

Tract # 4
Morse Township
Virginia Area
C19170004

ECHO TRAIL BLOWDOWN
 Number of Blocks: 2
 Total Acres: 123
 Expires: 4/15/2019

Sale Administrator: Robert Cozzo
 Sec. 10 Sec. 15 Twp. 63N Rge. 12W
 47° 56' 48.376" N 91° 51' 3.629" W

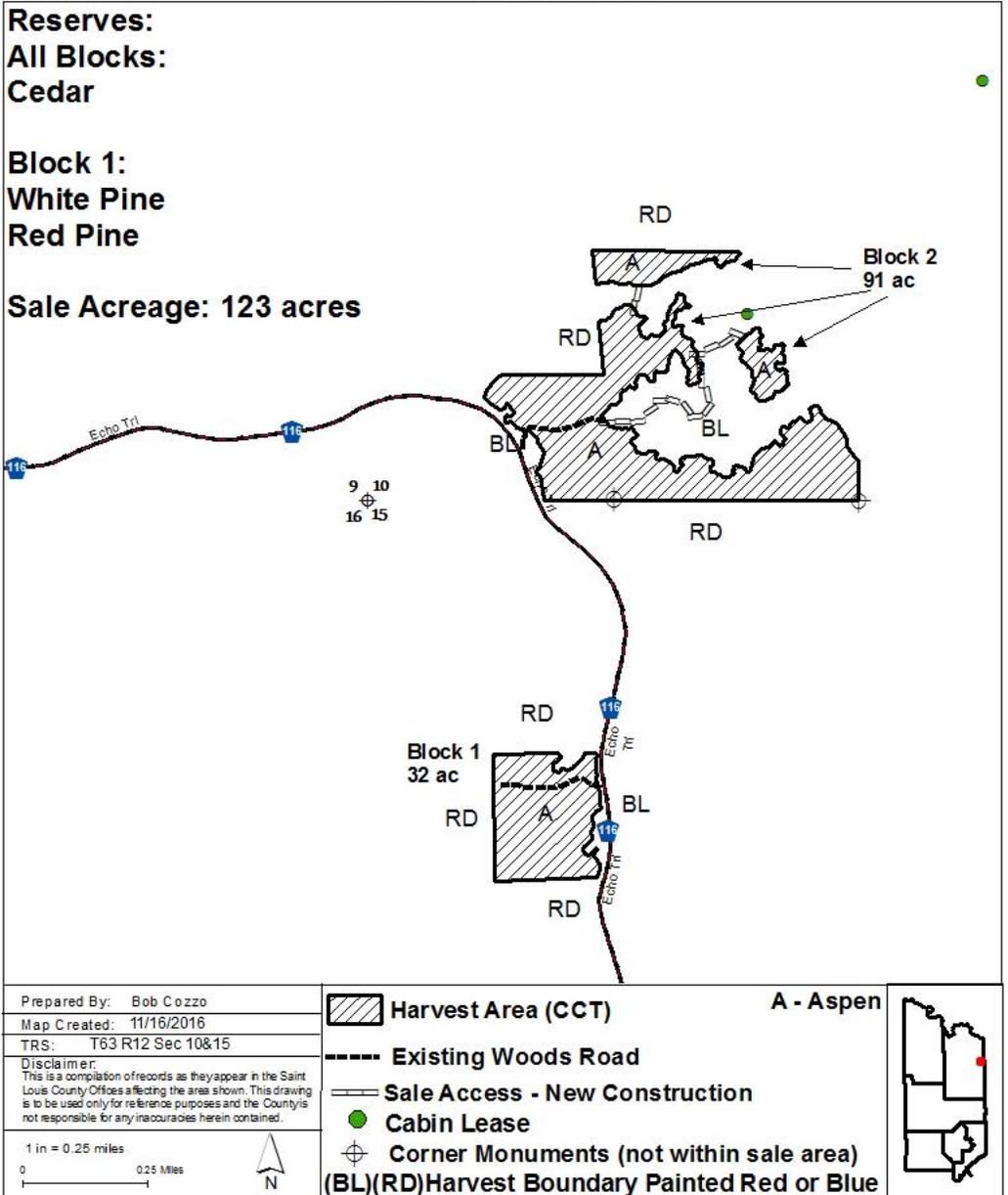
SOE	Product	No Bid	Total Volume	Appraised Value	Total Value
	Aspen pulpwood		1063 Cords @	\$5.00 =	\$5,315.00
	Balsam Fir pulpwood		167 Cords @	\$5.00 =	\$835.00
	Birch pulpwood		146 Cords @	\$5.00 =	\$730.00
	Black Spruce pulpwood		177 Cords @	\$5.00 =	\$885.00
	Jack Pine pulpwood		32 Cords @	\$5.00 =	\$160.00
	Norway Pine pulpwood		182 Cords @	\$5.00 =	\$910.00
	Red Maple pulpwood		69 Cords @	\$5.00 =	\$345.00
	Tamarack pulpwood		4 Cords @	\$5.00 =	\$20.00
	White Pine pulpwood		1047 Cords @	\$5.00 =	\$5,235.00
	White Spruce pulpwood		84 Cords @	\$5.00 =	\$420.00

Down Payment Required (15%): \$2,228.25 Total Appraised Value: \$14,855.00

Comments:

Seasons of Operation: Dry Soil from the removal of road restrictions to Frozen Ground OR Frozen Ground. The purchaser has the option to purchase this sale as advertised or to purchase all species as Sold On Appraised Volume (SOAV). Cruise error exceeds department standards. Sale is approximately 60% blowdown. Purchaser is encouraged to harvest timber ASAP.

**St. Louis County
 Echo Trail Blowdown**



Use your smartphone to scan the QR Code for access to maps, cutting regulations, contract information and special regulations, or visit our website.



**Timber Sale Block Summary Report for
ECHO TRAIL BLOWDOWN (C19170004)**

Sale Total

Item	Product	Volume	Units	Price	Value
ASPEN	PULP	1,063.00	Cds	\$5.00	\$5,315.00
BALSAM FIR	PULP	167.00	Cds	\$5.00	\$835.00
BIRCH	PULP	146.00	Cds	\$5.00	\$730.00
MAPLE-RED	PULP	69.00	Cds	\$5.00	\$345.00
PINE-JACK	PULP	32.00	Cds	\$5.00	\$160.00
PINE-NORWAY	PULP	182.00	Cds	\$5.00	\$910.00
PINE-WHITE	PULP	1,047.00	Cds	\$5.00	\$5,235.00
SPRUCE-BLACK	PULP	177.00	Cds	\$5.00	\$885.00
SPRUCE-WHITE	PULP	84.00	Cds	\$5.00	\$420.00
TAMARACK	PULP	4.00	Cds	\$5.00	\$20.00
Sale Total					\$14,855.00

Block 1

Item	Product	Volume	Units	Price	Value
ASPEN	PULP	321.00	Cds	\$5.00	\$1,605.00
BALSAM FIR	PULP	70.00	Cds	\$5.00	\$350.00
BIRCH	PULP	4.00	Cds	\$5.00	\$20.00
MAPLE-RED	PULP	11.00	Cds	\$5.00	\$55.00
PINE-JACK	PULP	7.00	Cds	\$5.00	\$35.00
SPRUCE-BLACK	PULP	130.00	Cds	\$5.00	\$650.00
TAMARACK	PULP	4.00	Cds	\$5.00	\$20.00
Block 1					\$2,735.00

Block 2

Item	Product	Volume	Units	Price	Value
ASPEN	PULP	742.00	Cds	\$5.00	\$3,710.00
BALSAM FIR	PULP	97.00	Cds	\$5.00	\$485.00
BIRCH	PULP	142.00	Cds	\$5.00	\$710.00
MAPLE-RED	PULP	58.00	Cds	\$5.00	\$290.00
PINE-JACK	PULP	25.00	Cds	\$5.00	\$125.00
PINE-NORWAY	PULP	182.00	Cds	\$5.00	\$910.00
PINE-WHITE	PULP	1,047.00	Cds	\$5.00	\$5,235.00
SPRUCE-BLACK	PULP	47.00	Cds	\$5.00	\$235.00
SPRUCE-WHITE	PULP	84.00	Cds	\$5.00	\$420.00
Block 2					\$12,120.00

**ECHO TRAIL BLOWDOWN SALE
PROSPECTUS**

SALE EXPIRATION April 15, 2019.

OPERATION PERIODS Blocks 1 & 2: **Frozen Ground or Dry Soil Conditions after Removal of Road Restrictions.**

LOCATION This sale is located in Sections 10&15, Township 63N, Range 12W.

ACCESS Echo Trail to Golden Ridge Trail for Block 1, Echo trail to woods road on East side of Echo trail for Block 2.

TIMBER				Sale Acreage: 123acres
Species	Sticks	Dia.	Comments	
Aspen	5	9	1063 cords	
White Pine	6	15	1047 cords	
Black Spruce	4	7	177 Cords	
Balsam Fir	3	6	167 Cords	

COMMENTS Cruise Error exceeds department standards.

This sale is approximately 60% blowdown from July 21st storm.

Volumes were determined from inventory, aerial photography, adjacent stands, and/or other available data and do not reflect St. Louis county's normal cruise accuracy.

Prospective Bidders are encouraged to contact Sale administrator for more information.

Purchaser is encouraged to harvest timber A.S.A.P.

SCALING All species must be scaled
The purchaser has the option to purchase this sale as advertised or to purchase all species as Sold on Appraised Volume.

SALE ADMINISTRATION Questions regarding the sale should be directed to Bob Cozzo, sale administrator, or to Mike Stubbs Forester II, at (218)365-8234 at the Ely Field Office.

Exhibit B1. Harvesting Provisions

Standard Contract Provisions

1. Access, Landings and Skid Trails

1.1 Location

- 1.1.1 Std - The location and construction of roads, skid trails, and landings must be approved by the Seller.
- 1.1.2 Std - Place fueling and maintenance areas outside of filter strips, riparian management zones and wetlands, where possible. Locations must be approved by the Seller.

1.2 Specifications

- 1.2.1 Std - No leaning, hanging or bent trees will be left, nor will stumps or debris be pushed against standing timber.
- 1.2.2 Std - Placement of earthen material or corduroy may be required to prevent excessive rutting on roads or skid trails, as determined by the Seller.
- 1.2.3 Std - All borrow pits, ditches and other exposed soil areas must be sloped to 2:1 or flatter unless approved by the Seller.
- 1.2.4 Std - All logging roads and skid trails must be shaped so as to allow for proper drainage and erosion control at all times.
- 1.2.5 Std - Water control structures, such as water bars, slash mats, diversion channels, hay bales or other appropriate measures must be constructed and maintained as needed or as determined by the seller.

1.3 Maintenance

- 1.3.1 Std - Purchaser must maintain or immediately repair any access that is located on an established road or trail. If damage occurs to a public road, purchaser will immediately contact the Seller and the road authority for direction and repair requirements.

1.4 Gating and Signing

- 1.4.1 Std - A sign, provided by the Seller, with the Timber Harvesting Contract number will be posted and maintained by Purchaser on the access to the sale area.

2. Slash

- 2.0.1 Std - No slash may be left within 50 feet of any road, trail, stream, red painted harvest boundary or structure unless otherwise agreed upon.

3. Harvest Practices

- 3.0.1 Std - Cutting must proceed in a manner which will protect site productivity and ensure regeneration.
- 3.0.2 Std - Painted boundary trees must not be cut.
- 3.0.3 Std - Exposure of mineral soil must be minimized in filter strips. Equipment movement in the filter strip should generally be perpendicular to the wetland and not parallel to it.
- 3.0.4 Std - Skidding of timber within the right-of-way or across any road must be approved by the Seller.
- 3.0.5 Std - Stump heights must be no more than the stem diameter or 10" whichever is less.

4. Reserves

- 4.0.1 Std - Reserve and limit damage to pre-existing coarse woody debris.

5. Operational Periods

5.1 Harvest and Skidding

- 5.1.1 Std - Purchaser is responsible for monitoring conditions and postponing, shutting down or modifying operations to prevent site damage.
- 5.1.16 Std - If this contract was purchased under restricted bidding conditions, the contract is deemed non-transferable and cannot be reassigned.

7. Other

- 7.0.1 Std - If an unsafe condition is identified, the purchaser is required to take immediate steps to mitigate the hazard and notify the Seller.

8. Scaling of Timber

- 8.0.1 Std - Products to be ground scaled must be piled so that an accurate scale can be made.
- 8.0.2 Std - Consumer Scaling
- (1) The instructions in the load ticket booklet are part of this agreement.
 - (2) A scale ticket must accompany each load of scaled species delivered.
 - (3) Any penalties assessed against the Purchaser will be charged to the contract and subtracted from any block credit, downpayment balance or will be billed for each penalty assessed.
 - (4) Consumer Scaling is not allowed after the contract completion date unless a Consumer Scaling extension has been authorized by the Seller. Therefore, with the exception of SOAV wood and wood under a Consumer Scaling extension, all cut products that remain on the landings must be scaled by the seller.
- 8.0.3 Std - Purchaser must give the Seller three days notice before on-site scales will be made. The Seller's costs may be billed to the Purchaser for all scaling involving less than 30 cords per scaling trip.

9. Timber Utilization

- 9.0.1 Std - No snags or coarse woody debris may be utilized.
- 9.0.2 Std - All bole material in the main stem of trees of the species listed in the Contract as harvest trees which contain one 100-inch cordwood sticks with a top diameter of at least 3 inches for spruce and tamarack and 4 inches for all other species are included in the sale volume. All other material will be defined as residual (tops, limbs and undersized).
- 9.0.3 Std - Purchaser will be billed for any timber that is sold and not utilized.
- 9.0.4 Std - Some or all of the down payment may be held to ensure removal of bio-fuels piles.
- 9.0.5 Std - Piles left on site beyond one year from completion of a Block may be disposed of by the Seller at the Purchaser's expense.
- 9.0.6 Std - The Purchaser will notify the Seller of their intention to store cut products, including residues to be chipped, prior to placing any piles. The location of piles and their size will be at the Seller's discretion.
- 9.0.7 Std - No less than 20% of the harvested tops on the sale must be reserved and evenly distributed on the site. The Seller and Purchaser will determine which species or combination of species will have tops reserved. No refunds will be made for residuals that are reserved.
- 9.0.8 Std - SOAV species are intended to include the entire above ground portion of the tree, including residuals and may be removed at the discretion of the contractor, unless otherwise specified. Roundwood measure is shown for bidding purposes only, and does not include any estimate of residuals.
- 9.0.9 Std - The residuals of the Scaled species will be available for purchase on this sale. A contract amendment for the additional volume must be completed and additional payment made before any residuals may be removed.

Exhibit B2. Harvest Provisions

Sale Name: Echo Trail Blowdown

2. Slash

2.0.2 All residue (tops, limbs and undersized) must be utilized or spread as evenly as possible over the harvest area and is to be scattered and lopped or compressed so that it lies within 3 feet of the ground. See the Timber Utilization Section for additional residual utilization requirements.

3. Harvest Practices

3.0.6 Harvesting and Skidding are restricted to harvest areas designated as CLEARCUT or CCT on the map, which means cutting of all harvest species 2 inch diameter and larger.

4. Reserves

4.0.2 The Purchaser will be charged for reserve trees damaged in harvest operations (see 4.0.3 for species reserved on this sale), if the damage was deemed avoidable. The charge will be \$50 per tree for cedar in all blocks, white and red pine in block 1 only. Damaged trees remain the property of the Seller.

4.0.3 Reserve Cedar in all blocks. White and Red Pine in block 1 only.

5. Operational Periods

5.1. Harvest and Skidding

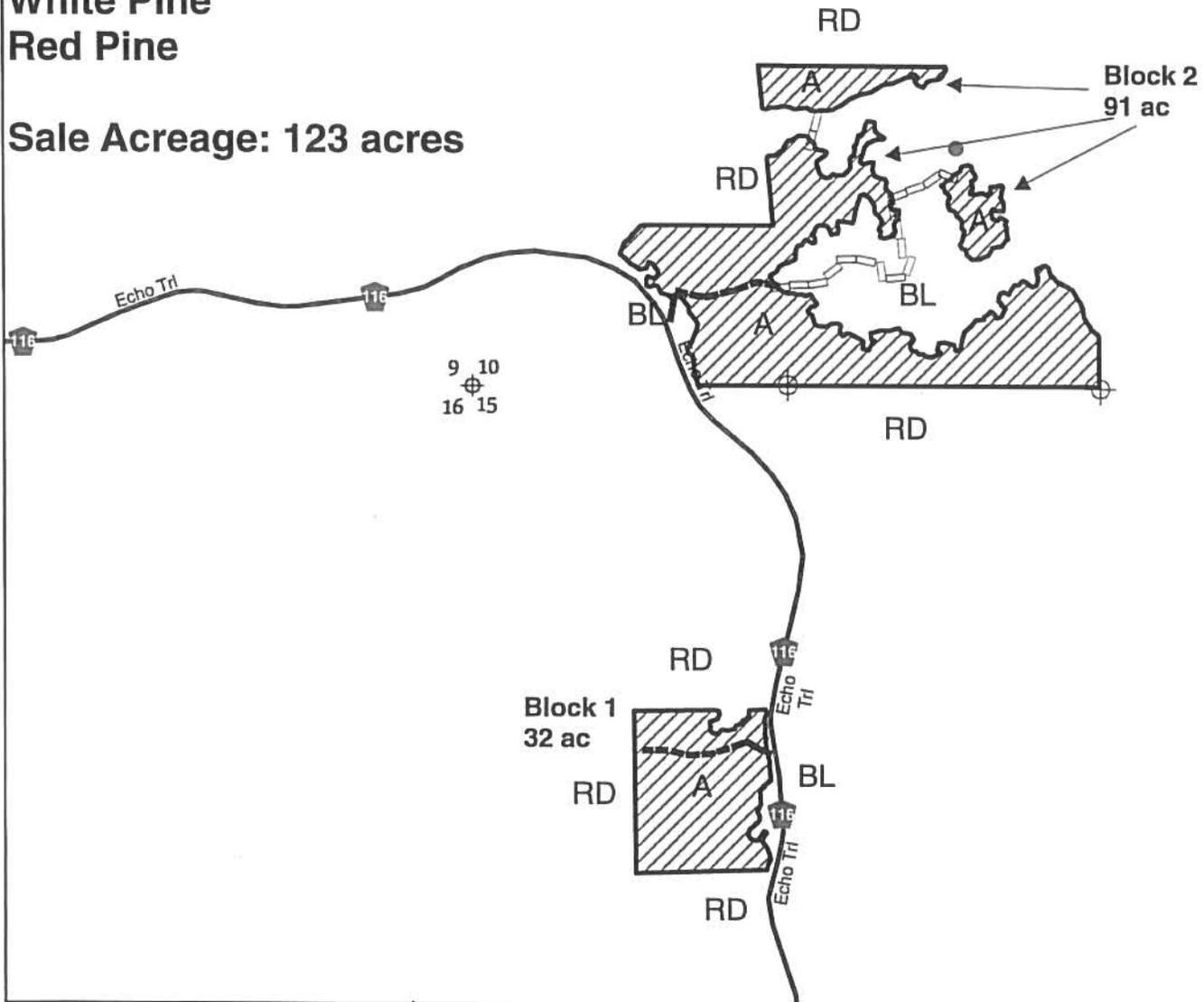
5.1.10 Harvest and Skidding must occur during FROZEN GROUND conditions, which is when the ground is frozen enough to handle equipment operation without damage to the soils or during DRY SOIL conditions from the removal of road restrictions to frozen ground and may include interruptions due to precipitation.

St. Louis County Echo Trail Blowdown

**Reserves:
All Blocks:
Cedar**

**Block 1:
White Pine
Red Pine**

Sale Acreage: 123 acres



Prepared By: Bob Cozzo

Map Created: 11/16/2016

TRS: T63 R12 Sec 10&15

Disclaimer:

This is a compilation of records as they appear in the Saint Louis County Offices affecting the area shown. This drawing is to be used only for reference purposes and the County is not responsible for any inaccuracies herein contained.

1 in = 0.25 miles



Harvest Area (CCT)

A - Aspen



Existing Woods Road



Sale Access - New Construction



Cabin Lease



Corner Monuments (not within sale area)

(BL)(RD)Harvest Boundary Painted Red or Blue

