

STATE GAME LANDS #: 106

SALE: 106-2022-05

NAME: Five Bucks 2

PENNSYLVANIA GAME COMMISSION

2001 ELMERTON AVENUE

HARRISBURG, PA 17110-9797

ATTN: FORESTRY DIVISION, BUREAU OF WILDLIFE HABITAT MANAGEMENT

Gentlemen:

In answer to a recent advertisement for lump sum bids on an estimated 207,887 board feet of sawlogs and 6,064 tons of pulpwood located on 170 acres of State Game Lands No. 106, Albany and Windsor Townships, Berks County, I offer the following:

\$

(BID QUOTATION MUST BE TYPEWRITTEN OR IN INK)

Full payment will be made when agreements are signed or payment in full for each individual cutting block before cutting operations are started on that block.

It is further understood that an acceptable bond of **\$7,000.00** will be provided to guarantee faithful performance of the agreement.

Removal of timber to be subject to the terms, conditions and stipulations included in the Timber Sale Agreement. It is understood that the contract will run until **June 30, 2025**.

ATTACHED IS **CERTIFIED, CASHIER'S OR TREASURER'S CHECK OR MONEY ORDER, (PERSONAL, COMPANY, CORPORATE CHECK OR CASH ARE NOT ACCEPTED)**, IN THE AMOUNT OF **\$1,000.00** as evidence of good faith in bidding. I understand that it will be forfeited as fully liquidated damages upon my failure within 45 days after presentation to accept and execute the contract and provide a bond as required.

IN CASE OF PARTNERSHIP, EACH PARTNER SIGNS: IF A CORPORATION, THE AUTHORIZED OFFICER MUST SIGN, GIVING HIS/HER TITLE AND NAME OF CORPORATION.

Sincerely yours,

(Tax No. or Social Security No.)

Signature of Bidder - Sign In Ink

(Telephone Number)

Print Name

Firm Name

Street Address (Name, Number, Etc.)

City

State

Zip

BIDS MUST BE SUBMITTED IN AN ENVELOPE THAT CLEARLY STATES ON THE OUTSIDE: **BID PROPOSAL FOR TIMBER SGL #106**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, May 15, 2023**. The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

STATE GAME LANDS #: 106
SALE #: 106-2022-05
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- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 207,887 board feet of sawlogs and 6,064 tons of pulpwood to be cut from 170 acres of State Game Lands No. 106, Albany and Windsor Townships, Berks County.

See attached sheets for additional volume information. The volume and percentages are not guaranteed and each prospective bidder is urged to examine the sale area and bid on the basis of his own estimate.

- SHOW DATE -

Timber will be shown to prospective bidders on **April 27, 2023**. Viewers will be met at **the intersection of Oaks and Slusser Roads (40.59600, -76.01080)** at 12:00 p.m., and conducted to the sale area.

The timber to be sold will be clearly designated by **Jonathan Weaver, 253 Snyder Road, Reading, PA 19605**, telephone: 1-610-926-3136, the Regional Forester.

- BIDS -

BIDS SHOULD BE MAILED AT LEAST FOUR (4) WORKING DAYS PRIOR TO BID OPENING TO PERMIT U.S. POSTAL SERVICE DELIVERY. USE SPECIAL MAIL SERVICE IF MAILED LATER THAN FOUR DAYS PRIOR TO BID OPENING. SPECIAL DELIVERY BIDS SHOULD BE ADDRESSED TO: PENNSYLVANIA GAME COMMISSION, FORESTRY DIVISION, 2001 ELMERTON AVENUE, HARRISBURG, PA 17110-9797.

Bids must be submitted in an envelope that clearly states on the outside: **BID PROPOSAL FOR TIMBER. SGL #106**. Bids received in envelopes not containing this information will be rejected.

In order to be considered, the bid shall be accompanied by a **CERTIFIED, CASHIER'S OR TREASURER'S CHECK, OR A BANK, POSTAL OR EXPRESS MONEY ORDER**, payable to the Pennsylvania Game Commission in the amount of **\$1,000.00**, as evidence of good faith in bidding, to be forfeited as fully liquidated damages upon the bidders failure to accept the award, execute the contract and give bond as required. Bid deposits will be returned to the successful bidder when the contract has been executed and a satisfactory performance deposit has been furnished.

In lieu of bid deposit, bidders may submit an open bid bond to cover the deposit requirement. Any bid bond must be filed for an annual period and both the amount of bond and the surety shall receive prior approval of the Pennsylvania Game Commission.

The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, Pennsylvania 17110-9797, at 2:00 P.M., **Monday, May 15, 2023**, telephone: 717/787-2039. **BIDS RECEIVED LATER THAN 2:00 P.M., THIS DATE, WILL BE REJECTED.**

- PERFORMANCE DEPOSIT -

A performance bond in the amount of **\$7,000.00** will be required in the form of a Certified Check or a Postal Money Order drawn to the order of the Pennsylvania Game Commission. Negotiable securities, including assignment of a bank savings account may be furnished in lieu of above. A bond with corporate surety approved by the Attorney General, or a bank Irrevocable Letter of Credit, may be posted provided the bond has an expiration date a minimum of 1 year beyond the expiration date of the timber contract.

- EXPIRATION OF CONTRACT -

Contract will expire **June 30, 2025.**

- PAYMENTS -

The sale is divided into 6 cutting blocks. Payment may be made by:

1. Total payment when agreement is signed.
or
2. Payment by individual block or blocks.

1 – 33% - 42 acres
2 – 26% - 34 acres
3 – 18% - 36 acres
4 – 10% - 11 acres
5 – 8% - 19 acres
6 – 5% - 28 acres

- ANTI DISCRIMINATION -

The contractor awarded the Timber Sale Agreement agrees he will not discriminate against any employee or other persons on account of race, sex, creed, age, ancestry or national origin.

- SAFETY and ENVIRONMENTAL PROTECTION –

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).

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 (PA SFI) or another similar program.

Contractor must comply with the erosion and sediment control plan for disturbed areas that is included as a part of the timber contract.

- SPECIAL PROVISIONS -

Rev (7-13)

See 5 Attached Sheet(s).

SPECIAL PROVISIONS FOR THE "FIVE BUCKS 2" TIMBER SALE

STATE GAME LANDS # 106

1) ADMINISTRATIVE ITEMS

- a) **A road use agreement to utilize State Forest roads will need to be obtained to access the area and remove timber. The agreement will be between the Weiser State Forest (570-875-6450) and the contractor.**
- b) The timber sale will be accessed using Weiser State Forest road network.
- c) It is further understood that an acceptable bond of **\$7,000.00** will be provided to guarantee faithful performance of the agreement
- d) 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.
- e) 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.
- f) 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.

3) US /STATE / LOCAL ROADS

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

4) GAME LAND ROADS TO 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 stone 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 be 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) This timber contract will expire on June 30, 2025.**
- g) Final payment is due no later than 120 days before the expiration of the agreement.**
- h) 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:	170.3
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	2 - 4"	6 - 10"	12 +"
1	42	25%	Clearcut with Reserves	BAF 10 Plot	68,633	1,619	33%	BAF 10 Plot	1,527	36	25%	8,329	1,173	266
2	34	20%	Clearcut with Reserves	BAF 10 Plot	53,095	1,569	26%	BAF 10 Plot	1,140	34	19%	9,355	2,490	172
3	36	21%	Clearcut with Reserves	BAF 10 Plot	38,264	1,059	18%	BAF 10 Plot	1,484	41	24%	9,809	2,521	108
4	11	6%	Seed-Tree	BAF 10 Plot	21,691	2,019	10%	BAF 10 Plot	255	24	4%	1,847	449	125
5	19	11%	Seed-Tree	BAF 10 Plot	16,430	863	8%	BAF 10 Plot	622	33	10%	5,296	879	248
6	28	17%	Seed-Tree	BAF 10 Plot	9,774	348	5%	BAF 10 Plot	1,035	37	17%	10,229	654	193
Total	170	100%			207,887		100%		6,064	35.6	100%	44,866	8,167	1,112

Pulpwood was sampled in block(s) 1, 2, 3, 4, 5, 6 with a precision of +/- 7.1% (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 (BDFT) - 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	10,212	329	26,480	160	20,391	113	19,313	77	19,112	15	5,879	4	1,601	0	0	0	0	0	0	897	102,988	115	670	269	
Chestnut Oak	643	24,616	307	21,272	132	17,495	54	5,715	0	0	0	0	0	0	0	0	0	0	0	0	1,136	69,099	61	7,725	2,328	
Scarlet Oak	121	5,112	124	9,490	38	3,658	11	1,421	0	0	8	2,169	0	0	0	0	0	0	0	0	302	21,850	72	1,237	417	
Black Oak	24	790	43	2,889	14	1,977	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	5,656	69	82	22	
Red Maple	51	2,271	36	2,889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	5,160	59	3,614	706	
Sweet Birch	0	0	38	1,838	19	1,296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	3,134	55	1,524	312	
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	9,737	1,273	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,262	574	
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	
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	
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	
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	37	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	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	84	8	
Total	1,039	43,002	876	64,858	364	44,817	177	26,449	77	19,112	23	8,048	4	1,601							2,561	207,887	81	29,691	6,064	

The Pennsylvania Game Commission
SGL #106 - Five Bucks Timbersale
Scribner Rule (BDFT) - 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	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons	
N. Red Oak	26	884	76	6,382	58	7,335	46	8,171	19	5,038	15	5,879	0	0	0	0	0	0	0	0	239	33,688	141	95	24	
Chestnut Oak	283	9,892	151	10,951	14	1,454	23	2,441	0	0	0	0	0	0	0	0	0	0	0	0	471	24,738	52	1,632	544	
Scarlet Oak	51	2,093	19	1,837	14	911	0	0	0	0	8	2,169	0	0	0	0	0	0	0	0	92	7,011	76	139	57	
Red Maple	51	2,271	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	2,271	44	731	193	
Sweet Birch	0	0	19	925	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	925	49	293	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	2,838	381	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,509	211	
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	
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	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	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	58	11	
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	103	10	
Total	411	15,141	264	20,095	87	9,700	69	10,612	19	5,038	23	8,048									873	68,633	79	7,640	1,527	

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

Block 2 - 34 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	0	0	93	7,876	29	3,642	34	5,408	46	10,639	0	0	0	0	0	0	0	0	0	0	201	27,566	137	55	45
Chestnut Oak	25	804	75	4,451	57	8,576	0	0	0	0	0	0	0	0	0	0	0	0	0	0	157	13,831	88	1,101	362
Scarlet Oak	0	0	75	5,898	14	1,434	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	7,332	83	199	77
Black Oak	0	0	0	0	14	1,977	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	1,977	139	0	0
Red Maple	0	0	19	1,478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	1,478	79	1,005	163
Sweet Birch	0	0	19	912	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	912	49	388	95
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	1,653	216
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,153	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	25
Total	25	804	279	20,615	114	15,629	34	5,408	46	10,639											498	53,095	107	5,617	1,140

The Pennsylvania Game Commission
SGL #106 - Five Bucks Timbersale
Scribner Rule (BDFT) - 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	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	97	5,174	107	8,369	54	6,958	11	953	0	0	0	0	0	0	0	0	0	0	0	0	269	21,454	80	256	112
Chestnut Oak	194	9,052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194	9,052	47	2,014	528
Scarlet Oak	48	1,972	18	825	0	0	11	1,421	0	0	0	0	0	0	0	0	0	0	0	0	77	4,218	55	242	82
Black Oak	24	790	18	1,338	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	2,128	51	35	8
Red Maple	0	0	18	1,412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	1,412	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	2,880	336
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	963	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	695	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	186	28
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	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	24	12
Total	363	16,988	160	11,944	54	6,958	22	2,374													599	38,264	64	8,014	1,484

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

Block 4 - 11 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	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	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	13	945	75	17	7	
Red Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	181	44	
Scarlet Oak	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	25	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	68	8	
Total	68	2,549	88	6,630	38	4,721	23	4,295	6	1,894			4	1,601							228	21,691	95	876	255

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

Block 5 - 19 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
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
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
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	2,389	622

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

Block 6 - 28 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
Chestnut Oak	21	1,047	31	2,221	12	1,596	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	4,864	76	1,454	419
N. Red Oak	42	2,636	15	1,227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	3,863	67	30	11
Scarlet Oak	21	1,047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	1,047	50	421	129
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,801	258	
Red Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	737	118	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	567	75	
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	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	84	8	
Black Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	7	
Total	84	4,730	46	3,448	12	1,596														142	9,774	69	5,155	1,035	

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

Block All - 170 acres - Pulp Tree Stand and Stock Table																						
	2" DBH		4" DBH		6" DBH		8" DBH		10" DBH		12" DBH		14" DBH		16" DBH		18" DBH		20"+ DBH		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 Tons
Chestnut Oak	0	0	0	0	891	76	3,005	590	2,852	1,025	815	461	140	115	52	56	0	0	0	0	7,762	2,340
Black Gum	0	0	0	0	6,216	651	2,261	297	1,072	239	142	54	47	30	0	0	0	0	0	0	9,737	1,273
Red Maple	0	0	0	0	2,292	262	846	174	306	111	241	139	18	14	14	18	0	0	0	0	3,717	718
Sassafras	0	0	0	0	2,189	230	1,565	202	501	111	72	28	19	11	0	0	0	0	0	0	4,346	582
Scarlet Oak	0	0	0	0	69	6	445	86	446	156	240	137	38	31	0	0	0	0	0	0	1,237	417
Sweet Birch	0	0	0	0	693	83	427	79	293	94	111	57	0	0	0	0	0	0	0	0	1,524	312
N. Red Oak	0	0	0	0	138	13	112	21	162	55	198	108	31	26	0	0	22	33	6	13	670	269
White Oak	0	0	0	0	0	0	0	0	92	31	50	25	0	0	0	0	0	0	0	0	141	56
Eastern Hemlock	0	0	0	0	200	18	112	20	35	11	0	0	0	0	0	0	0	0	0	0	347	48
Black Cherry	0	0	0	0	103	11	0	0	0	0	24	16	0	0	0	0	0	0	0	0	127	27
Black Oak	0	0	0	0	0	0	0	0	65	15	17	7	0	0	0	0	0	0	0	0	82	22
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					12,791	1,351	8,774	1,469	5,822	1,848	1,910	1,032	292	228	66	73	22	33	6	13	29,691	6,064

PGC TIMBER SALE FIVE BUCKS 2
STATE GAME LANDS NO. 106
106-2022-05

TIMBER SALE COST ESTIMATE

NEW ROAD CONSTRUCTION -	0 FEET	
Machine/Labor		0
Tons AASHTO #3		0
Tons AASHTO #4		0
Culvert Pipes		0
Seed		0
		<hr/>
		\$0.00
EXISTING ROAD IMPROVEMENT -	7000 FEET	
Machine/Labor		5000
Tons AASHTO #3		2700
Tons AASHTO #4		2700
Culvert Pipes		240
Seed		0.00
		<hr/>
		\$10,640.00
LANDINGS		
Machine/Labor		4,200.00
Seed, Lime, Fertilizer		2,400.00
		<hr/>
		\$6,600.00
SKID TRAILS		
Machine/Labor		800.00
Seed		0.00
		<hr/>
		\$800.00
ROAD RETIREMENT		
Machine/Labor		2,500.00
Tons AASHTO #3		4,950.00
Tons AASHTO #4		0.00
Seed		1,600.00
		<hr/>
		\$9,050.00
MISC. COSTS		
Total		\$0.00
TOTAL COST ESTIMATE		\$27,090.00

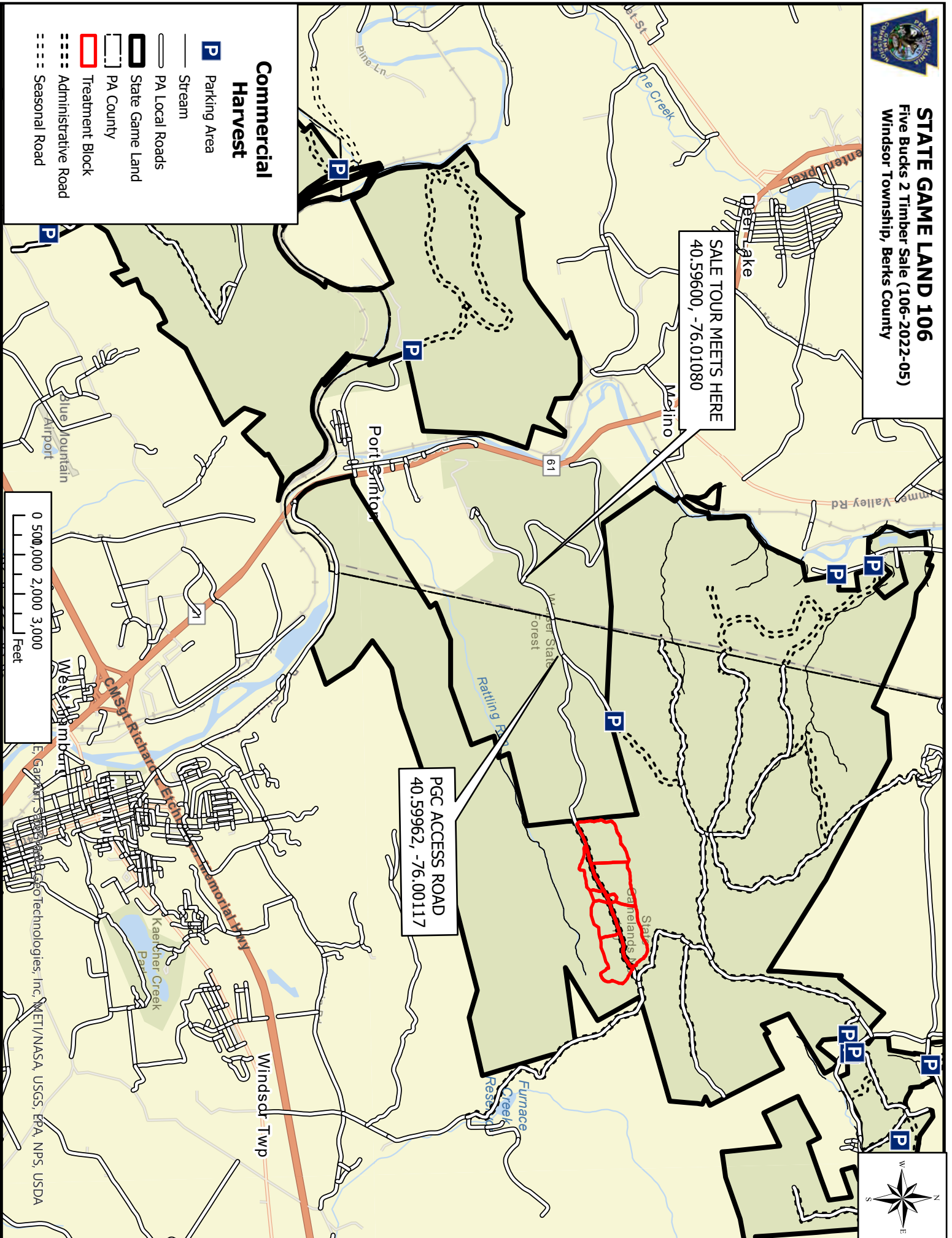


STATE GAME LAND 106
Five Bucks 2 Timber Sale (106-2022-05)
Windsor Township, Berks County



SALE TOUR MEETS HERE
40.59600, -76.01080

PGC ACCESS ROAD
40.59962, -76.00117



Commercial Harvest

- Parking Area
- Stream
- PA Local Roads
- State Game Land
- PA County
- Treatment Block
- Administrative Road
- Seasonal Road

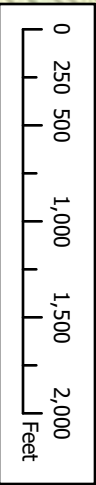
0 500,000 2,000 3,000
Feet

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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

