF 05/24/2018

BACKUS AREA

SUMMARY FOR SOLD TRACTS

<u>PRODUCT</u>	<u>SPECIES</u>	<u>TOTAL VOLUME</u>	<u>UNIT</u>	<u>SOLD AVERAGE UNIT PRICE</u>	<u>TOTAL SOLD \$ VALUE</u>
PULP & BOLTS	ASH	142.00	Cd	11.30	1,605.20
	ASPEN SPECIES	800.00	Cd	20.49	16,392.00
	PAPER BIRCH	423.00	Cd	27.65	11,695.34
	NORTHERN HARDWOODS	201.00	Cd	17.83	3,584.19
	BASSWOOD	315.00	Cd	11.05	3,481.20
	OAK SPECIES	752.00	Cd	33.08	24,876.96
	RED OAK	325.00	Cd	21.55	7,003.75
	PINE SPECIES	223.00	Cd	26.00	5,798.11
PULPWOOD	ASH	33.00	Cd	10.47	345.50
	ASPEN SPECIES	2,179.00	Cd	36.46	79,454.59
	TREMBLING ASPEN	209.00	Cd	18.41	3,848.40
	PAPER BIRCH	128.00	Cd	15.48	1,981.85
	MAPLE SPECIES	486.00	Cd	20.21	9,820.72
	NORTHERN HARDWOODS	118.00	Cd	20.94	2,470.92
	RED MAPLE	72.00	Cd	10.88	783.25
	BASSWOOD	50.00	Cd	6.40	320.00
	OAK SPECIES	247.00	Cd	20.51	5,065.20
	RED OAK	60.00	Cd	11.70	702.00
	BUR OAK	13.00	Cd	11.70	152.10
	SPRUCE-BALSAM	14.00	Cd	14.83	207.62
	BLACK SPRUCE	35.00	Cd	13.30	465.50
	TAMARACK	60.00	Cd	5.60	336.00
	MIXED HARDWOODS	7.00	Cd	17.37	121.59
FUELWOOD	TAMARACK (optional)	75.00	Cd	-	0.00
BIOMASS	ANY LISTED SPECIES (optional)	3,599.00	Tons	-	0.00
WOODSRUN SAWTIMBER (SOFTWOOD ONLY)	WHITE PINE	4.00	Cd	41.27	165.08
	NORWAY PINE	135.00	Cd	42.25	5,703.75

TOTAL SOLD TRACTS CONVERTED TO CORDS: 7,031.00
TOTAL APPRAISED DOLLAR VALUE OF SOLD TRACTS: \$ 144,108.82
TOTAL BID-UP DOLLAR VALUE OF SOLD TRACTS: \$ 186,380.82
TOTAL ACRES SOLD: 334.8
SOLD TRACT NUMBERS: 1, 2, 3, 5, 7, 8, 9, 10, 11, 12, 14
TOTAL NUMBER OF TRACTS SOLD: 11

SUMMARY FOR UNSOLD TRACTS

<u>PRODUCT</u>	<u>SPECIES</u>	<u>TOTAL VOLUME</u>	<u>UNIT</u>	<u>APPRAISED AVERAGE UNIT PRICE</u>	<u>APPRAISED \$ VALUE</u>
PULP & BOLTS	ASH	7.00	Cd	10.24	71.68
	PAPER BIRCH	254.00	Cd	11.99	3,044.64
	BASSWOOD	84.00	Cd	8.32	698.88
	OAK SPECIES	230.00	Cd	15.81	3,636.04
WOODSRUN MIXED PRODUCTS	TAMARACK	1,344.00	Cd	8.60	11,558.40
WOODSRUN CORDWOOD	BLACK SPRUCE	336.00	Cd	15.30	5,140.80
PULPWOOD	ASH	15.00	Cd	8.50	127.50
	ASPEN SPECIES	254.00	Cd	19.20	4,876.80
	TREMBLING ASPEN	262.00	Cd	20.22	5,298.90
	PAPER BIRCH	9.00	Cd	8.28	74.52

- SUMMARY SHEET (Continued) -

SUMMARY FOR UNSOLD TRACTS

PRODUCT	SPECIES	TOTAL VOLUME	UNIT	APPRAISED AVERAGE UNIT PRICE	APPRAISED \$ VALUE
	MAPLE SPECIES	96.00	Cd	10.40	998.40
	RED MAPLE	33.00	Cd	11.05	364.65
	BASSWOOD	13.00	Cd	6.80	88.40
	BALSAM FIR	14.00	Cd	9.56	133.84
	BLACK SPRUCE	18.00	Cd	10.83	194.94
	TAMARACK	1,070.00	Cd	5.10	5,457.00
BIOMASS	ANY LISTED SPECIES (optional)	718.00	Tons	1.00	718.00

TOTAL UNSOLD TRACTS CONVERTED TO CORDS: 4,039.00
TOTAL APPRAISED DOLLAR VALUE OF UNSOLD TRACTS: \$ 41,765.39
TOTAL ACRES UNSOLD: 223.6
UNSOLD TRACT NUMBERS: 4, 6, 13, 15, 16
TOTAL NUMBER OF TRACTS UNSOLD: 5