



MINNESOTA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF FORESTRY

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

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**STATUS: COMPLETED**  
**INTERMEDIATE AUCTION - SALE #4**  
**ORAL BID**

Notice is hereby given that I offered for sale at public auction in Carlton, MN at 9:15 AM on Thursday, December 14, 2017, timber belonging to the State of Minnesota. All tracts were offered at the Carlton County Land Department Building in Carlton, 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  
CLOQUET AREA

9:15 AM on December 14, 2017  
Carlton County Land Department Building in Carlton, 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 December 14, 2018, at the following Area Headquarters: Cloquet 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: CARLTON**

**AREA: CLOQUET AREA**

**ACRES: 27.4**

Permit Number: X015793  
Expiration Date: 05/31/2020

**Purchased By:** Krueger Dirtwerx Inc.

**Address:** 2962 County Road 61, Mahtowa, MN 55707

NESW of Section 13 - Township 47, Range 19W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ WHITE SPRUCE	WOODSRUN CORDWOOD	450.00	Cd	13.73	6,178.50	13.73	6,178.50
+ ASPEN SPECIES	WOODSRUN CORDWOOD	325.00	Cd	25.03	8,134.75	25.03	8,134.75
MAPLE SPECIES	WOODSRUN CORDWOOD	75.00	Cd	11.31	848.25	11.31	848.25
PAPER BIRCH	WOODSRUN CORDWOOD	50.00	Cd	11.31	565.50	11.31	565.50
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$15,727.00	BID TOTAL = \$ 15,727.00
				ADVANCE PAYMENT =		\$2,359.05	

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

ANY LISTED SPECIES BIOMASS 390.00 Tons 0.95 370.50

**Mixed Species Description:**

Aspen Species Woodsrun Cordwood includes: Largetooth Aspen 5%; Trembling Aspen 95%.  
Maple Species Woodsrun Cordwood includes: Red Maple 80%; Sugar Maple 20%.

**Cutting and Felling:**

- Harvest all merchantable white spruce, aspen, maple, and birch.
- Reserve oak, basswood, cedar, white pine, red pine, black spruce, ash, and all other non-harvest species.

**Season of Operations:**

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

**Slash Disposal:**

- Biomass harvest is allowed on this permit. An Added Timber Agreement is required.

**Sale Conditions:**

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

**Marketing Conditions:**

Due to access, permit will likely be a frozen ground harvest.

Average height and DBH of main species:

- White Spruce: 4 sticks, 11" (range 8-14")
- Aspen: 5 sticks, 12" (range 11-14")
- Maple: 3.5 sticks, 10" (range 9-11")
- Birch: 4 sticks, 10", (range 9-12")

Appraiser: Craig Ferguson, 218-878-5643

**Price Adjustments:**

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

Other Price Factor: 0%

**Appraiser:**

Craig David Ferguson

(Appraisal ID 13319-0; Cutting Block ID 15560-0)

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**TRACT X2**

**COUNTY: CARLTON**

**AREA: CLOQUET AREA**

**ACRES: 84.0**

Permit Number: X015794  
Expiration Date: 05/31/2020

Purchased By: CTP Chipping Inc.  
Address: 53778 Fir Lane, Sandstone, MN 55072

NESE,NWSE,SENE,SESE,SWNE of Section 5; GL10,NWSW of Section 4 - Township 49, Range 19W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	1,330.00	Cd	22.23	29,565.90	22.23	29,565.90
+ PAPER BIRCH	WOODSRUN MIXED PRODUCTS	500.00	Cd	12.07	6,035.00	12.07	6,035.00
+ MAPLE SPECIES	WOODSRUN CORDWOOD	400.00	Cd	10.12	4,048.00	10.12	4,048.00
ASH	WOODSRUN MIXED PRODUCTS	125.00	Cd	7.23	903.75	7.23	903.75
+ BID SPECIES      * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$40,552.65	BID TOTAL = \$ 40,552.65
				ADVANCE PAYMENT =		\$6,082.90	

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

ANY LISTED SPECIES      BIOMASS      1,400.00 Tons      0.85      1,190.00

**Mixed Species Description:**

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 5%; Largetooth Aspen 5%; Trembling Aspen 90%.  
Maple Species Woodsrun Cordwood includes: Red Maple 80%; Sugar Maple 20%.

**Mixed Product Description:**

Ash Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.  
Paper Birch Woodsrun Mixed Products includes: Bolts 45%; Pulpwood 55%.

**Cutting and Felling:**

- Harvest all merchantable Aspen, Paper Birch, Maple, and Ash. Non-harvest species that have been storm-damaged may be cut and utilized as needed to access the harvest area.
- Reserve Yellow Birch, Pine, Spruce, Oak, Basswood, Cedar, Balsam Fir and any other non-harvest species. Reserve non-merchantable stems of harvest species that do not interfere with harvest operations. While scattered individual reserve trees will average 8-10 trees per acre, and should not be difficult to work around, there are clumps of Cedar that will take some care by the permittee to avoid damage.
- Storm damaged trees were not appraised but may be utilized for roundwood or chips when possible.

**Season of Operations:**

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Road and landing work may be done during non-frozen conditions with prior approval. With written permission, very dry summer harvest is possible. An onsite meeting with permittee, operator, and TSA will be required prior to access being given in writing by TSA.

**Landings Roads and Trails:**

- Recreation trail may be used as an access route. The OHV trail connection to the Ditch Bank Forest Road is approximately 1.5 miles and will require some improvements by the permittee if used.

**Sale Conditions:**

- Access is across State land.

**Marketing Conditions:**

This permit has been impacted by wind events in 2016 and 2017, with a loss of approximately 10% of volume. Lost volume was not appraised and this is not treated as a salvage permit. There are small pockets of dense blowdown as well as

scattered impacted individual trees.

Road and landing work may be done during non-frozen conditions with prior approval.

With written permission, very dry summer harvest is possible. An onsite meeting with permittee, operator, and TSA will be required prior to access being given in writing by TSA.

Permit is approximately 1.5 miles north of the Ditch Bank Forest Road.

Average height and DBH of main species:

Aspen: 7 sticks, 13" (range of 9-15")

Birch: 5-6 sticks, 11" (8-13")

Maple: 4 sticks, 10" (6-16")

Ash: 4-5 sticks, 10" (8-12")

This permit includes ash as a harvest species; and, at the time of purchase, is NOT within the Ash Quarantine Area

KML or GPS shapefile of the permit area is available upon request to permit holder for use as a general reference.

**Price Adjustments:**

Road Construction Costs: -10%

Haul Distance to Nearest Mill: +5%

Stand Density: 0%

Operational Constraints: -10%

Other Price Factor: 0%

**Appraiser:**

Clayton M. Rakes

**TRACT X3**

**COUNTY: CARLTON**

**AREA: CLOQUET AREA**

**ACRES: 66.5**

Permit Number: X015795  
Expiration Date: 05/31/2021

**Purchased By:** CTP Chipping Inc.  
**Address:** 53778 Fir Lane, Sandstone, MN 55072

GL06, GL07 of Section 2 - Township 49, Range 19W.  
GL01, GL02, GL04, GL05, GL06, GL08, GL12 of Section 2; GL01 of Section 3 - Township 49, Range 19W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	1,530.00	Cd	31.62	48,378.60	31.62	48,378.60
+ WHITE SPRUCE	WOODSRUN MIXED PRODUCTS	385.00	Cd	29.36	11,303.60	29.36	11,303.60
+ MAPLE SPECIES	WOODSRUN MIXED PRODUCTS	285.00	Cd	15.81	4,505.85	15.81	4,505.85
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	120.00	Cd	38.96	4,675.20	38.96	4,675.20
BALSAM FIR	WOODSRUN MIXED PRODUCTS	90.00	Cd	20.66	1,859.40	20.66	1,859.40
+ BID SPECIES      * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$70,722.65	BID TOTAL = \$	70,722.65
				ADVANCE PAYMENT =	\$10,608.40		

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

ANY LISTED SPECIES      BIOMASS      1,445.00 Tons      1.20      1,734.00

**Mixed Species Description:**

Maple Species Woodsrun Mixed Products includes: Red Maple 80%; Sugar Maple 20%.

**Mixed Product Description:**

Balsam Fir Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 75%.  
Maple Species Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 75%.  
Norway Pine Woodsrun Mixed Products includes: Bolts 80%; Pulpwood 20%.  
White Spruce Woodsrun Mixed Products includes: Bolts 38%; Pulpwood 62%.

**Cutting and Felling:**

- Harvest all Norway pine and white spruce (Cutting Block 1).
- Harvest aspen, maple, balsam fir and white spruce (Cutting Block 2).
- Multiple cutting block sale, see individual cutting blocks for specifications (Cutting Blocks 1 and 2).

**Season of Operations:**

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).
- The soil on all of the stands in Cutting Block 2 will allow for a dry summer harvest. However, there is one drainage and at least one (possibly 2) small, lowland brush area that will need to be crossed. See map and ground verify (Cutting Block 2).

**Slash Disposal:**

- Biomass harvest is allowed on this permit. An Added Timber Agreement is required (Cutting Blocks 1 and 2).

**Sale Conditions:**

- Access is across State land (Cutting Block 1).
- Access is across State land. St Louis County has an easy access just north of the gate, but all stands can be accessed through State land (Cutting Block 2).
- Permission to cross St Louis County land (if used) must be obtained by permittee (Cutting Block 2).



**Marketing Conditions:**

Aspen: 10" Avg DBH and 6 sticks  
Maple: 9" Avg DBH and 3-4 sticks  
Balsam fir: 8" Avg DBH and 3-4 sticks  
White spruce: 10" Avg DBH and 4-5 sticks  
Norway pine: 12" Avg DBH and 6-7 sticks

**Price Adjustments:**

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

**Appraiser:**

Joshua C. Muchow

(Appraisal ID 13317-0; Cutting Block ID 15553-0, 15557-0)

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**TRACT X4**

**COUNTY: ST. LOUIS**

**AREA: CLOQUET AREA**

**ACRES: 54.7**

Permit Number: X015796  
 Expiration Date: 05/31/2020

**Purchased By:** Rory T. Kick  
**Address:** 1319 McDavitt Rd, Zim, MN 55738

NWNW,NWSW,SWNW of Section 9; NENE,SENE of Section 8 - Township 53, Range 18W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN CORDWOOD	895.00	Cd	20.76	18,580.20	20.76	18,580.20
BALSAM FIR	WOODSRUN MIXED PRODUCTS	100.00	Cd	12.87	1,287.00	12.87	1,287.00
ASH	WOODSRUN CORDWOOD	20.00	Cd	6.80	136.00	6.80	136.00
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$20,003.20	BID TOTAL = \$ 20,003.20
				ADVANCE PAYMENT =		\$3,000.48	

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

ANY LISTED SPECIES BIOMASS 405.00 Tons 0.80 324.00

**Mixed Species Description:**

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 10%; Trembling Aspen 90%.

**Mixed Product Description:**

Balsam Fir Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.

**Cutting and Felling:**

- Harvest all listed merchantable species to required top diameters.
- Reserve all balsam fir 2 sticks and under, all pink painted trees (approximately less than 1/ac and clustered), and all other non-listed species. Also reserve 25 sq ft basal area within 50' either side of ditch indicated on map.

**Season of Operations:**

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

**Sale Conditions:**

- Access is across private land.
- Permission to cross private land must be obtained by permittee.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.

**Marketing Conditions:**

Sale access is located 3.3 miles East of Meadowlands on Hwy 133, and 1.5 miles North on Blue Spruce Rd. Access will require permittee to obtain permission to cross private land. Access is clear and uses 2 miles of old ditch-bank roads, landowners do have a specified time frame on using access to ensure it only occurs when road is frozen.

There is an existing small clearing that would work well for a landing.  
 Due to the fragile ditch-bank roads and the wet soils of the sale area, operations will be frozen only.  
 There is an existing county timber permit that will likely be using same access.  
 Ignore old blue paint, follow new orange boundary paint.

There has been severe windstorms that have occurred July 2016 and July 2017 causing significant blowdown, mostly in 2016. Since it is frozen only sale operations and a 5/31/2020 permit deadline these fallen trees were not included in sale volume. If sale was harvested winter 2017/2018 there could be approximately an additional 230 cords aspen and 110 cords balsam fir volume.

Aspen avg DBH 12", 4-5 sticks  
Balsam fir avg DBH 9", 4 sticks

Contact Floodwood DNR Forest Tech Brian Schiller at 218-476-7023 with any questions on access or sale specifications.

**Price Adjustments:**

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

**Appraiser:**

Brian Patrick Schiller

(Appraisal ID 13371-0; Cutting Block ID 15597-0)

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TRACT X5

COUNTY: ST. LOUIS

AREA: CLOQUET AREA

ACRES: 55.1

Permit Number: X015797  
Expiration Date: 05/31/2021

Purchased By:  
Address:

UNSOLD

SESW,SWSW of Section 25; NENW,NWNW,NWSW,SENW,SWNW of Section 36 - Township 54, Range 21W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID:	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASH	WOODSRUN MIXED PRODUCTS	390.00	Cd	7.65	2,983.50	7.65	2,983.50
+ BALSAM FIR	WOODSRUN MIXED PRODUCTS	95.00	Cd	10.89	1,034.55	10.89	1,034.55
+ ASPEN SPECIES	WOODSRUN CORDWOOD	40.00	Cd	15.82	632.80	15.82	632.80
PAPER BIRCH	WOODSRUN MIXED PRODUCTS	20.00	Cd	8.69	173.80	8.69	173.80
+ BID SPECIES      * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$4,824.65	BID TOTAL = \$ 4,824.65
				ADVANCE PAYMENT =		\$723.70	

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

ANY LISTED SPECIES      BIOMASS      345.00 Tons      0.70      241.50

**Mixed Species Description:**

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 95%; Trembling Aspen 5%.

**Mixed Product Description:**

Ash Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 75%; Sawtimber 15%.  
Balsam Fir Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.  
Paper Birch Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.

**Cutting and Felling:**

- Harvest in cutting units 1&2 aspen, balm of gilead, unmarked ash, paper birch marked with yellow paint, balsam 3 sticks & larger. Cutting unit 3 is a strip-thinning of an almost pure ash stand, harvest 1/3 of ash stand in 34 ft wide strips alternating with reserve strips 66 ft wide. From the strips the logger may also harvest balsam 3 sticks and larger, aspen, and balm of gilead. No harvest of cedar or other reserve species will be allowed in the strips. Logger should focus harvest strips on areas where removal of declining or suppressed ash is maximized. If desirable or necessary the center or the boundaries of the strips to be cut could be marked with orange paint. Cutting unit 4 harvest aspen, balm of gilead, paper birch marked with yellow paint and all balsam 3 sticks & larger.
- Reserve In cutting units 1&2 ash marked with pink paint, all cedar, elm, maple, unmarked paper birch and balsam less than 3 sticks. The scattered marked reserved ash should allow greater flexibility to the logger to harvest the permit species in between and around the cedar without damage to the residual stand. Cutting unit 3 reserve 2/3 of the ash stand in strips about 66 ft wide alternating with the 34 ft harvest strips. Also reserve all birch, cedar, pine, basswood, elm, maple, spruce and balsam less the 3 sticks. Logger should lay out the strips in such a way to not damage the few reserved non-ash species which may be the future of the stand given the impending approach of the Emerald Ash Borer beetles. Cutting Unit 4 reserve unmarked paper birch and all cedar, pine, basswood, elm, maple, spruce and balsam less than 3 sticks. Also reserve any other non-permit species.
- Processing timber at the stump and forwarding cut products to the landing is recommended to minimize residual stand damage. However, the site is operable to a careful operator of a conventional logging system. Also getting ahead 1-2 weeks or more on felling is recommended to aid in further freezing down the site to prepare the weak wet soils for skidding and hauling by building more frost in the soil.

**Season of Operations:**

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

**Sale Conditions:**

**Sale Conditions (Continued):**

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

**Marketing Conditions:**

Ash averaging 3-5 sticks average dbh 9"  
 Aspen species averages 5-6 sticks average dbh 11"  
 Balsam fir averages 3-5 sticks average dbh 9"  
 Paper Birch averages 3-5 sticks average dbh 10"

4 year sale due to winter frozen ground access and operation in a lowland black ash swamp forest.

This permit includes ash as a harvest species, and at the time of purchase is not within the Ash Quarantine Area. Therefore no special regulations apply to this permit at this time.

Permission to cross private land must be obtained by the permittee. The landowner on the way to this permit is open to discussing access through his land and is also interested in having some of his timber cut. Contact the appraiser for more details.

Appraiser Wes Habedank Floodwood Field Station 476-7022

**Price Adjustments:**

Road Construction Costs: 0%  
 Haul Distance to Nearest Mill: 0%  
 Stand Density: -10%  
 Operational Constraints: -10%  
 Other Price Factor: -10% (1/2 of sale similar to an ash thinning)

**Appraiser:**

Wesley J. Habedank

(Appraisal ID 12848-0; Cutting Block ID 15027-0)

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

CLOQUET 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: December 14, 2017

- SUMMARY SHEET -

12/14/2017 INTERMEDIATE AUCTION - SALE #4

COMPLETED - DATA AS OF 12/15/2017

CLOQUET 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>
WOODSRUN MIXED PRODUCTS	ASH	125.00	Cd	7.23	903.75
	PAPER BIRCH	500.00	Cd	12.07	6,035.00
	MAPLE SPECIES	285.00	Cd	15.81	4,505.85
	NORWAY PINE	120.00	Cd	38.96	4,675.20
	WHITE SPRUCE	385.00	Cd	29.36	11,303.60
	BALSAM FIR	190.00	Cd	16.56	3,146.40
WOODSRUN CORDWOOD	ASH	20.00	Cd	6.80	136.00
	ASPEN SPECIES	2,550.00	Cd	22.07	56,280.85
	TREMBLING ASPEN	1,530.00	Cd	31.62	48,378.60
	PAPER BIRCH	50.00	Cd	11.31	565.50
	MAPLE SPECIES	475.00	Cd	10.31	4,896.25
	WHITE SPRUCE	450.00	Cd	13.73	6,178.50
BIOMASS	ANY LISTED SPECIES (optional)	3,640.00	Tons	-	0.00

**TOTAL SOLD TRACTS CONVERTED TO CORDS:** 6,680.00  
**TOTAL APPRAISED DOLLAR VALUE OF SOLD TRACTS:** \$ 147,005.50  
**TOTAL BID-UP DOLLAR VALUE OF SOLD TRACTS:** \$ 147,005.50  
**TOTAL ACRES SOLD:** 232.6  
**SOLD TRACT NUMBERS:** 1, 2, 3, 4  
**TOTAL NUMBER OF TRACTS SOLD:** 4

**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>
WOODSRUN MIXED PRODUCTS	ASH	390.00	Cd	7.65	2,983.50
	PAPER BIRCH	20.00	Cd	8.69	173.80
	BALSAM FIR	95.00	Cd	10.89	1,034.55
WOODSRUN CORDWOOD	ASPEN SPECIES	40.00	Cd	15.82	632.80
BIOMASS	ANY LISTED SPECIES (optional)	345.00	Tons	0.70	241.50

**TOTAL UNSOLD TRACTS CONVERTED TO CORDS:** 545.00  
**TOTAL APPRAISED DOLLAR VALUE OF UNSOLD TRACTS:** \$ 4,824.65  
**TOTAL ACRES UNSOLD:** 55.1  
**UNSOLD TRACT NUMBER:** 5  
**TOTAL NUMBER OF TRACTS UNSOLD:** 1