

DCNR, Bureau of Forestry

Changes to Timber Sale Bidding Process

Effective 04/07/2020

PLEASE READ CAREFULLY - The following mandatory changes are being made to the Timber Sale bid process in order to enhance social distancing associated with Timber Sales.

Sale Number: **09-2022BC02**

1. Timber Sale Tours will NOT be conducted. Interested individuals may visit the prospective Timber Sale site at their convenience.
2. Questions regarding the prospective sale will be accepted and answered by sending an email to: skucharcik@pa.gov

Questions regarding the prospective sale will be accepted and answered via telephone **by calling Scott Kucharcik at (814) 762-4519 or (814) 765-0821**

3. Bids will ONLY be accepted by United States Mail (or by delivery services, such as Federal Express or UPS).
4. Sealed, signed bids must be mailed to:
Market Street State Office Building
Silviculture Section
Dept of Conservation and Natural Resources 400 Market Street, Floor 6
Harrisburg, PA 17105-8552
5. Bids must be mailed and Postmarked by **Tuesday, April 4, 2023. The bids will be opened at 12PM, prevailing local time, Wednesday April 12, 2023.** The mailing and postmark requirement applies to ALL bids regardless of the mail or delivery carrier used.
6. There will be no public bid opening.
7. Bids will NOT be accepted in person, by dropping off at a District office or at the Rachel Carson Office Building. All bids must be mailed.
8. Prospective bidders may receive a bid envelop by calling and requesting one from the District Office, or they may use their own envelope and MUST print the following on the envelope:

Timber Sale Bid

9-2022BC02 Black Rat Removal

Bid Opening Date April 12, 2023

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
Silviculture Section FMT-14
**BID FOR STATE FOREST TREE
ESTIMATE CONTRACT TIMBER STUMPAGE SALE**

District Sale Number
9-2022BC02
(Black Rat Removal)
Opening **12:00 PM**
Local Prevailing Time
04/26/2023

I/We _____
(Print or type name above line)

(Print or type street or rural route number, city, state, and zip code above line)

offer lump sum bid of \$_____ for the marked and/or designated timber stumpage described in the prospectus for the Pennsylvania Department of Conservation and Natural Resources for the above timber sale.

Enclosed is a certified, cashier's or treasurer's check or bank, postal, or express money order number _____ for **\$10,000**, payable to the Commonwealth of Pennsylvania which may be appropriated by the Commonwealth of Pennsylvania as liquidated damages if I/we are the successful Bidder and should fail to execute contract, furnish a satisfactory performance deposit, and make initial payment in full, within thirty (30) days from date of District Forester's letter which will accompany contract when it is forwarded to me/us for execution. **Personal check or personal money order will not be accepted**, (except a money order purchased from a bank and signed by a bank official).

If you are high bidder for this sale, what should be done with your bid deposit?

- ☐ applied to initial payment ☐ applied only to cash performance ☐ returned after contract is executed
☐ annual bid bond on file with expiration date _____

If you are high bidder for this sale, what type of performance deposit will be used?

- ☐ corporate bond ☐ cash bond ☐ letter of credit
☐ savings account ☐ investment certificate

If you are high bidder for this sale, how will payment be made?

- ☐ lump sum payment ☐ payment by cutting blocks

Federal ID or Social Security No. _____ Telephone No. _____(_____)_____

WITNESS:

Sign and print

Sign and print

Sign and print

Attest:

Sign and print Secretary

SINGATURE OF BIDDER:

By _____
Sign and print
By _____
Sign and print
By _____
Sign and print

Name of Corporation
By _____ (Seal)
Sign and print President

All signatures must be written in ink. All other information must be typed or written in ink.

If bidder is a partnership, each partner must sign. If bidder is a corporation, President must sign and Secretary must sign attest and imprint corporation seal.

The Department of Conservation and Natural Resources reserves the right to reject any or all bids; also to waive any technical defects which might arise in connection with this bid.

Lump sum bids of less than **\$12,036.00** will be rejected.

Commonwealth of Pennsylvania
Department of Conservation and Natural Resources
Bureau of Forestry

PROSPECTUS
Readvertisement

Moshannon State Forest Timber Stumpage Sale 09-2022BC02
Black Rat Removal

The Department offers for sale the following FSC® (FSC-C004248) and SFI® (NSF-SFI-FM-C0435749) certified sawtimber and pulpwood stumpage on 79 acres located Strawband Beaver Road, Rush Township, Centre County, Pennsylvania. **Bids must be postmarked by Tuesday April 4, 2023. The bid opening date is Wednesday, April 12, 2023.**

VOLUME COMPUTATIONS:

SAWTIMBER		PULPWOOD	
SPECIES	*MBF	SPECIES	**HCF
Red Oak	40.883	Mixed Oak (pulpwood)	85
Chestnut Oak	14.055		
White Oak	9.746		
Black Oak	4.675		
Red Maple	3.581		
	<hr/> 72.940		<hr/> 85

*MBF equals 1000 Board Feet

**HCF equals 100 Cubic Feet of solid peeled wood. Multiply the total HCF by 1.47 to convert to standard rough cords. Multiply the total HCF hardwood volume by 2.9 to obtain a rough estimate of hardwood tons. Multiply the total HCF softwood volume by 2.2 to obtain a rough estimate of softwood tons.

Sawtimber volumes are based on the Girard Form Class Volume Tables utilizing the International 1/4 Inch Log Rule. Sawtimber volumes for blocks 1, 2 and 3 were 100% tallied. Pulpwood volumes for blocks 1, 2 and 3 were 1% tallied.

The species, quality, and block volumes may vary from said estimates. Volumes and quality are not guaranteed. No volume adjustments will be made. Bidder should bid on his own estimate of merchantable volume and log quality. No logs will be scaled.

Topwood smaller Than 4 inches diameter inside bark on cutting block(s) 1,2,3 is reserved. Topwood is the upper portion of a felled tree not normally merchantable for any product other than fuelwood because of size, taper, or other defect.

EXPIRATION OF CONTRACT:

This contract will expire on **Monday, September 30, 2024.**

TOUR OF THE SALE AREA:

Timber Sale Tours will not be conducted for the sale area. Prospective bidders may visit site at their convenience. Questions regarding sale will be accepted and answered by sending an email to: skucharcik@pa.gov. Prospective bidders should **Call Scott Kucharcik to schedule a tour at 814-762-4519.**

This and other prospectuses may be found on the WEB @

<http://www.dcnr.state.pa.us/forestry/stateforestmanagement/timbersales/availabletimbersales/index.htm>

TIMBER CRUISING:

The approved products for marking trees by prospective buyers are chalk, paint sticks and marking crayons. Prospective buyers may not use the same color of paint as the bureau in each block unless otherwise authorized in writing by the district forester.

BIDS:

The bid form and envelope may be secured from Bureau of Forestry, 3372 State Park Road, Penfield, PA 15849-1722, Telephone (814) 765-0821. The outer envelope in which bid is mailed must be clearly marked that it contains a bid for this sale.

**Print on Bid Envelop the
following: Timber Sale Bid
092022BC02 Black Rat Removal
Bid Opening Date April 12, 2023**

Sealed, signed bids must reach **Market Street State Office Building, Silviculture Section, Dept of Conservation and Natural Resources, 400 Market Street Floor 6, Harrisburg PA 17105-8552 before opening and reading of bids at 12:00 PM, prevailing local time, Wednesday, April 12, 2023.** A certified, cashier's, treasurer's check or official check or bank, postal or express money order payable to the Commonwealth of Pennsylvania for \$ 1,000.00 to guarantee execution of the contract must accompany the bid. **PERSONAL CHECK OR PERSONAL MONEY ORDER WILL NOT BE ACCEPTED AS BID DEPOSIT.** Also, a permanent bid bond on file with the Bureau of Legal Services is acceptable.

Bid deposits not held on file as permanent bid bonds will be handled as follows: Bid deposits will be returned to the unsuccessful bidders immediately following bid opening. The successful bidder's bid deposit will be returned when the contract is executed and a satisfactory performance deposit is furnished as required in the performance deposit section of this prospectus. The successful bidder has the option to apply his bid deposit to the performance deposit or initial payment.

The Department will not consider lump sum bids of less than \$12,036.00. This is the Department's estimated minimum valuation for the timber after a deduction of \$1,575.00 for the Department's estimated cost of construction, improvement and seeding of haul roads. Road and seeding cost estimates are not guaranteed. Bidders should do their own assessment of costs when considering their bid.

The Department reserves the right to reject any or all bids and to waive any informalities, defects, or irregularities in the bids.

PERFORMANCE DEPOSIT:

The successful bidder must furnish as guarantee for performance of their bid commitment a corporate surety bond or a certified, cashier's or treasurer's check or official check or bank, postal or express money order payable to the Commonwealth of Pennsylvania. **PERSONAL CHECK OR PERSONAL MONEY ORDER WILL NOT BE ACCEPTED FOR PERFORMANCE DEPOSIT.** Negotiable securities, including letter of credit, bank savings account or bank investment certificate may be furnished in lieu of the above. The amount of the required performance deposit will be calculated in accordance with the following table:

BID VALUE**PERFORMANCE DEPOSIT**

Less than \$50,000	25% of the sum of the bid value plus the Department's estimated road and seeding costs (in the prospectus)
\$50,000 to \$250,000	20% of the sum of the bid value plus the Department's estimated road and seeding costs (in the prospectus)
\$250,000 to less than \$2.5 million	15% of the sum of the bid value plus the Department's estimated road and seeding costs (in the prospectus)
\$2.5 million or more	10% of the sum of the bid value plus the Department's estimated road and seeding costs (in the prospectus)

CURRENCY:

All bids, bid deposits, performance deposits, sales tax and other payments related to this project will be in United States dollars only.

SALES TAX:

The Department will collect sales tax only for the timber that the buyer will consume for his own use and not sell or process for sale to others.

EXECUTION OF CONTRACT:

The successful bidder will be required to execute the Department's Tree Estimate Timber Stumpage Sale Contract. The buyer must furnish a satisfactory performance deposit by the date specified in the cover letter, which will accompany the contract when it is mailed to the buyer for execution. The contract may be examined in the forest district office.

If the highest qualified bidder fails to execute the contract or provide a satisfactory performance deposit, the bidder will be considered in default and will forfeit his bid deposit to the Department as liquidated damages and the timber will be offered to the other qualified bidders in the order of descending bids or negotiated or re-advertised as appropriate. The consequence of such a default may also subject the bidder to further sanctions under the statewide Contractor Responsibility Program in accordance with Management Directive 215.9 Amended, as issued by the Governor's Office. Such Contractor Responsibility action may result in finding the Bidder non-responsible in subsequent timber sales and preclude an award to the Bidder in those sales.

PAYMENT FOR TIMBER DAMAGES:

The value of timber damaged by buyer will be computed as stated under Paragraph 10, entitled Timber Damage, of the Tree Estimate Timber Stumpage Sale Contract.

CUTTING BLOCK:

This sale is divided into three (3) blocks. The order of cutting blocks is optional. Before logging operations may be started on any cutting block, the stumpage on that block must be paid in full. The buyer has the option to make lump sum payment for all blocks prior to the start of logging operations. Logging operations, including cleanup, must be concluded to the satisfaction of the Department on one block before logging operations may be started on another block unless modified in writing by the Department. Payment for the last cutting block to be purchased must be made by certified, cashier's or treasurer's check; or postal, bank, or express money order payable to the Commonwealth of Pennsylvania. Certified funds may be required for other payments at the discretion of the district forester.

This and other prospectuses may be found on the WEB @

<http://www.dcnr.state.pa.us/forestry/stateforestmanagement/timbersales/availabletimbersales/index.htm>

FELLING OF TREES:

All trees marked with yellow or red paint must be felled. Dead trees may be felled at the option of the buyer on block(s) 1,2,3. All sale boundary and block line trees marked with a band of orange paint at DBH and a spot of orange paint below stump height are reserved and must not be felled. Save trees marked with a spot of orange paint at DBH and below stump height must not be felled. Trees must be felled in accordance with the attached Summary of Trees to be Felled or Reserved by Cutting Block.

LOGGING RESTRICTIONS:

The following are prohibited: The use of equipment that in the opinion of the District Forester results in abnormal damage to the residual stand. Tree length skidding is prohibited for the entire sale unless in the opinion of the district forester damage to the residual stand is kept at a minimum. Whole tree harvesting is prohibited for the entire sale. Cutting and logging operations are prohibited from March 1st to May 1st on cutting block(s) 1,2,3 unless authorized in writing by the District Forester. Hauling is prohibited from March 1st to May 1st on Strawband Beaver Road, unless authorized in writing by the District Forester. Please contact administering forester, Scott Kucharcik, at 814-762-4519 with any questions or to schedule a tour if desired. A copy of the E & S plan (attachment D on the contract) must be kept on site during logging and road construction operations.

TOPS AND SLASH:

No tops or slash shall be left on any transmission pipeline right-of-way, or drainage ditch leading from a culvert, water bar, intercepting dip or break in berm of road, or in, on, or within 25 feet of a State Forest boundary line, stream, spring seep, dam, lake, trail or within 100 feet of a railroad, building campsite, or officially designated park, picnic area, vista or forest monument. Tops and slash must be removed 25 feet from roads unless otherwise authorized in writing by the district forester.

Tops and slash within 100 feet of improved State Forest roads or public highways, or within the boundaries of officially designated State Parks, picnic areas, vistas, or forest monuments shall be lopped to a diameter of 3 inches and scattered evenly over the ground.

HAUL ROADS:

Buyer must grade, crown and ditch haul road as specified by the district forester. Any materials used for Haul Road improvement and/or construction must be approved prior to use and applied as directed by the district forester. All materials specified for haul road construction and maintenance except items specifically noted as temporary will become the property of the Commonwealth. Plowing of State Forest Roads is prohibited unless authorized in writing by the district forester. With the following exceptions the successful bidder may use all State Forest Roads that led into and/or within the sale area: Hauling is prohibited from March 1st to May 1st on Strawband Beaver Road unless otherwise authorized in writing by the district forester.

This and other prospectuses may be found on the WEB @

<http://www.dcnr.state.pa.us/forestry/stateforestmanagement/timbersales/availabletimbersales/index.htm>

All State Forest Roads must be kept passable at all times for use by passenger automobiles except during periods when roads are covered with ice or snow or following other extreme weather related events. The Department does not guarantee the successful bidder the use of roads maintained by the Pennsylvania Department of Transportation (PENNDOT), townships, or other agencies or owners. Buyer must contact the PENNDOT posted highway coordinator and officials of other said roads for possible weight or other restrictions that would prevent use.

SEEDING SALE AREAS:

Approximately 2 acres of disturbed areas must be and seeded and mulched for this sale. Before sale termination the buyer must deliver to Black Moshannon Maintenance Headquarters the following material: 100 lbs. wheat if seeded in fall or oats if seeded in spring, and 50 lbs. Moshannon Forestry Mix #1 or equivalent. Before sale termination the buyer must spread on a prepared seedbed the following material: 100 lbs. wheat if seeded in fall or oats if seeded in spring, and 50 lbs. Moshannon Forestry Mix #1 or equivalent. Buyer must mulch newly planted seed using 100 bales mulch. Landings and haul roads must be seeded and mulched. Landings and haul roads must be graded, disced, or raked prior to seeding.

SAFETY:

The Buyer, his employees and sub-contractors are required to perform all logging operations in a safe manner as required by applicable laws and regulations. The Department expects the Buyer to ensure that logging crewmembers dress in protective attire and perform their duties with equipment in accordance with standards established by the logging industry and the Occupational Safety and Health Administration (OSHA).

LOGGER CERTIFICATION:

On-site crew leaders for all logging crews working on this sale must be trained under the Pennsylvania Sustainable Forestry Initiative. Information relating to this training may be found on the Internet at www.sfiopa.org. Each crew leader operating on the sale must present a valid PA SFI Core Level Training card as proof of training to the District Forester prior to beginning logging operations on the sale. Comparable training from other states may be accepted in lieu of Pennsylvania Sustainable Forestry Initiative training.

ENVIRONMENTAL PROTECTION:

The Buyer must take whatever precautions are necessary, in the opinion of the district forester, to prevent soil erosion, water pollution and any other conditions detrimental to the environment on state and private land, and must correct immediately at his/her own expense to the satisfaction of the Department any conditions detrimental to the environment which result from the operation of this sale.

SAWMILL SETS:

Sawmill sets for this sale are not permitted unless otherwise authorized in writing by the district forester.

EXTENSION OF EXPIRATION DATE OF CONTRACT:

The expiration date of this contract may be extended at the discretion of the Department. When the district forester suspends sale operation in writing for any reason other than buyer non-compliance, the contract can be extended at no cost to the buyer for a period equal to the period of suspension. If for any other reason an extension beyond the contract

This and other prospectuses may be found on the WEB @

<http://www.dcnr.state.pa.us/forestry/stateforestmanagement/timbersales/availabletimbersales/index.htm>

expiration date becomes necessary, the buyer must submit a written request 30 days prior to contract expiration date to the district forester stating the period of extension requested in months and reasons why the contract cannot be completed by the expiration date.

For each month of the requested extension period, the buyer will pay to the Department five (5) percent of the value of all cutting blocks not released by the district forester. Payment in full for each extension in the form of a certified, cashier's, treasurer's or official check, or postal or express money order payable to the Commonwealth of Pennsylvania must accompany the request for extension. If the extension is granted and sale operations are completed prior to the end of the extension period, no refunds will be made.

If sale operations have not been completed by the contract expiration date and the Department has not approved a contract extension, all sales related activities will be suspended. If an extension is subsequently approved, the buyer must make payment as outlined above to include the period of suspension.

U. S. DEPARTMENT OF AGRICULTURE QUARANTINES:

Quarantines of forest products against the spread of emerald ash borer (entire state), pine shoot beetle (entire state) and gypsy moth (entire state) are now in effect in Pennsylvania. The buyer is responsible for understanding and complying with all applicable quarantines. Please contact the regional office of U.S. Department of Agriculture, Room 206 Post Office, Mill Avenue, Ridgeway PA 15853, telephone 814-772-1681 or see their website: http://www.aphis.usda.gov/plant_health/plant_pest_info/index.shtml for further information on regulations, inspections and certification to move regulated articles out of quarantined areas.

GREEN CERTIFICATION STATEMENT:

SCS-FM/COC-00011N FSC 100% and NSF-SFI-FM-C0435749 - SFI 100% Certified Forest Content indicate that the timber in this timber stumpage sale comes from a forest that is well managed according to strict environmental, social and economic standards. This forest has been independently inspected and evaluated according to the principles and criteria for forest management agreed and approved by the Forest Stewardship Council® and the Sustainable Forestry Initiative®.

NON-DISCRIMINATION CLAUSE:

The Commonwealth of Pennsylvania is an Equal Opportunity Employer and requires conformance with Title 16 Pennsylvania Code, Chapter 49, Contract Compliance Regulations.

ADDITIONAL RESTRICTIONS:

Please contact administering forester, Scott Kucharcik, at 814-762-4519 with any questions or to schedule a tour if desired. All reserve trees and boundary trees are marked with orange paint, and are not to be cut. Whole tree skidding or chipping operations are not permitted on this sale.

Scott Kucharcik

10/7/22

Compartments 105 and 106

Strawband LTA

1 inch = 0.25 Miles

Exhibit A

Moshannon State Forest

09-2022BC02

Black Rat Removal

Rush Township, Centre County

79 Acres

Overstory Removal - 62

Two Age Removal - 17

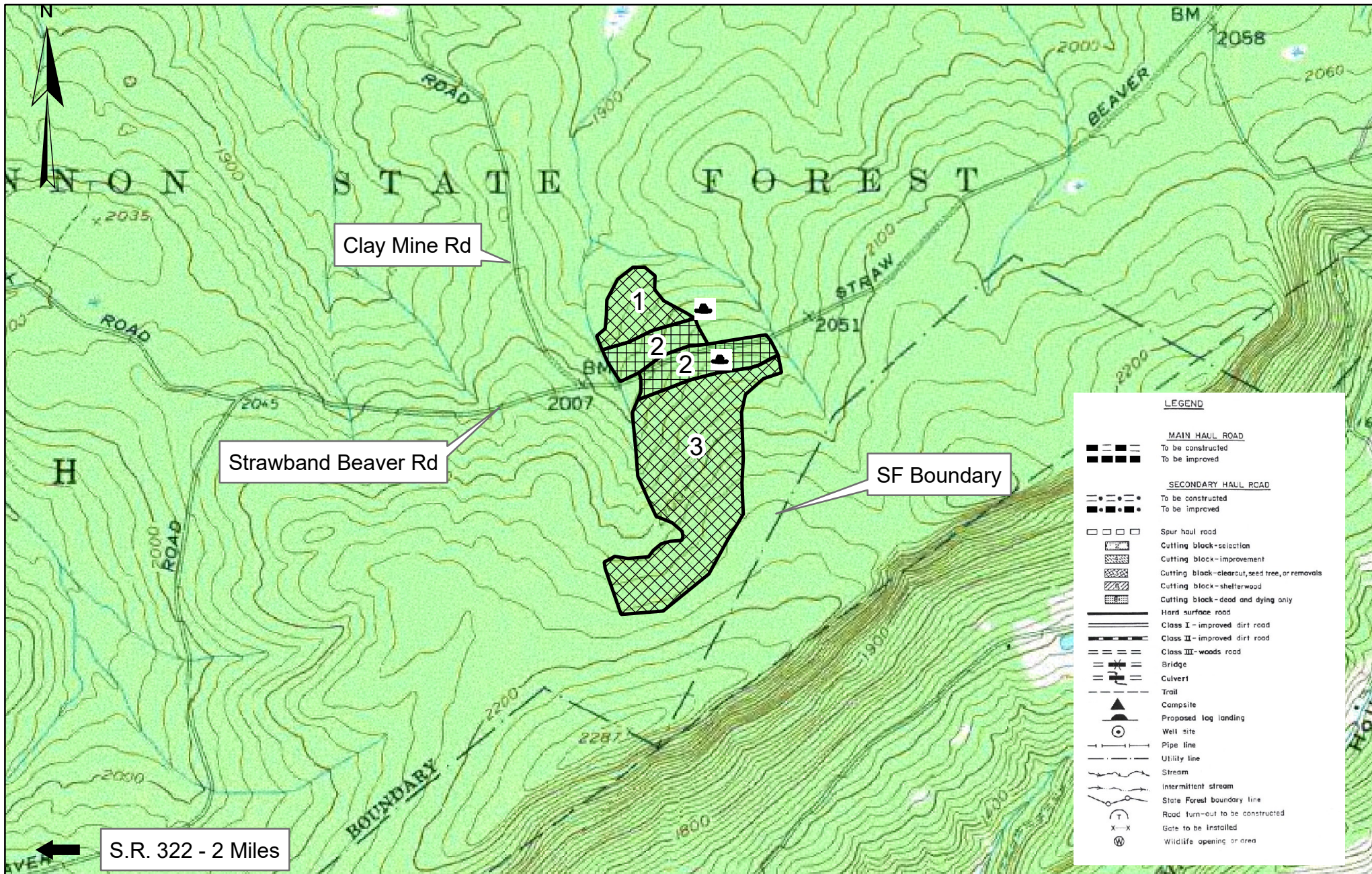


EXHIBIT B 09-2022BC02 (Black Rat Removal)																
Summary of Trees to be Felled or Reserved by Cutting Block																
BLOCK NUMBER	TREATMENT	BLOCK ACRES	CUT TREES (must be felled)		LEAVE	OPTIONAL	SPECIAL INSTRUCTIONS									
												PAINTED	UNPAINTED		ORANGE PAINT	DEAD CULL TREES ³
			RED PAINT ¹	YELLOW PAINT ¹									GREATER THAN ²	BETWEEN		
														LOW INCHES ²		
1	REMOVAL	10			3			O		Trees marked in orange paint are reserved (note: paint may appear reddish orange). All conifers and serviceberry are reserved. Disregard all old blue paint from prior timber sale. Boundary marked in orange paint.						
2	REMOVAL	17			3			O		Trees marked in orange paint are reserved (note: paint may appear reddish orange). All conifers and serviceberry are reserved. Disregard all old blue paint from prior timber sale. Boundary marked in orange paint. All sassafras 3 inches and up must be cut.						
3	REMOVAL	52			3			O		Trees marked in orange paint are reserved (note: paint may appear reddish orange). All conifers and serviceberry are reserved. Disregard all old blue paint from prior timber sale. Boundary marked in orange paint. All sassafras 3 inches and up must be cut.						

¹ All trees marked with yellow or red paint must be felled.

² All trees larger (or between) the listed DBH value(s) should be cut with the exception of species listed under special instructions.

³ Dead cull trees marked only below stump height with a spot of yellow paint may be felled at the option of the buyer.

10:08:46 AM 03/03/2023
Sale Ident. District 09 Year 2022 Sale No. 02

Table 1
Sale Summary of Merchantable Trees

Number of Trees, Volume, Values and Volume Percentages by Species

Species	Number of Merch Trees	Net Vol M BD FT	% Net Volume	Gross Vol M BD FT	Average % Merch	Dollar Value
Red maple	38	3.6	4.9%	3.6	100%	358.10
Red oak	330	40.9	56.1%	40.9	100%	8176.60
Black oak	50	4.7	6.4%	4.7	100%	935.00
White oak	142	9.7	13.4%	10.3	94%	1461.90
Chestnut oak	210	14.1	19.3%	14.1	100%	1405.50
TOTAL	770	72.9	100.0%	73.5	99%	12337.10

Pulpwood Volume By Value And Species

Species Group	Number Trees	Hundred C FT VOL	Dollar Value
Mixed Oak (pulpwood)	700	85	1274.10
TOTAL	700	85	1274.10

Block # 1

Number of Trees, Volume, Values and Volume Percentages by Species

Species	Number of Merch Trees	Net Vol M BD FT	% Net Volume	Gross Vol M BD FT	Average % Merch	Dollar Value
Red maple	10	0.8	5.5%	0.8	100%	81.90
Red oak	48	6.1	40.6%	6.1	100%	1215.00
Black oak	22	2.3	15.1%	2.3	100%	450.80
White oak	70	5.5	36.8%	5.8	94%	826.95
Chestnut oak	3	0.3	2.0%	0.3	100%	30.50
TOTAL	153	15.0	100.0%	15.3	98%	2605.15

Pulpwood Volume By Value And Species

Species Group	Number Trees	Hundred C FT VOL	Dollar Value
Mixed Oak (pulpwood)	100	12	180.15
TOTAL	100	12	180.15

10:08:46 AM 03/03/2023
Sale Ident. District 09 Year 2022 Sale No. 02

Block # 2

Number of Trees, Volume, Values and Volume Percentages by Species

Species	Merch Trees	Number of M BD FT	Net Vol Volume	% Net M BD FT	Gross Vol % Merch	Average Value	Dollar
Red maple	14	1.3	7.7%	1.3	100%	128.40	
Red oak	73	8.6	51.7%	8.6	100%	1719.20	
Black oak	20	1.8	10.6%	1.8	100%	353.80	
White oak	44	2.5	15.3%	2.7	94%	381.75	
Chestnut oak	38	2.4	14.6%	2.4	100%	242.50	
TOTAL	189	16.6	100.0%	16.8	99%	2825.65	

Pulpwood Volume By Value And Species

Species Group	Number Trees	Hundred C FT VOL	Dollar Value
Mixed Oak (pulpwood)	200	27	400.05
TOTAL	200	27	400.05

Block # 3

Number of Trees, Volume, Values and Volume Percentages by Species

Species	Number of Merch Trees	Net Vol M BD FT	% Net Volume	Gross Vol M BD FT	Average % Merch	Dollar Value
Red maple	14	1.5	3.6%	1.5	100%	147.80
Red oak	209	26.2	63.4%	26.2	100%	5242.40
Black oak	8	0.7	1.6%	0.7	100%	130.40
White oak	28	1.7	4.1%	1.8	94%	253.20
Chestnut oak	169	11.3	27.4%	11.3	100%	1132.50
TOTAL	428	41.4	100.0%	41.5	100%	6906.30

Pulpwood Volume By Value And Species

Species Group	Number Trees	Hundred C FT VOL	Dollar Value
Mixed Oak (pulpwood)	400	46	693.90
TOTAL	400	46	693.90

Table 3

Sale Summary Breakdown By Cutting Blocks

Block Number	Dollar Value	% of Sale	Type of Cutting	Area Cut (Acres)	Sawtimber Net MBF	Pulpwood HCF	% of Total Area
1	2785	20.5%	Overstory Removal	10.0	15.0	12.0	12.7%
2	3226	23.7%	Two-Age (buffer)	17.0	16.6	26.7	21.5%
3	7600	55.8%	Overstory Removal	52.0	41.4	46.3	65.8%
Totals	13611	100.0%		79.0	72.9	84.9	100.0%

Table 4

Board Foot Volume For All Saw Timber Trees

Dbh	RM	RO	BO	WO	CO	Totals
12	245	556	232	1811	2280	5124
13	396	2732	727	2914	4164	10933
14	978	5326	657	3133	4067	14161
15	585	6963	464	1107	1814	10933
16	617	7392	1261	493	1479	11242
17	0	6884	675	114	118	7791
18	484	5791	505	174	133	7087
19	0	2277	154	0	0	2431
20	0	1110	0	0	0	1110
21	276	1614	0	0	0	1890
22	0	0	0	0	0	0
23	0	238	0	0	0	238
	3581	40883	4675	9746	14055	72940

Table 5

Total Number of Sawtimber Trees for All Trees

Dbh	RM	RO	BO	WO	CO	Totals
12	5	10	5	42	55	117
13	6	37	11	46	65	165
14	12	58	9	36	55	170
15	5	63	4	11	19	102
16	6	56	11	5	14	92
17	0	46	6	1	1	54
18	3	35	3	1	1	43
19	0	12	1	0	0	13
20	0	6	0	0	0	6
21	1	6	0	0	0	7
22	0	0	0	0	0	0
23	0	1	0	0	0	1
	38	330	50	142	210	770

Block # 1 Number Totals For All Trees

Dbh	RM	RO	BO	WO	CO	Totals
12	3	4	3	17	0	27
13	3	5	4	19	0	31
14	1	7	3	23	1	35
15	2	6	1	6	1	16
16	1	8	5	3	1	18
17	0	7	3	1	0	11
18	0	8	2	1	0	11
19	0	0	1	0	0	1
20	0	1	0	0	0	1
21	0	2	0	0	0	2
22	0	0	0	0	0	0
23	0	0	0	0	0	0
	10	48	22	70	3	153

Block # 2 Number Totals For All Trees

Dbh	RM	RO	BO	WO	CO	Totals
12	1	3	2	16	13	35
13	2	12	3	16	9	42
14	6	11	5	7	10	39
15	0	13	2	5	2	22
16	3	12	5	0	3	23
17	0	6	2	0	0	8
18	2	10	1	0	1	14
19	0	3	0	0	0	3
20	0	1	0	0	0	1
21	0	2	0	0	0	2
22	0	0	0	0	0	0
23	0	0	0	0	0	0
	14	73	20	44	38	189

10:08:46 AM 03/03/2023
Sale Ident. District 09 Year 2022 Sale No. 02

Block # 3 Number Totals For All Trees

Dbh	RM	RO	BO	WO	CO	Totals
12	1	3	0	9	42	55
13	1	20	4	11	56	92
14	5	40	1	6	44	96
15	3	44	1	0	16	64
16	2	36	1	2	10	51
17	0	33	1	0	1	35
18	1	17	0	0	0	18
19	0	9	0	0	0	9
20	0	4	0	0	0	4
21	1	2	0	0	0	3
22	0	0	0	0	0	0
23	0	1	0	0	0	1
	14	209	8	28	169	428