

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: 18-2019BC02

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: hkerr@pa.gov
3. Questions regarding the prospective sale will be accepted and answered via telephone between 9:00 AM and 12 noon on **December 2**, by calling Heather Kerr ([570-449-4125](tel:570-449-4125))
4. Bidders MUST participate in a mandatory conference call at _____ AM on _____ by calling (____ - ____ - ____). (Only applicable if date/time/phone number are provided.) **NA**
5. Bids will ONLY be accepted by United States Mail (or by delivery services, such as Federal Express or UPS).
6. Sealed, signed bids must be mailed to:
Pennsylvania Department of Conservation and Natural Resources
Office of Chief Council, 7th Floor
Rachel Carson State Office Building
400 Market Street
Harrisburg, PA 17101-2301

Bids must be mailed and Postmarked by **Tuesday, December 8, 2020**. The bids will be opened at 12PM, prevailing local time, **Wednesday, December 16, 2020**. The mailing and postmark requirement applies to ALL bids regardless of the mail or delivery carrier used.

7. There will be no public bid opening.
8. 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.
9. 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 18-2019BC02
Labradoodle Legs
Bid Opening Date December 16, 2020

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

PROSPECTUS

Weiser State Forest Timber Stumpage Sale 18-2019BC02
Labradoodle Legs
Whole Tree Harvest Permitted with Restrictions

The Department offers for sale the following FSC® (FSC-C004248) and SFI® (NSF-SFI-FM-C0435749) certified sawtimber and pulpwood stumpage on 240 acres located Slusser Road, Windsor, West Brunswick Township, Berks, Schuylki County, Pennsylvania.

Bids must be postmarked by Tuesday, December 8, 2020. The bid opening date is Wednesday, December 16, 2020.

VOLUME COMPUTATIONS:

SAWTIMBER		PULPWOOD	
SPECIES	*MBF	SPECIES	**HCF
Red Oak	307.736	Mixed Oak (pulpwood)	828
Chestnut Oak (dead)	201.886	Mixed Oak (pulpwood) (dead)	664
Chestnut Oak	163.793	Mixed Hardwood (pulpwood)	406
Black Oak	110.422	Red Maple (pulpwood)	216
Scarlet Oak	72.435	Northern Hardwood (pulpwood)	51
Red Oak (dead)	25.638	Northern Hardwood (pulpwood) (dead)	2
Miscellaneous	47.708	Miscellaneous Pulpwood	3
	<hr/>		<hr/>
	929.618		2167

*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 volume for block 1 was 100% tallied. Sawtimber volumes for blocks 2, 3, 4, 5, 6 and 7 were Variable Plot Prism Cruised. Pulpwood volume for block 1 was 10% tallied. Pulpwood volumes for blocks 2, 3, 4, 5, 6 and 7 were Variable Plot Prism Cruised.

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, 6 & 7 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, October 31, 2022.**

This and other prospectuses may be found on the WEB @
<http://www.dcnr.state.pa.us/forestry/stateforestmanagement/timbersales/availabletimbersales/index.htm>

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: hkerr@pa.gov. Questions will be answered via a phone call between 9am and 12 noon on December 2. Please call Heather Kerr ((570) 449-4125)

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, PO Box 315 (16 Weiser Lane), Aristes, PA 17920-0000, Telephone (570) 875-6450. 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 18-2019BC02
Labradoodle Legs
Bid Opening Date December 16, 2020

Sealed, signed bids must reach Pennsylvania Department of Conservation and Natural Resources, Bureau of Chief Counsel, 7th Floor, Rachel Carson State Office Building, 400 Market Street, Harrisburg, PA 17101-2301 **Bids must be postmarked by Tuesday, December 8, 2020. The bids will be opened at 12:00 PM, prevailing local time, Wednesday, December 16, 2020.** A certified, cashier's, treasurer's check or official check or bank, postal or express money order payable to the Commonwealth of Pennsylvania for \$ 10,000.00 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 bid bond on file with the Bureau of Chief Counsel 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 \$235,624.00. This is the Department's estimated minimum valuation for the timber after a deduction of \$1,556.20 for the Department's estimated cost of construction, improvement and seeding of haulroads. 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:

<u>BID VALUE</u>	<u>PERFORMANCE DEPOSIT</u>
Less than \$50,000	25% of the sum of the bid value plus the Department's estimated road and seeding costs (in the prospectus)

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\$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 seven (7) blocks. The order of cutting blocks is optional, except haulroad first, which is block 1. 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.

FELLING OF TREES:

All trees marked with yellow or red paint must be felled. All designated trees and unmarked trees 2 inches or more DBH on cutting block(s) 2, 3, 4, 5, 6 & 7. All sale boundary and block line trees marked with a band of blue paint at DBH and a spot of blue paint below stump height are reserved and must not be felled. Save trees marked with a spot of blue paint at DBH and below stump

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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.

CULL TREES:

Two hundred and fifty (250) cull trees marked with an 'X' above stump height must be felled. Cull trees marked with an 'X', must be dropped and left on site where they were felled.

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 permitted with restrictions for the entire sale (See additional Restrictions). For whole tree harvesting: 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 lead into and/or within the sale area: none.

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 seeded for this sale. Before sale termination the buyer must deliver to District Office the following material: 60 lbs. rye seed, 100 lbs. Ernst Seed Eastern Native Habitat & CREP, and 100 bales straw mulch.

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

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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 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, Newport Center Office Bldg., Route 41, P.O. Box 67, Gap, PA 17527, telephone 717-442-9372 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

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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:

For whole tree harvesting:

Overstory Removal Treatments (Clean Chip or processed with a delimber)

- a. Trees under 16" DBH may be whole-tree skidded but must either be cleaned chipped or processed with a delimber. Whole-tree chipping where the whole tree, including all the limbs and tops, is chipped will not be allowed.
 - b. Tops and flail residue must then be carried back on site.
 - i. Operators must keep up daily with removal of tops and flail residue from landing.
 - ii. Tops and flail residue must be scattered evenly over site. (Not just around log landings or on main skid trails)
 - iii. Tops and flail residue may be spread on the main skid trail if they provide the benefit of erosion control.
 - iv. Tops and flail residue should be dropped where the operator can drag next skid through to scatter the tops and flail residue.
 - c. All trees 16" DBH or greater must be limbed and topped at a minimum of 4" where they are felled. All resulting slash is reserved.
 - d. Minimum of 2-5 non-merchantable logs/acre must be retained on site. This will be accomplished using the following methods.
 - ** Cull trees marked with an X, must be dropped and left on site where they were felled.
- Down woody debris must be retained on site
- e. Permission will be granted on a block basis. Failure to follow these guidelines will require all trees to be topped where they fall.

Overstory Removal with whole-tree chipping including fine branches (Dirty or Field Chips)

- a. Trees under 12" DBH may be whole-tree skidded and chipped
- b. All trees 12" DBH or greater must be limbed and topped at a minimum of 4" where they are felled. All resulting slash is reserved. Could also increase DBH to 14", and topped at a minimum of 8' where they are felled.
- c. Minimum of 2-5 non-merchantable logs/acre must be retained on site. This will be accomplished using at least one of the following methods or a combination of the following methods.
 - i. ** Cull trees marked with an X, must be dropped and left on site where they were felled.
 - ii. Down woody debris must be retained on site
- d. Permission will be granted on a block by block basis. Failure to follow these guidelines will require all trees to be topped where they fall.

No trees will be cut nor access granted in leave islands marked with three blue slash marks.

The successful bidder on the Labradoodle Legs timber sale on Weiser State Forest will have the opportunity to purchase the Five Bucks timber sale on SGL 106 at a commensurate price.

This and other prospectuses may be found on the WEB @

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

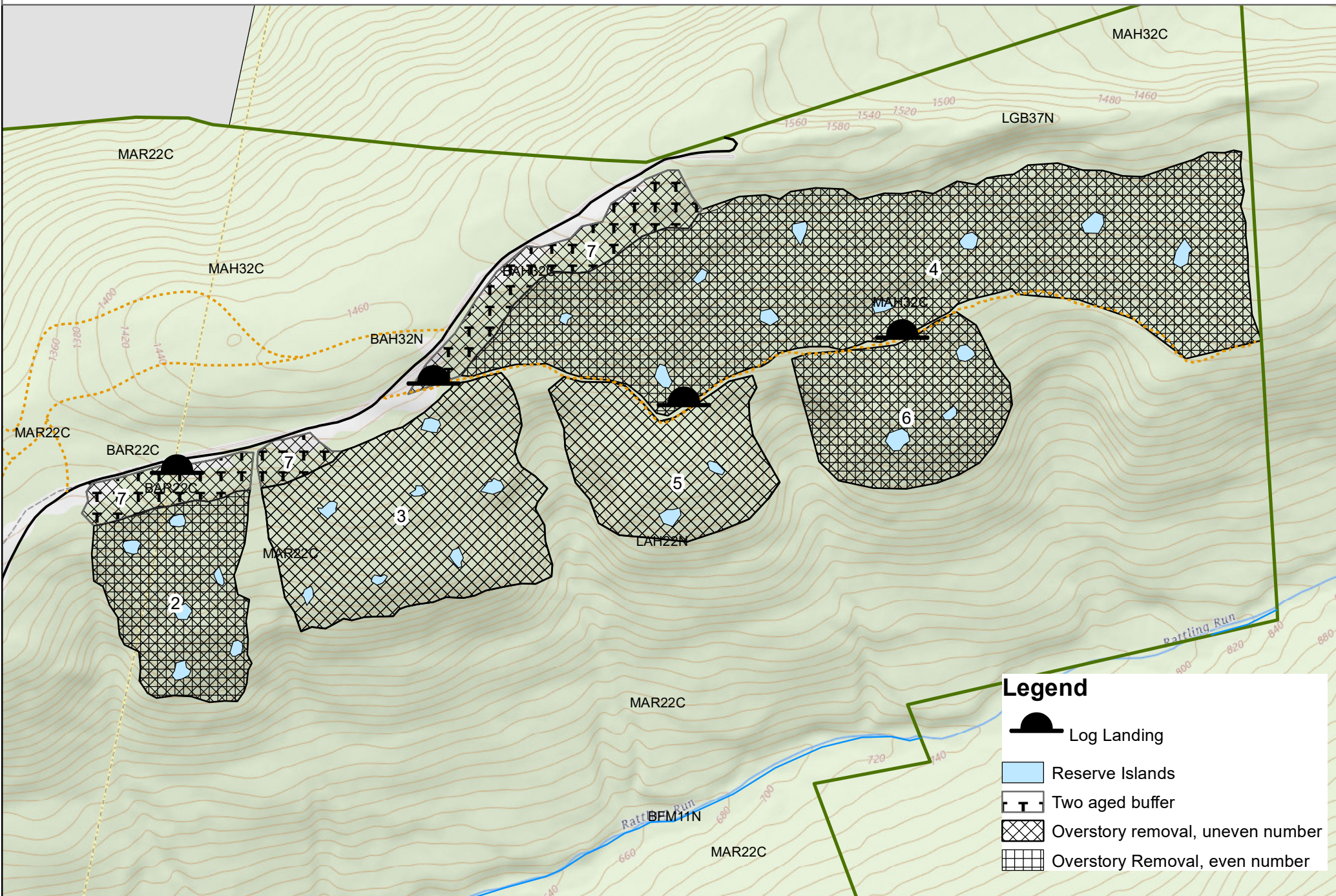


EXHIBIT B 18-2019BC02 (Labradoodle Legs)
Summary of Trees to be Felled or Reserved by Cutting Block

BLOCK NUMBER	TREATMENT	BLOCK ACRES	CUT TREES (must be felled)						LEAVE	OPTIONAL	SPECIAL INSTRUCTIONS
			PAINTED		UNPAINTED			BLUE PAINT	DEAD CULL TREES ³		
			RED PAINT ¹	YELLOW PAINT ¹	GREATER THAN ²	BETWEEN					
						LOW INCHES ²	HIGH INCHES ²				
1	HAUL ROAD	2	R								
2	SALVAGE REMOVAL	23			2			B		Leave trees are painted blue. Serviceberry and Pine species are to remain UNCUT regardless of paint	
3	SALVAGE REMOVAL	44			2			B		Leave trees are painted blue. Serviceberry and Pine species are to remain UNCUT regardless of paint	
4	SALVAGE REMOVAL	101			2			B		Leave trees are painted blue. Serviceberry and Pine species are to remain UNCUT regardless of paint	
5	SALVAGE REMOVAL	24			2			B		Leave trees are painted blue. Serviceberry and Pine species are to remain UNCUT regardless of paint	
6	SALVAGE REMOVAL	25			2			B		Leave trees are painted blue. Serviceberry and Pine species are to remain UNCUT regardless of paint	
7	SALVAGE REMOVAL	21			2			B		Leave trees are painted blue. Serviceberry and Pine species are to remain UNCUT regardless of paint	

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.

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

District Sale Number
18-2019BC02
(Labradoodle Legs)
Opening **12:00 PM**
Local Prevailing Time
12/16/2020

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 **\$10,000.00**, 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 **\$235,624.00** will be rejected.

SPECIAL PROVISIONS FOR THE "FIVE BUCKS" TIMBER SALE

STATE GAME LANDS # 106

1) ADMINISTRATIVE ITEMS

- a) **The successful bidder on the Labradoodle Legs timber sale on Weiser State Forest will have the opportunity to purchase the Five Bucks timber sale on SGL 106 at a commensurate price.**
- b) **There will not be a pre bid tour. Contact Curtis Noll 610-413-1706 if you have any questions.**
- c) The timber sale will be accessed using Weiser State Forest road network.
- d) It is further understood that an acceptable bond of **\$7,000.00** will be provided to guarantee faithful performance of the agreement
- e) For this timber harvest, all pulpwood trees may be felled, skidded and chipped in their entirety. A pulpwood tree is defined as follows: that is any tree between 1" DBH and 12" DBH and which does not contain a merchantable saw log.
- f) The Regional Forester or his designee will closely monitor harvest and skidder damage to residual trees. If damage becomes excessive additional restrictions will be placed on the harvest. Total disregard to the residual trees and failure to take corrective actions will result in payment of damages and/or termination of the timber contract.
- g) If site conditions in the woods (for felling, skidding or trucking) or the use of the haul road become too wet, muddy or ice covered and could or will cause damage to the property, all phases of the job will be suspended until working conditions are favorable. The Regional Forester will make the final decision in this matter.

2) BOUNDARIES, BLOCKS AND CUTTING INSTRUCTIONS

- a) All sale activity (Felling, Skidding & Trucking) is restricted to the defined sale area. Sale area boundary is defined by blue paint.
- b) No skidding is permitted on the haul road.
- c) In all blocks: All Red and Blue painted trees must be left standing and not damaged. All unmarked trees 1" in diameter and larger in these blocks must be cut through and placed on the ground.
- d) All stumps must be less than 12" in height when measured from the ground.
- e) All tree tops left on site must be lopped down to a maximum height of 6'.

3) US /STATE / LOCAL ROADS

- a) Weiser State Forest road network off of RT 61.

4) GAME LAND ROADS TO BUILD / IMPROVE

- a) The timber contractor must improve an existing haul road at this location for a total distance of 7,000 feet. The road must have a 12-foot running surface along with a crown and side ditches. Water bars, intercept dips, and water turnouts will be used for draining surface water. Stone will be required on portions of road. All stone locations will have the material tailgate spread to a depth of 2 inches. The Regional forester will designate specific locations for stone, culvert pipes and water bars. The side ditches and all disturbed areas must be seeded immediately following

construction of the road.

b) Required Clean Limestone for this harvest

1. Stone is for all designated locations on the haul road.
2. Minimum of 425 tons of AASHTO # 3 (similar to 3A modified) stone is required. 50 tons for pre-sale preparation, 100 tons for in sale repairs and 275 tons for sale retirement.
3. Minimum of 150 tons of AASHTO #1 stone is required before the timber sale can begin.
4. Receipts may be required to verify the amount of stone applied to the designated locations.

c) Haul Road Construction / Timeframe

1. The Regional Forester will designate all locations for water bars, culvert pipes, stone and intercept dips. Side ditches and disturbed areas must be seeded immediately following grading of the haul road. All road improvements must be completed and approved by the Regional Forester.
2. The timber contractor will supply and install one smooth bore 15" X 20' black plastic culvert pipe. The pipe must be installed with a backhoe and be covered with a minimum of 15" of AASHTO # 3 stone. Stone head walls must be set on each end of each pipe. The pipe must have side ditches for the drainage of water to the pipe and a tailrace for drainage out of the pipe.
3. All road improvements must be allowed to settle for 30 days prior to any usage. During that time period no truck activity will be permitted on the newly graded or constructed road. This requirement will be waived if the operator provides a vibrating roller to compact the entire road surface. The road must have a solid surface and not show any movement. The use of the roller is at the discretion of the contractor.
4. Construction and or improvement of the haul road should occur during the time period of April 1 to October 10. During times of wet site conditions no road construction will be permitted.
5. Between October 10 and April 1 road construction and road improvements will be permitted providing the following conditions can be met.
 - a. The site conditions must be favorable for the construction of a quality road (Not wet or frozen ground). Excavation and grading of the haul road along with installation of culvert pipe must be able to be completed without creating an erosion hazard.
 - b. Seeding will occur at the completion of the construction. Straw mulch must be applied to all locations, which would require seeding. (Applies to this Time Period).
 - c. The ground must be workable and able to be compacted. Access for stone trucks must adequate. Designated log landing locations must be cleared.
 - d. The Regional Forester will have the final decision to approve construction/improvement of the haul road and landing.
6. The condition of the haul road on Weiser State Forest from the eastern most State Forest log landing to the PGC boundary must be approved by the Bureau of Forestry representative and PGC before sale retirement.
7. All equipment will be cleaned of soil and debris before being moved onto site to prevent spread of invasive species.
8. The road will be inspected and approved by the Regional Forester prior to any usage by the timber operator.

5) **LANDINGS**

- a) Three locations have been designated as the log landings for this harvest. The landings are located in blocks 1, 3, and 6. At each location the contractor will be required to build a log landing. The log landings will require the excavation of stumps and rocks as well as the grading and leveling of the site. The contractor will be permitted to load trucks on the haul road providing there is a clear path for other Game Land users to safely utilize the road.
- b) Total size of each landing will be less than ½ acre in size.
- c) Upon completion of the harvest operation, each landing must be cleared of all logging debris/slash and then graded, limed, fertilized, seeded, and mulched.

6) **SKIDDING**

- a) No skidding outside of the designated sale area.
- b) Skidding is permitted on the existing firebreak trail. Sections of the firebreak trail inside or near the timber sale must be cleared of debris at the conclusion of logging and any sections used for skidding must be regraded with water bars installed.
- c) Skidding of material onto the landings may require the crossing of the haul road at one location. Damage to the road surface will be repaired immediately following the completion of the harvest in the blocks. Crossing sites must be approved by the regional forester.
- d) Skidding is not permitted through reserve sale areas or islands.
- e) All material to be removed from all sale blocks must be skidded to the landings.
- f) If a skid trail will be sitting idle for one month or more they must have open and functional water bars.
- g) All skid trails will require the grading of wheel ruts, the installation of water bars and seeding at the conclusion of the harvest operation.

7) **SEEDING OF ROADWAYS AND LANDINGS**

- a) The entire haul road from the eastern most State Forest log landing to the last PGC log landing will require grading at the completion of the harvest. Final grading and ditches must be established with bull dozer with a six way blade or equivalent piece of equipment. Use of a log skidder or similar type of equipment is not acceptable for grading the road. Failure to use the proper equipment will require a second grading of the road. Approximately 3,200 feet of road will be top dressed with stone and the remainder (about 4,000 feet of road) will be seeded.
- b) Seeding of disturbed sections of the haul road will be required as designated by the Regional Forester.
- c) Seeding Specifications:

TRAILS AND ROAD

4 lbs. New Zealand White Clover/acre
4 lbs. Red Clover/Acre
3 lbs. Birdsfoot Tree Foil/Acre
60 lbs. Wheat/acre – fall
60 lbs Oats/acre - spring

Fertilizer: 400 lbs of 10-10-10/acre

Ground Limestone:	2 tons of lime/acre (Lime must contain 1.4% Mg)
Straw Mulch:	100 bales per acre of clean wheat straw

Straw Mulch is for the seeding of the Log Landings and designated portion of the haul road. Straw must spread to a depth of less than ½" over the entire seeded location. Clean wheat straw must be used as mulch. No hay or other grass mulch will be permitted. Use of mechanized spreader for straw mulch is required.

Approximately 2.6 acres are expected to be seeded at the conclusion of the harvest. The breakdown is as follows:

Log landings	1.5 acres
Skid Trails	0.1 acre
Haul Road	1.0 acres

Spring Seeding:	April 1 to May 30
Fall Seeding:	September 1 to October 10

A vegetative cover on all seeded sites will be acceptable when 70 percent of the site has the desired cover. The performance bond will not be released until this requirement is satisfied.

d) Sale Block Clean-up

1. All cleanup work in a sale block must be completed before the contractor will be permitted to move into the next cutting block.
2. All skid trails must be leveled and water bars installed where needed or when directed by the Regional Forester
3. All skid trails must be seeded immediately (spring & fall seeding period) following the completion of its usage.
4. Each log landing must be graded, sawdust and logging debris scattered along with bare mineral soil exposed, and ground lime, fertilizer, seed and straw mulch applied. Seeding of these sites is only permitted during the designated seeding periods.
5. The contractor must notify the Regional Forester prior to the application of lime, fertilizer, seed and mulch.

8. OPERATIONS AND NON-WORK DAYS

a) No in woods operations will be permitted on the following days for the period of this contract:

1. All Saturdays in the months of October, November, December and January.
2. The opening day and all Saturdays during spring gobbler season, including the youth spring gobbler hunt.
3. The four days of the general statewide bear season.
4. The entire two weeks of the general firearms deer season.
5. The opening day of the flintlock muzzleloader season.

b) The timber operator, employees and sub-contractors may not hunt to, from, or at the job site when the work location is beyond a gated road that is closed to public travel. The contractor may travel to and from the work location on no-work days to check on the condition of equipment. **No felling, skidding, trucking, equipment repair or access for the purpose of hunting at the job site will be permitted.**

c) **Except on Sundays, it is unlawful to be present on State Game Lands from November 15 through December 15 inclusive when not engaged in lawful hunting or trapping and fail to wear a minimum of 250 square inches of daylight fluorescent-orange material on the head, chest and back combined, or in lieu thereof, a hat of the same colored material. The material shall be worn so it is visible in a 360-degree arc.**

9. SAFETY AND LOGGER TRAINING

- a) The buyer, his employees and sub-contractors are expected to perform all logging operations in a safe manner as required by applicable laws and regulations. The Commission 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).
- b) The PGC recommends that logging crews working on State Game Lands be trained in safe logging techniques and sound environmental logging practices through a formal training program such as the one provided by the Pennsylvania Sustainable Forestry Initiative or another similar course.

10. MISCELLANEOUS

- a) The timber contractor must comply with erosion and sedimentation control plan for the harvest site. The plan must be on site and available for inspection at all times.
- b) The timber operator should review the plan, due to his responsibility for the implementation of erosion controls during the harvest operation.
- c) Vehicle traffic on the PGC access road shall not exceed 25 MPH.
- d) The selling of firewood to the general public will not be permitted. The sale of firewood to a commercial firewood contractor is permitted.
- e) Payment for block 4 of the sale is required at the time of execution of the timber contract. Failure to provide this payment will void the timber contract.
- f) **Payment for at least three blocks is due by October 31, 2021.**
- g) **This timber contract will expire on October 31, 2022.**
- h) **Final payment is due no later than 120 days before the expiration of the agreement.**
- i) This timber sale falls in the spotted lanternfly quarantine area. The buyer is responsible for understanding and complying with all applicable requirements. Up to date information can be found at www.pda.state.pa.us/spottedlanternfly.

Report For Five Bucks

Sale Name:	Five Bucks	SGL Number:	106
Forester:	Noll	Report Date:	08/22/2019
Blocks Numbers in Sale:	1,2,3,4,5,6	Acres:	170.1
County:	Berks	Township:	Albany,Windsor

The Pennsylvania Game Commission SGL #106 - Five Bucks Timbersale Scribner Rule (BDFt) - All Volumes are Estimates

Sale Summary by Harvest Block												
Block Number	Area		Harvest Type	Sawtimber			Pulpwood			Culls		
	Acres	% of Sale		Method	BDFt	Per Acre	% of Sale	Method	Tons	Per Acre	% of Sale	
1	42	25%	Clearcut with Reserves	BAF 10 Plot	68,456	1,619	33%	BAF 10 Plot	1,808	43	23%	9
2	34	20%	Clearcut with Reserves	BAF 10 Plot	52,881	1,569	25%	BAF 10 Plot	1,556	46	20%	0
3	36	21%	Clearcut with Reserves	BAF 10 Plot	38,318	1,059	18%	BAF 10 Plot	1,818	50	23%	0
4	11	6%	Seed-Tree	BAF 10 Plot	21,691	2,019	10%	BAF 10 Plot	448	42	6%	0
5	19	11%	Seed-Tree	BAF 10 Plot	16,430	863	8%	BAF 10 Plot	887	47	11%	17
6	28	17%	Seed-Tree	BAF 10 Plot	9,774	348	5%	BAF 10 Plot	1,266	45	16%	0
Total	170	100%			207,550		100%		7,784	45.8	100%	27

Pulpwood was sampled in block(s) 1, 2, 3, 4, 5, 6 with a precision of +/- 6.3% (90% C.I.)

Sawtimber was sampled in block(s) 1, 2, 3, 4, 5, 6 with a precision of +/- 18.9% (90% C.I.)

The Pennsylvania Game Commission

SGL #106 - Five Bucks Timbersale

Scribner Rule (BDFE) - All Volumes are Estimates

Block All - 170 acres																										
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons	
N. Red Oak	199	10,217	328	26,443	160	20,368	113	19,271	76	19,056	15	5,864	4	1,601	0	0	0	0	0	0	896	102,820	115	670	269	
Chestnut Oak	643	24,600	306	21,226	132	17,457	53	5,709	0	0	0	0	0	0	0	0	0	0	0	0	1,134	68,992	61	7,719	2,326	
Scarlet Oak	121	5,110	124	9,463	38	3,649	11	1,423	0	0	8	2,163	0	0	0	0	0	0	0	0	301	21,808	72	1,236	417	
Black Oak	24	791	43	2,891	14	1,969	0	0	0	0	0	0	0	0	0	0	0	0	0	82	5,651	69	82	22		
Red Maple	51	2,265	36	2,885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	5,151	59	3,609	705		
Sweet Birch	0	0	37	1,832	19	1,296	0	0	0	0	0	0	0	0	0	0	0	0	0	57	3,128	55	1,523	312		
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,208	1,522	
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,727	1,271	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,254	573	
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	61	
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141	56	
Eastern Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	289	38	
White Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	289	34	
Scarlet Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	33	
Black Cherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127	27	
Chestnut Oak - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	25	
Eastern Hemlock - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	20	
Eastern Hemlock - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115	20	
Sassafras - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187	18	
Black Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	18	
Red Maple - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	12	
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	7	
Total	1,038	42,983	875	64,740	363	44,739	177	26,403	76	19,056	23	8,027	4	1,601							2,557	207,550	81	36,741	7,784	

The Pennsylvania Game Commission

SGL #106 - Five Bucks Timbersale

Scribner Rule (BDFE) - All Volumes are Estimates

Block 1 - 42 acres																																																
	10"-12" DBH				14" DBH				16" DBH				18" DBH				20" DBH				22" DBH				24" DBH				26" DBH				28" DBH				30"+ DBH				Sawtimber Totals				Pulpwood			
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons																	
N. Red Oak	26	882	75	6,365	58	7,316	46	8,150	18	5,025	15	5,864	0	0	0	0	0	0	0	0	0	0	0	0	0	238	33,601	141	95	24																		
Chestnut Oak	282	9,867	151	10,922	14	1,450	23	2,435	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	470	24,674	52	1,628	543																		
Scarlet Oak	51	2,088	19	1,833	14	909	0	0	0	0	8	2,163	0	0	0	0	0	0	0	0	0	0	0	0	0	92	6,992	76	139	57																		
Red Maple	51	2,265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	2,265	44	729	193																		
Sweet Birch	0	0	19	923	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	923	49	292	61																		
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,830	380																		
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	702	248																		
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,505	211																		
Chestnut Oak - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	15																		
Red Maple - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	12																		
Eastern Hemlock - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	12																		
Scarlet Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	12																		
Black Cherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	11																		
Eastern Hemlock - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	11																		
Sassafras - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	10																		
Eastern Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	10																		
Total	410	15,102	264	20,043	87	9,674	68	10,584	18	5,025	23	8,027														870	68,456	79	8,476	1,808																		

The Pennsylvania Game Commission

SGL #106 - Five Bucks Timbersale

Scribner Rule (BDFE) - All Volumes are Estimates

Block 2 - 34 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons	
N. Red Oak	0	0	93	7,844	28	3,627	34	5,387	45	10,596	0	0	0	0	0	0	0	0	0	0	200	27,455	137	55	45	
Chestnut Oak	25	801	74	4,433	57	8,541	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156	13,775	88	1,096	361	
Scarlet Oak	0	0	74	5,874	14	1,428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	7,302	83	199	76	
Black Oak	0	0	0	0	14	1,969	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	1,969	139	0	0	
Red Maple	0	0	19	1,472	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	1,472	79	1,001	162	
Sweet Birch	0	0	19	909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	909	49	387	95	
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,692	367	
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,647	215	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,149	158	
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	24	
White Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	259	24	
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	12	
Eastern Hemlock - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	10	
Eastern Hemlock - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	8	
Total	25	801	278	20,532	114	15,566	34	5,387	45	10,596										496	52,881	107	7,684	1,556		

The Pennsylvania Game Commission

SGL #106 - Five Bucks Timbersale

Scribner Rule (BDFE) - All Volumes are Estimates

Block 3 - 36 acres																																														
	10"-12" DBH				14" DBH				16" DBH				18" DBH				20" DBH				22" DBH				24" DBH				26" DBH				28" DBH				30"+ DBH				Sawtimber Totals				Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons													
N. Red Oak	97	5,181	107	8,381	55	6,968	11	954	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	269	21,485	80	256	112														
Chestnut Oak	194	9,065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194	9,065	47	2,017	529															
Scarlet Oak	49	1,975	18	826	0	0	11	1,423	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	4,224	55	243	83															
Black Oak	24	791	18	1,340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	2,131	51	35	8															
Red Maple	0	0	18	1,414	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	1,414	79	695	135															
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,884	336															
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,802	302															
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	964	122															
Sweet Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	696	105															
Eastern Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187	28															
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	20															
Black Cherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	16															
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	12															
Scarlet Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	10															
Total	364	17,012	160	11,961	55	6,968	22	2,378																			600	38,318	64	9,933	1,818															

The Pennsylvania Game Commission

SGL #106 - Five Bucks Timbersale

Scribner Rule (BDFE) - All Volumes are Estimates

Block 4 - 11 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons	
N. Red Oak	17	923	38	2,626	19	2,457	15	3,292	6	1,894	0	0	4	1,601	0	0	0	0	0	0	100	12,791	128	25	9	
Chestnut Oak	51	1,627	38	3,060	19	2,264	8	1,003	0	0	0	0	0	0	0	0	0	0	0	0	116	7,955	69	543	169	
Black Oak	0	0	13	945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	945	75	17	7	
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	425	149	
Red Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	181	44	
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	19	
Scarlet Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	10	
Chestnut Oak - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	10	
Sweet Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	8	
Black Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	8	
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	8	
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	7	
Total	68	2,549	88	6,630	38	4,721	23	4,295	6	1,894			4	1,601							228	21,691	95	1,450	448	

The Pennsylvania Game Commission

SGL #106 - Five Bucks Timbersale

Scribner Rule (BDFE) - All Volumes are Estimates

Block 5 - 19 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons	
Chestnut Oak	69	2,195	13	590	29	3,604	23	2,271	0	0	0	0	0	0	0	0	0	0	0	0	134	8,660	65	980	306	
N. Red Oak	17	595	0	0	0	0	8	1,489	6	1,541	0	0	0	0	0	0	0	0	0	0	31	3,625	116	209	68	
Scarlet Oak	0	0	13	930	10	1,313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	2,243	100	218	62	
Sweet Birch	0	0	0	0	19	1,296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	1,296	67	123	43	
Black Oak	0	0	13	606	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	606	48	0	0	
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	791	246	
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	498	75	
Red Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266	52	
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	
Black Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	9	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	8	
Total	87	2,790	38	2,126	58	6,213	31	3,760	6	1,541											220	16,430	75	3,196	887	

Scribner Rule (BDFE) - All Volumes are Estimates

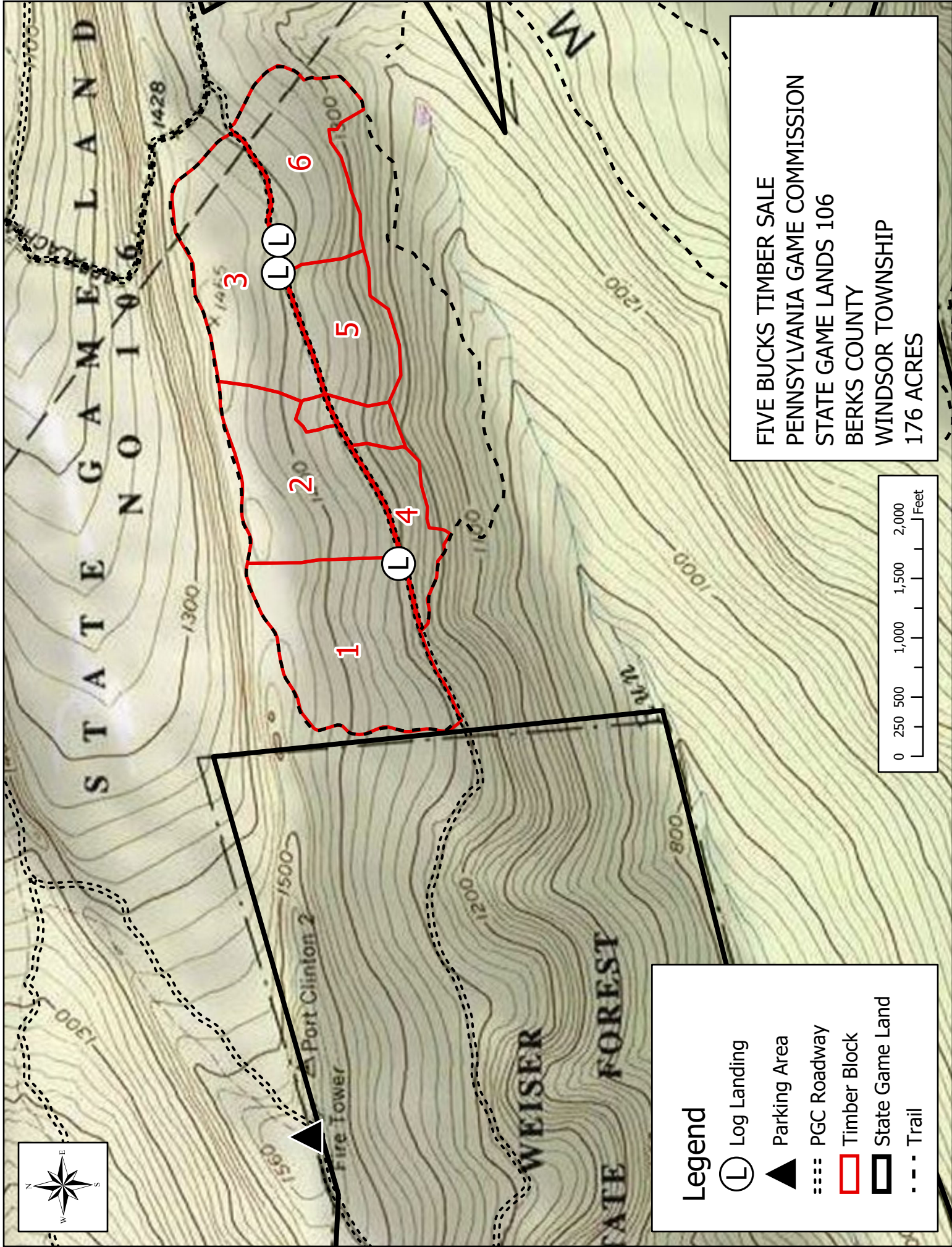
Block 6 - 28 acres

The Pennsylvania Game Commission

SGL #106 - Five Bucks Timbersale

Scribner Rule (BDFE) - All Volumes are Estimates

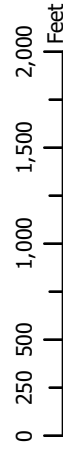
Block All - 170 acres - Pulp Tree Stand and Stock Table																						
Species	2" DBH		4" DBH		6" DBH		8" DBH		10" DBH		12" DBH		14" DBH		16" DBH		18" DBH		20"+ DBH		Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Tons
Chestnut Oak	0	0	0	0	2,900	221	4,642	866	4,445	1,514	1,335	725	498	371	104	106	40	53	0	0	13,971	3,873
Black Gum	0	0	0	0	6,210	651	2,258	297	1,070	239	141	54	47	30	0	0	0	0	0	0	9,727	1,271
Red Maple	0	0	0	0	2,289	262	883	181	305	111	240	139	18	14	14	17	0	0	0	0	3,750	724
Sassafras	0	0	0	0	2,288	240	1,563	201	500	111	72	28	19	11	0	0	0	0	0	0	4,441	591
Scarlet Oak	0	0	0	0	69	6	445	86	517	178	261	147	37	31	0	0	0	0	0	0	1,329	449
N. Red Oak	0	0	0	0	138	13	112	21	232	75	224	119	56	45	10	10	22	33	6	13	800	330
Sweet Birch	0	0	0	0	693	83	427	79	292	94	110	56	0	0	0	0	0	0	0	0	1,523	312
White Oak	0	0	0	0	202	16	57	9	122	40	50	25	0	0	0	0	0	0	0	0	430	90
Eastern Hemlock	0	0	0	0	200	18	226	38	35	11	26	12	0	0	0	0	0	0	0	0	486	78
Black Oak	0	0	0	0	68	8	0	0	65	15	17	7	0	0	0	0	0	0	6	10	157	40
Black Cherry	0	0	0	0	103	11	0	0	0	0	24	16	0	0	0	0	0	0	0	0	127	27
Sugar Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Striped Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total					15,160	1,527	10,613	1,777	7,583	2,387	2,500	1,330	675	503	128	134	62	86	12	23	36,741	7,784



Legend

- Log Landing
- Parking Area
- PGC Roadway
- Timber Block
- State Game Land
- Trail

FIVE BUCKS TIMBER SALE
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 106
BERKS COUNTY
WINDSOR TOWNSHIP
176 ACRES





RT 61

ACCESS ROAD
40.599667, -76.000628

ACCESS ROAD
40.598210, -76.024770

WEISER STATE FOREST

Schuylkill County
Berks County

PORT CLINTON

FIVE BUCKS TIMBER SALE
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 106
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176 ACRES

Legend

Ⓛ Log Landing

▲ Parking Area

⋯ PGC Roadway

▤ PA State Roads

— Stream

▭ State Game Land

▤ PA County

0 500 1,000 2,000 3,000 4,000 Feet

