

STATE GAME LANDS #: 168

SALE: 168-2022-02

NAME: Kings Manor 3

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 421,582 board feet of sawlogs and 2,119 tons of pulpwood located on 82 acres of State Game Lands No. 168, Ross Township, Monroe 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 **October 10, 2024**.

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 #168**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, February 6, 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 #:168
SALE #: 168-2022-02
NAME: Kings Manor 3

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 421,582 board feet of sawlogs and 2,119 tons of pulpwood to be cut from 82 acres of State Game Lands No. 168, Ross Township, Monroe 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 **January 18, 2023**. Viewers will be met at **the south end of Camp Wind Gap Drive** 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 #168**. 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, February 6, 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 **October 10, 2024**

- 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 – 17% - 14 acres
2 – 12% - 10 acres
3 – 11% - 9 acres
4 – 15% - 12 acres
5 – 24% - 20 acres
6 – 21% - 17 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 -

See 5 Attached Sheets.

SPECIAL PROVISIONS FOR THE "KINGS MANOR 3" TIMBER SALE

STATE GAME LANDS # 168

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 blocks 3, 4, 5, and 6 all trees may be felled, skidded, and chipped in their entirety.
- c) For blocks 1 and 2 all top wood 3" in diameter and smaller from all trees is reserved and cannot be removed from the site. Whole tree skidding is not permitted, all trees must be topped in the woods.
- d) 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.
- e) 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 treetops left on site in blocks 3, 4, 5, and 6 must be lopped down to a maximum height of 6'. All treetops in blocks 1 and 2 must remain unlopped.

3) US /STATE / LOCAL ROADS

- a) The PGC access road entrance is along Camp Wind Gap Drive.

4) GAME LAND ROADS TO BUILD / IMPROVE

- a) The timber contractor must improve a haul road at this location for a total distance of 1,300 feet. The road must have a 12-foot running surface along with a crown and side ditches. Water bars; intercept dips, culvert pipes, and water turnouts will be used for draining surface water. Stone will be required on portions of the 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 and water bars. The side ditches and all disturbed areas must be seeded immediately following construction of the road.
- b) 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.

c) Required Clean Limestone for this harvest

1. Stone is for all designated locations on the haul road.
2. Minimum of 200 tons of AASHTO # 3 (similar to 3A modified) stone for the following locations: Haul road - 200 tons.
3. Receipts may be required to verify the amount of stone applied to the designated locations.

d) 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. 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.
3. 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.
4. 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 the improvement of the haul road and landings.
5. All equipment will be cleaned of soil and debris before being moved onto site to prevent spread of invasive species.
6. The road will be inspected and approved by the Regional Forester prior to any usage by the timber operator.

5) LANDINGS

- a) Two locations have been designated as the log landings for this harvest. The landings are in blocks 2, and 5. 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) No skidding across the haul road.
- c) Skidding is not permitted through reserve sale areas or islands.
- d) All material to be removed from all sale blocks must be skidded to the landings.
- e) If a skid trail will be sitting idle for one month or more, they must have open and functional water bars.
- f) 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, ROAD, AND LANDINGS

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 2.5 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 general 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 October 10, 2024.**
- j) Final payment is due no later than 120 days before the expiration of the agreement.**
- k) 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 Kings Manor 3

Sale Name:	Kings Manor 3	SGL Number:	168
Forester:	Weaver	Report Date:	09/23/2021
Blocks Numbers in Sale:	1,2,3,4,5,6	Acres:	82
County:	Monroe	Township:	ROSS

The Pennsylvania Game Commission SGL #168 - Kings Manor 3 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	14	17%	Overstory Removal	100% Tally	92,873	6,784	22%	BAF 10 Plot	125	9	6%	209	132	15
2	10	12%	Overstory Removal	100% Tally	66,891	6,952	16%	BAF 10 Plot	167	17	8%	301	16	24
3	9	11%	Clearcut with Reserves	100% Tally	77,463	8,289	18%	BAF 10 Plot	344	37	16%	714	150	25
4	12	15%	Clearcut with Reserves	BAF 10 Plot	45,407	3,664	11%	BAF 10 Plot	263	21	12%	994	157	136
5	20	24%	Clearcut with Reserves	BAF 10 Plot	111,080	5,674	26%	BAF 10 Plot	625	32	29%	1,645	399	66
6	17	21%	Clearcut with Reserves	BAF 10 Plot	27,868	1,600	7%	BAF 10 Plot	595	34	28%	3,992	142	129
Total	82	100%			421,582		100%		2,119	25.8	100%	7,855	997	395

Pulpwood was sampled in block(s) 1, 2, 3, 4, 5, 6 with a precision of +/- 16.7% (90% C.I.)

Sawtimber was sampled in block(s) 4, 5, 6 with a precision of +/- 22.8% (90% C.I.)

The Pennsylvania Game Commission

SGL #168 - Kings Manor 3 Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 82 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	
Yellow-poplar	31	1,048	102	8,797	180	26,127	166	38,273	176	54,127	176	65,749	84	38,910	55	31,979	48	29,460	24	18,915	1,041	313,385	301	369	131	
Sweet Birch	45	1,525	152	8,086	91	9,922	49	7,063	13	3,048	5	1,647	6	2,526	3	1,844	0	0	1	1,045	366	36,707	100	1,900	548	
Red Maple	26	950	84	5,298	27	3,130	44	7,262	8	1,572	1	308	0	0	0	0	0	0	0	0	191	18,519	97	1,312	483	
Black Gum	0	0	3	135	118	10,100	18	2,795	3	660	1	276	5	1,538	0	0	0	0	0	0	148	15,503	105	1,728	376	
N. Red Oak	5	192	16	1,277	8	1,085	22	4,486	9	2,325	8	2,597	6	2,099	1	563	1	794	0	0	76	15,419	202	16	6	
Chestnut Oak	3	113	8	531	4	567	5	1,057	3	739	2	703	1	514	2	711	0	0	0	0	28	4,936	176	88	19	
White Oak	1	33	6	369	5	619	3	486	3	927	6	1,431	0	0	0	0	0	0	0	0	24	3,864	163	58	25	
Aspen	0	0	0	0	1	161	21	2,699	0	0	0	0	0	0	0	0	0	0	0	0	22	2,860	130	39	36	
Sassafras	2	62	3	213	3	257	0	0	0	0	0	0	0	0	0	0	3	1,604	0	0	11	2,136	187	329	74	
Hickories	0	0	3	237	0	0	8	1,719	0	0	0	0	0	0	0	0	0	0	0	0	11	1,955	178	23	5	
White Pine	0	0	0	0	1	98	0	0	0	0	1	407	0	0	0	0	1	817	0	0	3	1,322	441	0	0	
White Ash - dead	16	529	0	0	0	0	7	605	0	0	0	0	0	0	0	0	0	0	0	0	23	1,133	50	28	14	
Scarlet Oak	0	0	0	0	0	0	0	0	0	0	5	972	0	0	0	0	0	0	0	0	5	972	207	0	0	
Bur Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	749	0	0	0	0	1	749	749	0	0	
Eastern Hemlock	0	0	2	113	1	95	1	244	1	267	0	0	0	0	0	0	0	0	0	0	5	719	144	29	17	
Black Oak	0	0	1	48	0	0	0	0	1	105	0	0	0	0	1	534	0	0	0	0	3	687	229	0	0	
White Ash	0	0	1	77	1	67	0	0	0	0	1	300	0	0	0	0	0	0	0	0	3	443	148	449	179	
Black Cherry	0	0	1	50	1	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	197	98	150	56	
Sugar Maple	0	0	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	75	75	66	7	
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	17	9	
Red Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136	78	
Norway Spruce	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	27	
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	176	20	
Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	8	
Total	129	4,451	383	25,307	440	52,374	345	66,688	216	63,771	206	74,388	102	45,587	63	36,380	54	32,675	25	19,960	1,964	421,582	215	6,956	2,119	

The Pennsylvania Game Commission

SGL #168 - Kings Manor 3 Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 14 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
Yellow-poplar	5	189	15	1,272	30	4,849	40	9,482	49	15,720	45	18,977	30	13,983	15	8,649	10	6,404	2	1,788	241	81,314	337	17	9
Red Maple	3	103	9	540	6	722	3	718	0	0	0	0	0	0	0	0	0	0	0	0	21	2,083	99	78	30
White Oak	0	0	5	293	4	481	3	486	2	583	0	0	0	0	0	0	0	0	0	0	14	1,843	132	17	7
Black Gum	0	0	2	90	6	620	2	257	2	497	1	276	0	0	0	0	0	0	0	0	13	1,739	134	0	0
Chestnut Oak	0	0	5	312	2	266	1	178	1	228	1	284	0	0	1	413	0	0	0	0	11	1,681	153	52	12
N. Red Oak	0	0	1	50	1	109	3	375	2	418	1	384	0	0	0	0	0	0	0	0	8	1,337	167	0	0
Sweet Birch	1	33	6	376	1	106	2	172	2	285	0	0	0	0	0	0	0	0	0	0	12	973	81	99	33
Bur Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	749	0	0	0	0	1	749	749	0	0
White Pine	0	0	0	0	0	0	0	0	0	0	1	407	0	0	0	0	0	0	0	0	1	407	407	0	0
Eastern Hemlock	0	0	0	0	0	0	0	0	1	267	0	0	0	0	0	0	0	0	0	0	1	267	267	0	0
Aspen	0	0	0	0	1	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	161	161	0	0
Black Cherry	0	0	0	0	1	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	146	146	0	0
Black Oak	0	0	0	0	0	0	0	0	1	105	0	0	0	0	0	0	0	0	0	0	1	105	105	0	0
White Ash	0	0	0	0	1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	67	67	12	9
White Ash - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	14
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	11
Total	9	326	43	2,934	53	7,527	54	11,669	60	18,104	49	20,328	30	13,983	17	9,811	10	6,404	2	1,788	327	92,873	284	328	125

The Pennsylvania Game Commission

SGL #168 - Kings Manor 3 Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 10 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
Yellow-poplar	3	110	19	1,588	24	3,698	27	6,491	25	7,936	21	8,479	14	6,634	10	6,245	5	3,865	5	4,018	153	49,064	321	27	18
N. Red Oak	4	138	1	129	5	687	10	2,248	6	1,660	1	384	1	470	0	0	0	0	0	0	28	5,715	204	16	6
Red Maple	4	177	13	933	7	838	9	1,578	0	0	1	308	0	0	0	0	0	0	0	0	34	3,833	113	163	78
Sweet Birch	2	67	3	204	1	106	1	139	3	840	0	0	1	457	0	0	0	0	1	1,045	12	2,858	238	0	0
Chestnut Oak	3	113	1	73	2	301	4	879	1	284	1	419	1	514	0	0	0	0	0	0	13	2,582	199	0	0
White Oak	0	0	0	0	1	139	0	0	1	344	1	431	0	0	0	0	0	0	0	0	3	913	304	0	0
Black Gum	0	0	1	45	3	284	1	214	1	163	0	0	1	145	0	0	0	0	0	0	7	851	122	161	43
Sassafras	2	62	3	213	3	257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	531	66	49	14
Eastern Hemlock	0	0	0	0	0	0	1	244	0	0	0	0	0	0	0	0	0	0	0	0	1	244	244	0	0
White Pine	0	0	0	0	1	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	98	98	0	0
White Ash	0	0	1	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	77	77	16	7
Sugar Maple	0	0	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	75	75	0	0
Black Oak	0	0	1	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	48	48	0	0
Total	18	666	44	3,385	47	6,407	53	11,795	37	11,225	25	10,021	18	8,219	10	6,245	5	3,865	6	5,063	263	66,891	254	432	167

The Pennsylvania Game Commission

SGL #168 - Kings Manor 3 Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 3 - 9 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
Yellow-poplar	6	237	31	2,762	31	4,901	33	7,774	42	12,714	31	12,202	24	11,198	12	6,714	9	6,029	4	2,752	223	67,283	302	301	93
N. Red Oak	1	54	2	130	2	289	2	433	1	247	1	308	1	557	1	563	1	794	0	0	12	3,375	281	0	0
Sweet Birch	5	187	9	554	5	492	2	328	2	482	0	0	1	265	0	0	0	0	0	0	24	2,307	96	30	7
Red Maple	1	34	3	238	4	436	2	286	1	363	0	0	0	0	0	0	0	0	0	11	1,358	123	96	23	
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	817	0	0	1	817	817	0	0
Chestnut Oak	0	0	2	146	0	0	0	0	1	228	0	0	0	0	1	298	0	0	0	0	4	672	168	0	0
Black Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	1	534	0	0	0	0	1	534	534	0	0	
Hickories	0	0	3	237	0	0	1	214	0	0	0	0	0	0	0	0	0	0	0	4	451	113	0	0	
White Ash	0	0	0	0	0	0	0	0	0	0	1	300	0	0	0	0	0	0	0	1	300	300	49	16	
Eastern Hemlock	0	0	2	113	1	95	0	0	0	0	0	0	0	0	0	0	0	0	0	3	208	69	13	8	
White Oak	1	33	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	108	54	0	0	
Black Cherry	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	50	50	139	43	
Red Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136	78	
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	36	
Norway Spruce	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	27	
Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	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	30	5	
Total	14	545	54	4,304	43	6,212	40	9,036	47	14,034	33	12,809	26	12,020	15	8,109	11	7,640	4	2,752	287	77,463	270	876	344

The Pennsylvania Game Commission

SGL #168 - Kings Manor 3 Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 4 - 12 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
Sweet Birch	0	0	81	3,975	44	4,684	21	3,249	0	0	0	0	4	1,804	3	1,844	0	0	0	0	154	15,557	101	470	130
Yellow-poplar	0	0	0	0	0	0	7	1,504	0	0	5	1,616	8	3,628	3	1,696	6	3,456	4	2,792	33	14,692	446	0	0
Red Maple	0	0	46	2,973	0	0	14	2,362	0	0	0	0	0	0	0	0	0	0	0	0	60	5,335	88	154	35
Aspen	0	0	0	0	0	0	21	2,699	0	0	0	0	0	0	0	0	0	0	0	0	21	2,699	128	0	0
Hickories	0	0	0	0	0	0	7	1,504	0	0	0	0	0	0	0	0	0	0	0	0	7	1,504	214	23	5
Black Gum	0	0	0	0	9	543	7	900	0	0	0	0	0	0	0	0	0	0	0	0	16	1,443	91	97	22
White Ash - dead	16	529	0	0	0	0	7	605	0	0	0	0	0	0	0	0	0	0	0	0	23	1,133	50	0	0
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	4	1,073	0	0	0	0	0	0	4	1,073	272	0	0
White Oak	0	0	0	0	0	0	0	0	0	0	5	1,000	0	0	0	0	0	0	0	0	5	1,000	213	41	18
Scarlet Oak	0	0	0	0	0	0	0	0	0	0	5	972	0	0	0	0	0	0	0	0	5	972	207	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	0	34	21
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	12	12
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	16	8
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	36	7
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	5
Total	16	529	128	6,948	53	5,228	84	12,822			14	3,588	16	6,505	7	3,540	6	3,456	4	2,792	327	45,407	139	917	263

The Pennsylvania Game Commission

SGL #168 - Kings Manor 3 Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 5 - 20 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
Yellow-poplar	17	512	37	3,176	84	11,318	59	13,021	60	17,757	69	22,582	8	3,467	11	6,688	18	9,705	9	7,565	371	95,790	258	24	11
Sweet Birch	0	0	12	598	19	2,325	15	2,029	6	1,441	0	0	0	0	0	0	0	0	0	0	52	6,393	124	944	266
Black Gum	0	0	0	0	37	2,971	0	0	0	0	0	0	4	1,393	0	0	0	0	0	0	42	4,364	105	683	140
N. Red Oak	0	0	12	968	0	0	7	1,429	0	0	5	1,521	0	0	0	0	0	0	0	0	25	3,919	160	0	0
Red Maple	0	0	12	614	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	614	50	317	139
White Ash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	45
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	17	9
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	7
Sugar Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	7
Total	17	512	73	5,356	140	16,614	81	16,479	66	19,198	74	24,103	12	4,860	11	6,688	18	9,705	9	7,565	501	111,080	222	2,189	625

The Pennsylvania Game Commission

SGL #168 - Kings Manor 3 Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 6 - 17 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
Sweet Birch	37	1,238	41	2,379	21	2,209	8	1,146	0	0	5	1,647	0	0	0	0	0	0	0	0	112	8,620	77	358	114
Black Gum	0	0	0	0	62	5,682	8	1,424	0	0	0	0	0	0	0	0	0	0	0	0	71	7,106	101	757	166
Red Maple	18	636	0	0	10	1,134	16	2,317	7	1,209	0	0	0	0	0	0	0	0	0	0	52	5,296	102	504	177
Yellow-poplar	0	0	0	0	10	1,362	0	0	0	0	5	1,893	0	0	4	1,987	0	0	0	0	20	5,241	264	0	0
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1,604	0	0	3	1,604	473	254	49
White Ash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267	81	
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	8	
Total	55	1,874	41	2,379	104	10,388	33	4,887	7	1,209	11	3,540			4	1,987	3	1,604			258	27,868	108	2,213	595

The Pennsylvania Game Commission

SGL #168 - Kings Manor 3 Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 82 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
Sweet Birch	0	0	0	0	662	86	452	92	409	137	298	164	70	59	9	11	0	0	0	0	1,900	548
Red Maple	0	0	0	0	506	62	180	41	274	108	245	150	79	70	29	35	16	25	0	0	1,328	491
Black Gum	0	0	0	0	651	73	406	56	319	75	252	103	90	60	9	9	0	0	0	0	1,728	376
White Ash	0	0	0	0	0	0	275	59	101	43	42	29	50	49	9	13	0	0	0	0	477	194
Yellow-poplar	0	0	0	0	106	6	119	32	114	59	24	21	0	0	0	0	6	13	0	0	369	131
Red Pine	0	0	0	0	0	0	30	6	38	14	66	43	0	0	0	0	0	0	0	0	136	78
Sassafras	0	0	0	0	74	8	150	21	59	15	18	7	17	12	10	10	0	0	0	0	329	74
Black Cherry	0	0	0	0	53	7	59	15	0	0	26	21	12	12	0	0	0	0	0	0	150	56
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	39	36	0	0	0	0	0	0	39	36
Norway Spruce	0	0	0	0	0	0	0	0	19	7	0	0	0	0	0	0	12	20	0	0	31	27
White Oak	0	0	0	0	0	0	36	7	17	7	0	0	0	0	0	0	0	0	6	11	58	25
Serviceberry	0	0	0	0	140	15	36	5	0	0	0	0	0	0	0	0	0	0	0	0	176	20
Chestnut Oak	0	0	0	0	0	0	88	19	0	0	0	0	0	0	0	0	0	0	0	0	88	19
Eastern Hemlock	0	0	0	0	0	0	0	0	0	0	29	17	0	0	0	0	0	0	0	0	29	17
Pine	0	0	0	0	0	0	0	0	0	0	13	8	0	0	0	0	0	0	0	0	13	8
Sugar Maple	0	0	0	0	66	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	7
N. Red Oak	0	0	0	0	0	0	0	0	16	6	0	0	0	0	0	0	0	0	0	0	16	6
Hickories	0	0	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	23	5
Total					2,259	264	1,829	353	1,389	477	1,015	563	355	300	68	78	33	58	6	11	6,956	2,119

The Pennsylvania Game Commission

SGL #168 - Kings Manor 3 Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

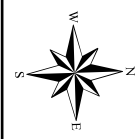
Block All - 82 acres - Large Sawtimber Stand and Stock Table

	<30" DBH		30" DBH		32" DBH		34" DBH		36" DBH		38" DBH		40" DBH		>40" DBH		Sawtimber Totals			Pulpwood	
Species	#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	1,017	294,470	11	7,635	6	4,459	3	1,733	5	5,088	0	0	0	0	0	0	1,041	313,385	301	369	131
Sweet Birch	365	35,663	0	0	1	1,045	0	0	0	0	0	0	0	0	0	0	366	36,707	100	1,900	548
Red Maple	191	18,519	0	0	0	0	0	0	0	0	0	0	0	0	0	0	191	18,519	97	1,312	483
Black Gum	148	15,503	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148	15,503	105	1,728	376
N. Red Oak	76	15,419	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	15,419	202	16	6
Chestnut Oak	28	4,936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	4,936	176	88	19
White Oak	24	3,864	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	3,864	163	58	25
Aspen	22	2,860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	2,860	130	39	36
Sassafras	11	2,136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	2,136	187	329	74
Hickories	11	1,955	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1,955	178	23	5
White Pine	3	1,322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1,322	441	0	0
White Ash - dead	23	1,133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	1,133	50	28	14
Scarlet Oak	5	972	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	972	207	0	0
Bur Oak	1	749	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	749	749	0	0
Eastern Hemlock	5	719	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	719	144	29	17
Black Oak	3	687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	687	229	0	0
White Ash	3	443	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	443	148	449	179
Black Cherry	2	197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	197	98	150	56
Sugar Maple	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	75	75	66	7
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
Yellow-poplar - 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
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	9
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,939	401,622	11	7,635	7	5,504	3	1,733	5	5,088							1,964	421,582	3,779	6,600	1,985

PGC TIMBER SALE Kings Manor 3
STATE GAME LANDS NO. 168
SALE NUMBER 168-2022-02

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 -	1300 FEET	
Machine/Labor		0
Tons AASHTO #3		0
Tons AASHTO #4		0
Culvert Pipes		0
Seed		0.00
		<hr/>
		\$0.00
LANDINGS		
Machine/Labor		1,200.00
Seed, Lime, Fertilizer		3,200.00
		<hr/>
		\$4,400.00
SKID TRAILS		
Machine/Labor		800.00
Seed		150.00
		<hr/>
		\$950.00
ROAD RETIREMENT		
Machine/Labor		2,500.00
Tons AASHTO #3		3,600.00
Tons AASHTO #4		0.00
Seed		0.00
		<hr/>
		\$6,100.00
MISC. COSTS		
Total		\$0.00
TOTAL COST ESTIMATE		\$11,450.00



Eldred Twp

Ross Twp

State Game Lands 168

Eldred Twp

UPPER SMITH GAP RD

3002

3002 Aquashicola Creek

3002

State Game Lands 168

Ross Twp

BLUE MOUNTAIN CR
Chicola Lake

3002

3002

UPPER SMITH GAP RD

3002

Aquashicola Creek

Eldred Twp

CAMP WIND GAP DR

State Game Lands 168

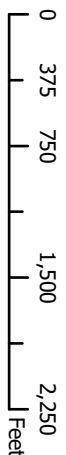
Ross Twp

MONROE
NORTHAMPTON
Buskill Twp

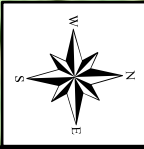
Timber Sale

- ▲ Parking Area
- ▣ State Game Land
- ▢ PA County
- Ⓛ Log Landing
- ▣ Timber Block
- === Administrative Road
- Seasonal Road

PGC PARKING LOT
SALE TOUR MEETS HERE
40.8408610, -75.3895281



KINGS MANOR 3 TIMBER SALE
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 168
MONROE COUNTY
ROSS TOWNSHIP
82 ACRES



●

Culvert

▲

Parking Area

◻

State Game Land

Ⓛ

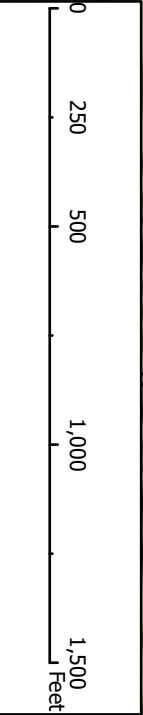
Log Landing

PGC Roadway

◻

Timber Block

Timber Sale



KINGS MANOR 3 TIMBER SALE
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 168
MONROE COUNTY
ROSS TOWNSHIP
82 ACRES

