

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 1,026,564 board feet of sawlogs and 3,969 tons of pulpwood located on 193 acres of State Game Lands No. 046, Clay Township, Lancaster County and Heidelberg Township, Lebanon 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 **\$10,000.00** 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 **May 30, 2027**.

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 #046**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, June 17, 2024**. 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 #: 46
SALE #: 046-2023-01
NAME: Blank Space

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 1,026,564 board feet of sawlogs and 3,969 tons of pulpwood to be cut from 193 acres of State Game Lands No. 046, Clay Township, Lancaster County and Heidelberg Township, Lebanon 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 **May 29, 2024**. Viewers will be met at **the parking area along Laurel Drive (40.26679, -76.25505)** at 9:00 a.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 IN ADEQUATE TIME 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 #046**. 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, June 17, 2024**, 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 **\$10,000.00** 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 **May 30, 2027**

- 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 – 19% - 48 acres
- 2 – 8% - 27 acres
- 3 – 18% - 44 acres
- 4 – 11% - 28 acres
- 5 – 15% - 17 acres
- 6 – 29% - 29 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 "BLANK SPACE" TIMBER SALE

STATE GAME LANDS # 046

1) ADMINISTRATIVE ITEMS

- a) All contractors, subcontractors and consultants of the Buyer must be pre-approved by the Commission. The Commission reserves the right to reject any subcontractor at its sole discretion. If Contractor enters into any subcontract(s) not previously approved by the Commission, the Commission shall have the right to require the Contractor to terminate such contracts.
- b) 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.
- c) No harvesting operations will be permitted in Blocks 1-4 during December, January, February, or March except for abnormally dry conditions. The Regional Forester will make the final decision in this matter.
- d) No harvesting operations will be permitted in Block 5 during October, November, December, or January.
- e) All top wood 3" in diameter and smaller from all sawtimber trees is reserved and cannot be removed from the site. The tops need to be scattered across the harvest site. Care needs to be taken in blocks 1-4 to keep logging slash away from residual trees.
- 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) The blue painted boundary trees along Woodcock Road in Block 5 must be felled.
- e) No trees may be felled into the fields north of Block 5.
- f) All stumps must be less than 12" in height when measured from the ground.

3) US /STATE / LOCAL ROADS

- a) The PGC access road entrance for Blocks 1-4 is along Laurel Drive. Block 5 is along Woodcock Drive and Block 6 is accessed from Sunnyside Road.

4) GAME LAND ROADS TO BUILD / IMPROVE

- a) The timber contractor must construct about 400 feet of haul road and grade about 11,700 feet existing haul road. The road must have a 12-foot running surface along with a crown and side ditches. Water bars, intercept dips, a culvert pipe, and water turnouts will be used for draining surface water. Stone will be required on portions of both the new road and existing road. The Regional forester will designate specific locations for the culvert pipe, stone, and water bars. The side ditches and all disturbed areas must be seeded immediately following construction of the road.
- b) A section of the haul road leading to blocks 1, 2, 3, and 4 is the Horse-shoe Trail. This section of the haul road must be top dressed with 2A modified stone at the retirement of the haul road.
- c) The culvert pipe will be installed at the entrance to the landing in Block 5.
- d) Small borrow pits in the sale area may be used for fill with authorization of the Regional Forester. These sites must be regraded and seeded at the conclusion of usage. This is to be used in addition to required stone, not as a replacement.
- e) Required stone for this harvest:
 1. Stone is for all designated locations on the haul road.
 2. Minimum of 782 tons of AASHTO # 3 (similar to 3A modified) stone for the following locations: New haul road - 92 tons, existing haul road - 690 tons.
 3. Minimum of 374 tons of 2A modified stone for the following locations: Existing haul road - 314 tons, culvert pipe bedding - 30 tons, parking area - 30 tons.
 4. Receipts may be required to verify the amount of stone applied to the designated locations.
- f) Haul Road Construction / Timeframe
 1. The Regional Forester will designate all locations for water bars 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 18" X 40' black plastic culvert pipe at the entrance to the landing in Block 5. The pipe must be installed with a backhoe and be covered with a minimum of 15" of 2A modified stone. Stone head walls must be set on each end of the pipe. There must be a ditch 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, 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 between April 1 and October 10. No road construction will be permitted. during times of wet site conditions.
 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 road improvements must be completed by October 10, 2026.
 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) Four locations have been designated as the log landings for this harvest. The landings are in blocks 1, 3, 5, and 6. At each location the contractor will be required to build a log landing. The log landings in blocks 1, 3, and 6 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. The log landing in Block 5 will be on or adjacent to an existing parking area. This parking area will need to be graded and stone applied when harvesting operations have concluded in the block.
- 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 not permitted through reserve sale areas, islands, or on the haul road.
- c) All material to be removed from all sale blocks must be skidded to the landings.
- d) If a skid trail will be sitting idle for one month or more, they must have open and functional water bars.
- e) 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 will require grading at the completion of the harvest. Final grading and ditches must be established with bulldozer 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.
- 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 1/2" 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 2.5 acres are expected to be seeded at the conclusion of the harvest. The breakdown is as follows:

Log landings	2.0 acres
Skid Trails	0.5 acre
Haul Road	0.0 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-WORKDAYS

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 and any Sundays open to hunting.
2. The opening day and all Saturdays during spring gobbler season, including the youth spring gobbler hunt.
3. All the 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) The contractor is responsible for the control and collection of fluids leaking from any equipment used on the site. The contractor must have a spill containment and cleanup kit appropriate for the equipment being used. At a minimum the kit will contain plugs and clamps to control hydraulic line breaks, a container to collect leaking fluids, fluid absorbent pads and a shovel. Operating any equipment noticeably leaking fluids is prohibited. The contractor must collect and control fluids leaking from any equipment and dispose of properly.
- d) **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 always on site and available for inspection.
- b) The timber operator should review the plan, due to his responsibility for the implementation of erosion controls during the harvest operation.
- c) PGC gates **must** be closed. Repeated failure to close gates will be penalized.
- d) All equipment will be cleaned of soil and debris before being moved onto site to prevent spread of invasive species.
- e) Vehicle traffic on the PGC access road shall not exceed 25 MPH.
- f) The selling of firewood to the public will not be permitted. The sale of firewood to a commercial firewood contractor is permitted.
- g) Payment for block 2 of the sale is required at the time of execution of the timber contract. Failure to provide this payment will void the timber contract.
- h) The timber sale contractor will be required to make all necessary PA-1 call notifications.
- i) **This timber contract will expire on May 30, 2027.**
- j) **Final payment is due no later than 120 days before the expiration of the agreement.**

Report For Blank Space

Sale Name:	Blank Space	SGL Number:	46
Forester:	Harley Arnold	Report Date:	02/12/2024
Blocks Numbers in Sale:	1,2,3,4,5,6	Acres:	193
County:	Lancaster,Lebanon	Township:	,Clay

The Pennsylvania Game Commission SGL #46 - Blank Space 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	48	25%	Shelterwood	BAF 10 Plot	191,406	4,005	19%	BAF 10 Plot	704	15	18%	14,545	482	150
2	27	14%	Seed-Tree	BAF 10 Plot	84,137	3,127	8%	BAF 10 Plot	648	24	16%	3,426	658	543
3	44	23%	Clearcut with Reserves	BAF 10 Plot	186,122	4,235	18%	BAF 10 Plot	1,564	36	39%	3,189	1,479	643
4	28	14%	Thinning	BAF 10 Plot	112,500	4,065	11%	BAF 10 Plot	614	22	15%	9,180	671	318
5	17	9%	Shelterwood	BAF 10 Plot	151,926	8,746	15%	BAF 10 Plot	107	6	3%	332	95	24
6	29	15%	Shelterwood	BAF 10 Plot	300,474	10,234	29%	BAF 10 Plot	332	11	8%	505	261	121
Total	193	100%			1,026,564		100%		3,969	20.6	100%	31,177	3,646	1,798

Pulpwood was sampled in block(s) 1, 2, 3, 4, 5, 6 with a precision of +/- 10.1% (90% C.I.)

Sawtimber was sampled in block(s) 1, 2, 3, 4, 5, 6 with a precision of +/- 10.7% (90% C.I.)

The Pennsylvania Game Commission

SGL #46 - Blank Space Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 193 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
Yellow-poplar	224	9,502	287	22,720	315	46,737	349	66,503	316	88,320	295	105,587	220	98,081	251	130,169	217	143,172	211	187,287	2,685	898,077	335	3,154	608
Sweet Birch	187	6,262	496	30,889	180	17,698	142	21,377	20	3,614	17	5,012	5	2,176	4	2,647	0	0	0	0	1,051	89,676	85	4,048	1,361
Red Maple	19	642	69	4,674	32	3,036	50	7,544	0	0	0	0	0	0	0	0	0	0	0	0	169	15,896	94	1,913	520
Black Gum	0	0	0	0	63	5,364	42	5,297	13	1,334	0	0	0	0	0	0	0	0	0	0	118	11,995	101	4,690	1,070
Chestnut Oak	0	0	14	1,021	21	2,849	17	2,231	0	0	0	0	0	0	0	0	0	0	0	0	52	6,102	117	105	55
Sassafras	0	0	27	1,591	0	0	0	0	0	0	6	2,578	0	0	0	0	0	0	0	0	33	4,169	127	758	170
Chestnut Oak - dead	0	0	14	648	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	648	46	32	20
Yellow-poplar - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	3	
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	297	49	
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	326	47	
Black Cherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97	33	
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145	25	
Black Locust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	8	
Total	429	16,405	907	61,544	611	75,685	600	102,952	350	93,268	317	113,178	225	100,257	256	132,816	217	143,172	211	187,287	4,122	1,026,564	249	15,659	3,969

The Pennsylvania Game Commission SGL #46 - Blank Space Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 48 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	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
Yellow-poplar	38	1,504	28	2,313	11	655	85	14,136	62	13,147	68	22,237	38	14,746	65	31,780	49	30,973	55	50,638	497	182,128	366	1,722	274	
Chestnut Oak	0	0	14	1,021	21	2,849	17	2,231	0	0	0	0	0	0	0	0	0	0	0	0	52	6,102	117	43	9	
Black Gum	0	0	0	0	11	655	8	670	0	0	0	0	0	0	0	0	0	0	0	0	19	1,325	69	398	82	
Red Maple	0	0	0	0	11	1,167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1,167	109	558	142	
Sweet Birch	0	0	14	684	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	684	49	411	90	
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	299	41	
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	70	21	
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	152	19	
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	18	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	8	
Total	38	1,504	56	4,019	53	5,325	110	17,037	62	13,147	68	22,237	38	14,746	65	31,780	49	30,973	55	50,638	593	191,406	323	3,799	704	

The Pennsylvania Game Commission SGL #46 - Blank Space Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 27 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	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
Yellow-poplar	19	920	14	630	43	4,898	17	2,933	0	0	6	1,560	10	5,435	8	4,480	7	4,972	16	14,541	139	40,369	290	76	4	
Sweet Birch	57	1,913	154	9,908	64	5,514	68	11,928	14	2,426	6	1,697	5	2,176	4	2,647	0	0	0	0	371	38,208	103	1,647	475	
Red Maple	0	0	28	2,219	11	732	17	1,961	0	0	0	0	0	0	0	0	0	0	0	0	56	4,911	88	295	71	
Chestnut Oak - dead	0	0	14	648	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	648	46	0	0	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123	22	
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	224	33	
Chestnut Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	22	
American Beech	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	
Total	76	2,833	210	13,405	118	11,143	102	16,821	14	2,426	11	3,257	14	7,611	12	7,128	7	4,972	16	14,541	580	84,137	145	2,476	648	

The Pennsylvania Game Commission SGL #46 - Blank Space Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 3 - 44 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	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
Yellow-poplar	19	901	41	3,495	52	7,372	58	11,732	60	14,583	50	16,815	37	13,945	64	27,718	17	10,577	26	20,452	425	127,589	300	149	60	
Sweet Birch	0	0	233	13,699	105	11,490	66	8,739	7	1,188	6	1,663	0	0	0	0	0	0	0	0	416	36,779	88	1,337	597	
Black Gum	0	0	0	0	52	4,709	33	4,627	13	1,334	0	0	0	0	0	0	0	0	0	0	99	10,670	108	1,950	577	
Red Maple	19	642	14	689	0	0	33	5,583	0	0	0	0	0	0	0	0	0	0	0	0	66	6,914	106	550	157	
Sassafras	0	0	27	1,591	0	0	0	0	0	0	6	2,578	0	0	0	0	0	0	0	0	33	4,169	127	443	125	
Chestnut Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	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	27	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	14	10	
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	7	
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	6	
Total	37	1,543	315	19,474	210	23,572	191	30,681	81	17,105	61	21,056	37	13,945	64	27,718	17	10,577	26	20,452	1,039	186,122	179	4,581	1,564	

The Pennsylvania Game Commission SGL #46 - Blank Space Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 4 - 28 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	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
Yellow-poplar	0	0	27	1,936	63	10,103	49	9,219	67	19,254	50	17,347	14	4,572	24	10,990	7	2,768	26	19,403	326	95,591	293	223	11	
Sweet Birch	130	4,349	95	6,598	10	694	8	711	0	0	6	1,653	0	0	0	0	0	0	0	0	249	14,005	56	581	170	
Red Maple	0	0	27	1,766	10	1,138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	2,904	77	350	98	
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	1,745	331	
Yellow-poplar - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	3	
Total	130	4,349	150	10,301	83	11,935	58	9,930	67	19,254	55	19,000	14	4,572	24	10,990	7	2,768	26	19,403	613	112,500	184	2,972	614	

The Pennsylvania Game Commission SGL #46 - Blank Space Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 5 - 17 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	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
Yellow-poplar	111	4,698	122	9,510	62	11,306	66	14,008	27	9,148	44	16,957	32	14,044	20	12,357	41	21,978	40	37,921	563	151,926	270	147	60	
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	230	27	
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	92	20	
Total	111	4,698	122	9,510	62	11,306	66	14,008	27	9,148	44	16,957	32	14,044	20	12,357	41	21,978	40	37,921	563	151,926	270	470	107	

The Pennsylvania Game Commission SGL #46 - Blank Space Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 6 - 29 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	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
Yellow-poplar	37	1,479	55	4,835	84	12,404	75	14,475	101	32,189	78	30,671	89	45,340	72	42,844	96	71,904	48	44,333	735	300,474	409	837	198	
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	19	10	
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	68	32	
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	73	28	
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	144	20	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	117	14	
Chestnut Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	12	
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	9	
Black Locust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	8	
Total	37	1,479	55	4,835	84	12,404	75	14,475	101	32,189	78	30,671	89	45,340	72	42,844	96	71,904	48	44,333	735	300,474	409	1,360	332	

The Pennsylvania Game Commission SGL #46 - Blank Space Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 193 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
Sweet Birch	0	0	0	0	1,209	156	637	125	975	327	975	532	221	183	31	37	0	0	0	0	4,048	1,361
Black Gum	0	0	0	0	1,565	172	1,177	160	885	207	690	279	342	221	21	20	8	11	0	0	4,690	1,070
Yellow-poplar	0	0	0	0	2,111	108	595	140	163	77	318	242	41	45	0	0	0	0	0	0	3,228	611
Red Maple	0	0	0	0	603	72	760	165	269	101	225	134	56	49	0	0	0	0	0	0	1,913	520
Sassafras	0	0	0	0	302	33	126	17	189	44	94	38	27	18	21	20	0	0	0	0	758	170
Chestnut Oak	0	0	0	0	0	0	43	9	27	10	19	10	28	22	21	24	0	0	0	0	138	75
American Beech	0	0	0	0	227	29	43	10	27	11	0	0	0	0	0	0	0	0	0	0	297	49
Hickories	0	0	0	0	0	0	299	41	27	6	0	0	0	0	0	0	0	0	0	0	326	47
Black Cherry	0	0	0	0	0	0	43	10	54	23	0	0	0	0	0	0	0	0	0	0	97	33
N. Red Oak	0	0	0	0	75	7	43	8	27	10	0	0	0	0	0	0	0	0	0	0	145	25
Black Locust	0	0	0	0	0	0	0	0	0	0	19	8	0	0	0	0	0	0	0	0	19	8
Ailanthus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Ash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Green Ash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total					6,091	577	3,766	684	2,645	816	2,340	1,241	715	538	95	102	8	11			15,659	3,969

The Pennsylvania Game Commission SGL #46 - Blank Space Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

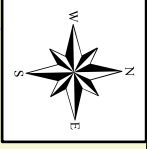
Block All - 193 acres - Large Tree Stand and Stock Table

Species	<30" DBH		30" DBH		32" DBH		34" DBH		36" DBH		38" DBH		40" DBH		>40" DBH		Sawtimber Totals			Pulpwood	
	#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
Yellow-poplar	2,474	710,790	72	55,318	55	48,907	47	43,017	21	23,796	9	8,421	7	7,829	0	0	2,685	898,077	335	3,154	608
Sweet Birch	1,051	89,676	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,051	89,676	85	4,048	1,361
Red Maple	169	15,896	0	0	0	0	0	0	0	0	0	0	0	0	0	0	169	15,896	94	1,913	520
Black Gum	118	11,995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118	11,995	101	4,690	1,070
Chestnut Oak	52	6,102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	6,102	117	105	55
Sassafras	33	4,169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	4,169	127	758	170
Chestnut Oak - dead	14	648	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	648	46	32	20
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	297	49
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	326	47
Black Cherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97	33
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145	25
Black Locust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	8
Yellow Birch - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Green Ash - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hickories - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black Locust - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black Gum - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ailanthus - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sassafras - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sweet Birch - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Ash - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow-poplar - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	3
Total	3,912	839,277	72	55,318	55	48,907	47	43,017	21	23,796	9	8,421	7	7,829			4,122	1,026,564	905	15,659	3,969

PGC TIMBER SALE **Blank Space**
STATE GAME LANDS NO. 046
046-2023-01

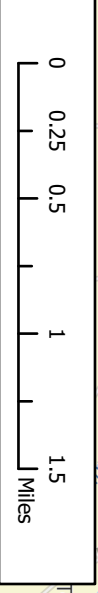
TIMBER SALE COST ESTIMATE

NEW ROAD CONSTRUCTION -	400 FEET	
Machine/Labor		3500
Tons AASHTO #3		2760
Tons AASHTO #4		900
Culvert Pipes		520
Seed		0
		<u>0</u>
		\$7,680.00
EXISTING ROAD IMPROVEMENT -	3000 FEET	
Machine/Labor		2500
Tons AASHTO #3		0
Tons AASHTO #4		0
Culvert Pipes		0
Seed		0.00
		<u>0.00</u>
		\$2,500.00
LANDINGS		
Machine/Labor		4,800.00
Seed, Lime, Fertilizer		3,200.00
		<u>3,200.00</u>
		\$8,000.00
SKID TRAILS		
Machine/Labor		1,600.00
Seed		150.00
		<u>150.00</u>
		\$1,750.00
ROAD RETIREMENT		
Machine/Labor		2,500.00
Tons AASHTO #3		20,700.00
Tons 2A Modified		10,320.00
Seed		0.00
		<u>0.00</u>
		\$33,520.00
MISC. COSTS		
Total		\$900.00
TOTAL COST ESTIMATE		\$54,350.00



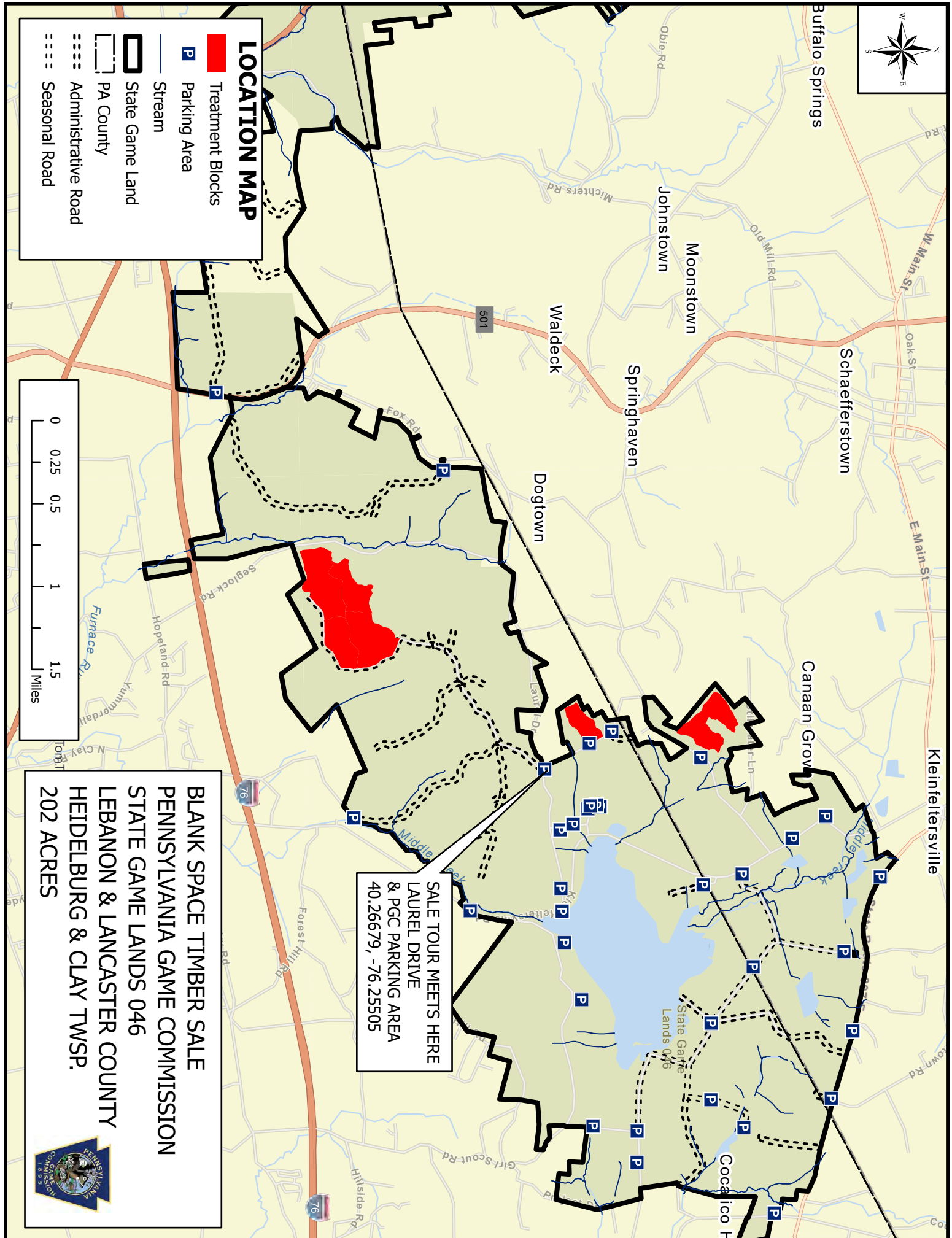
LOCATION MAP

- Treatment Blocks
- P Parking Area
- Stream
- State Game Land
- PA County
- Administrative Road
- Seasonal Road



**BLANK SPACE TIMBER SALE
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 046
LEBANON & LANCASTER COUNTY
HEIDELBURG & CLAY TWP.
202 ACRES**

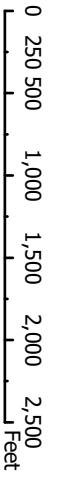
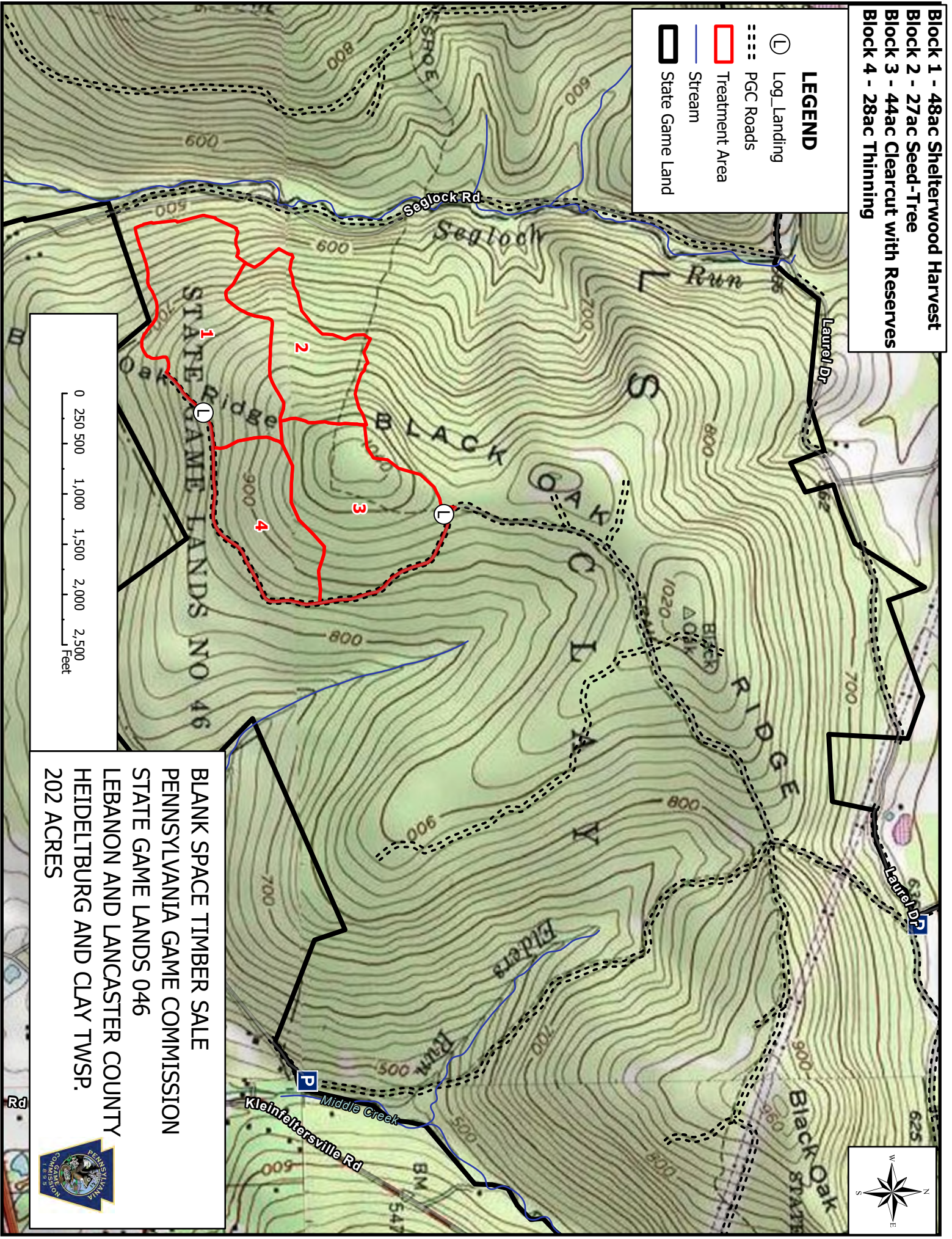
**SALE TOUR MEETS HERE
LAUREL DRIVE
& PGC PARKING AREA
40.26679, -76.25505**



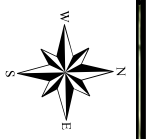
Block 1 - 48ac Shelterwood Harvest
 Block 2 - 27ac Seed-Tree
 Block 3 - 44ac Clearcut with Reserves
 Block 4 - 28ac Thinning

LEGEND

- Ⓛ Log_Landing
- ⋯ PGC Roads
- ▭ Treatment Area
- Stream
- ▭ State Game Land



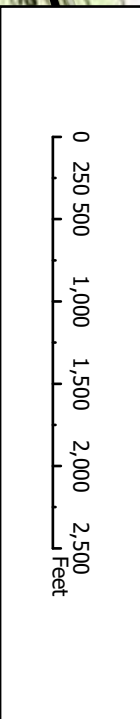
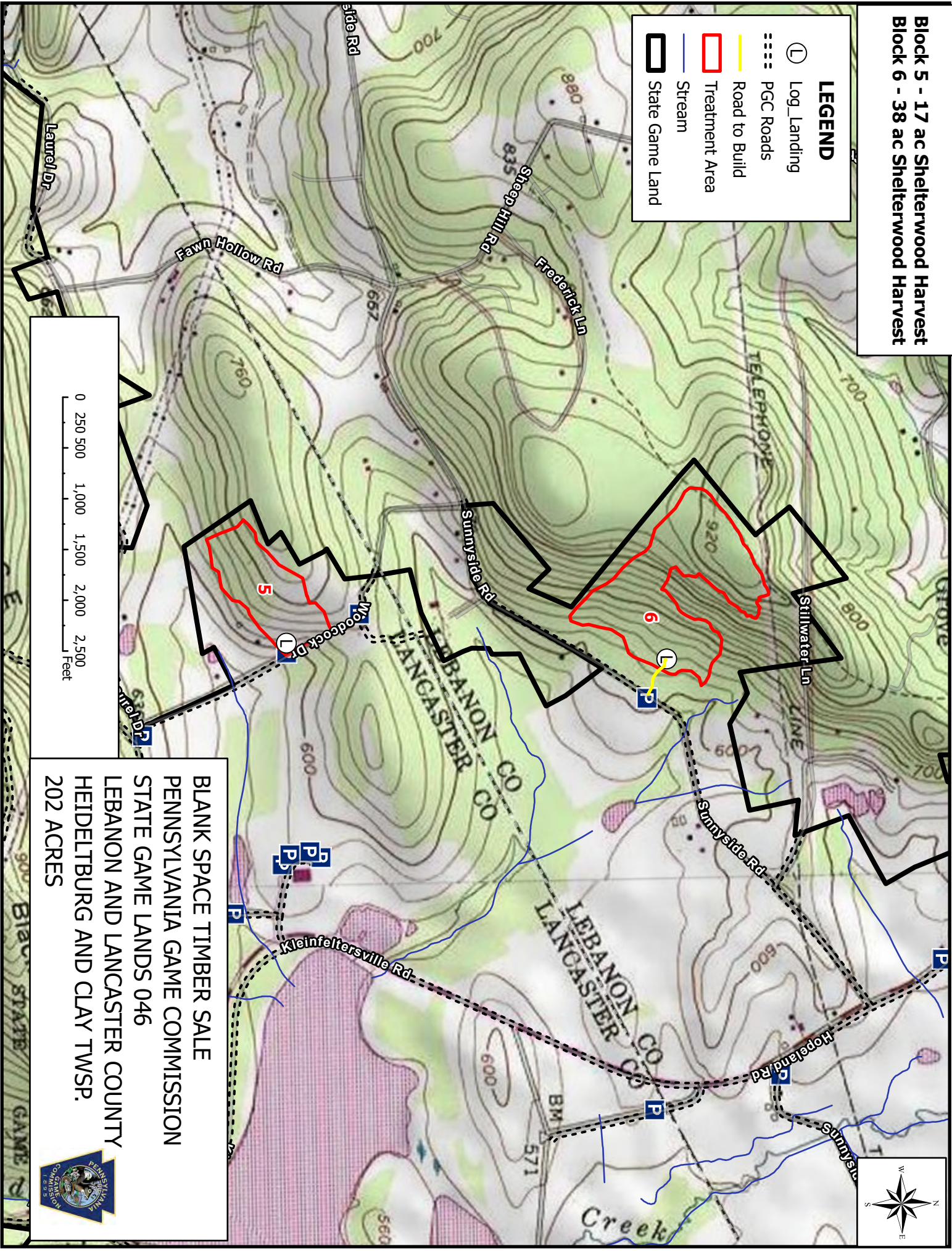
BLANK SPACE TIMBER SALE
 PENNSYLVANIA GAME COMMISSION
 STATE GAME LANDS 046
 LEBANON AND LANCASTER COUNTY
 HEIDELTBURG AND CLAY TWP.
 202 ACRES



Block 5 - 17 ac Shelterwood Harvest
Block 6 - 38 ac Shelterwood Harvest

LEGEND

- Ⓛ Log_Landing
- ⋯ PGC Roads
- Road to Build
- ▭ Treatment Area
- Stream
- ▭ State Game Land



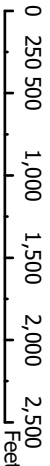
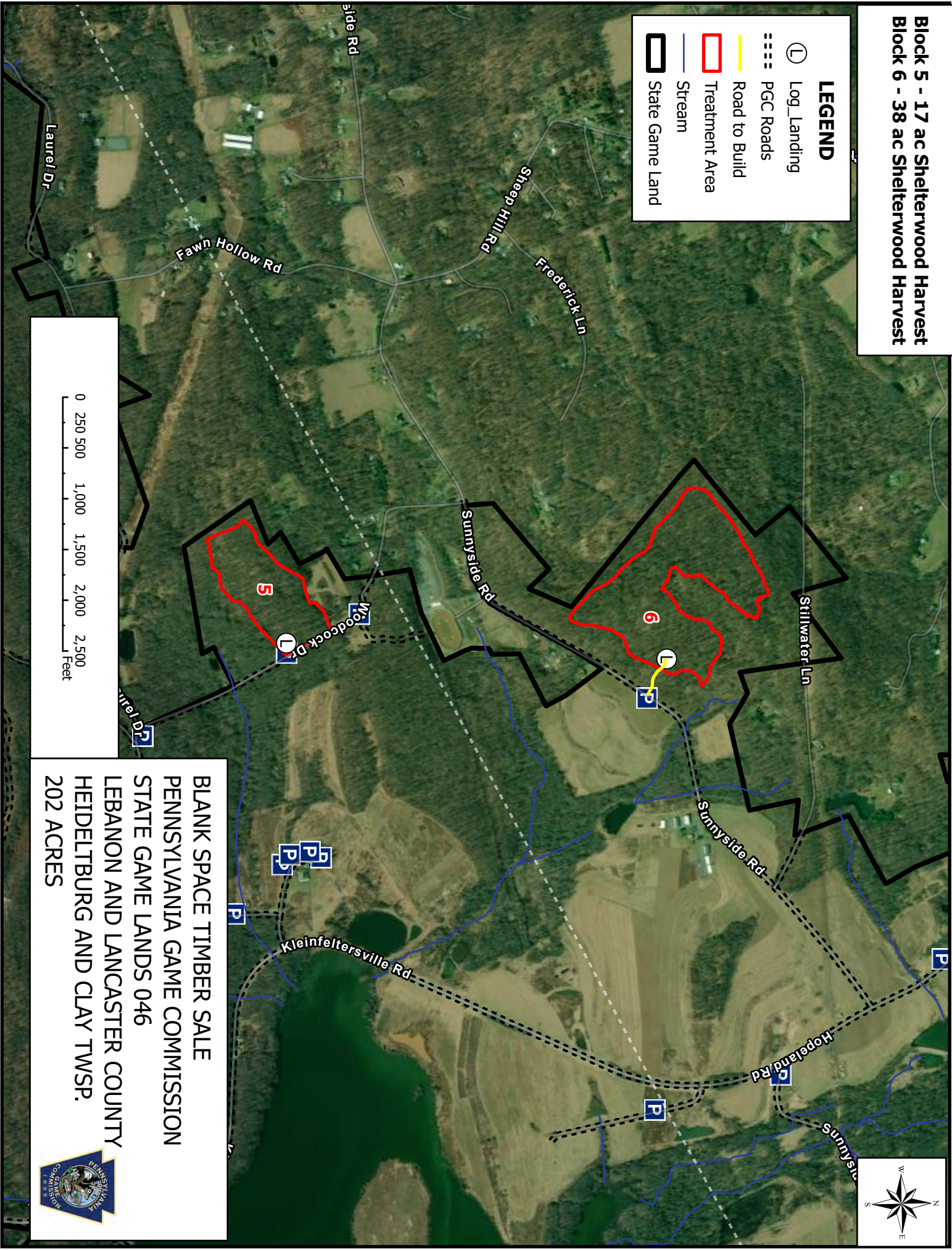
BLANK SPACE TIMBER SALE
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 046
LEBANON AND LANCASTER COUNTY
HEIDELTBURG AND CLAY TWP.
202 ACRES



**Block 5 - 17 ac Shelterwood Harvest
Block 6 - 38 ac Shelterwood Harvest**

LEGEND

- Ⓛ Log_Landing
- ⋯ PGC Roads
- Road to Build
- ▭ Treatment Area
- Stream
- ▭ State Game Land



**BLANK SPACE TIMBER SALE
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 046
LEBANON AND LANCASTER COUNTY
HEIDELTBURG AND CLAY TWSP.
202 ACRES**

