

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 256,395 board feet of sawlogs and 1,813 tons of pulpwood located on 84 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 31, 2018**.

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, June 27, 2016**. 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 #: 168-15-02

NAME: KINGS MANOR

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 256,395 board feet of sawlogs and 1,813 tons of pulpwood to be cut from 84 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 **June 15, 2016**. Viewers will be met in the parking lot at the end of the Camp Wind Gap Drive south of Upper Smith Gap Road at 10:00 a.m., and conducted to the sale area.

The timber to be sold will be clearly designated by Frank Vinitiski, 253 Snyder Road, Reading, PA 19605, telephone: 1-610-926-3136 X 6686, the Assistant 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 unsuccessful 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 27, 2016**, 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 31, 2018**.

- PAYMENTS -

The sale is divided into 7 cutting blocks. Payment may be made by:

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

1 - 14%	- 12 acres
2 - 10%	- 5 acres
3 - 13%	- 14 acres
4 - 6%	- 11 acres
5 - 11%	- 7 acres
6 - 36%	- 21 acres
7 - 10%	- 14 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 five (5) Attached Sheet(s).

SPECIAL PROVISIONS FOR THE "KINGS MANOR" TIMBER SALE

STATE GAME LANDS # 168

1) ADMINISTRATIVE ITEMS

- a) 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.
- b) 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. The exception to this is block 1 in which all trees may be whole tree chipped and all material left on site must be windrowed to allow access for future management.
- c) 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.
- d) 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 clearcut with residual (CR) 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) In all thinning (TH) blocks: All Blue painted trees must be left standing and all Yellow painted trees must be cut through and placed on the ground.
- e) All stumps must be less than 12" in height when measured from the ground.
- f) All tree tops left on site must be lopped down to a maximum height of 6'.

3) US /STATE / LOCAL ROADS

- a) The PGC access road entrance is along Upper Smith Gap Road east of Palmerton.

4) GAME LAND ROADS TO BUILD / IMPROVE

- a) The timber contractor must improve portions of the existing haul road. Before the sale begins the road will require minor grading and a culvert pipe will have to be installed. Stone will be required on 1,300 feet of road at the completion of the harvest. All stone locations will have the material tailgate spread to a depth of 2 inches. The Regional forester will designate specific locations for culvert pipe, stone, and water bars. The side ditches and all disturbed areas must be seeded immediately following disturbance of the road.

b) Required Clean Limestone for this harvest

1. Stone is for all designated locations on the haul road.
2. Minimum of 150 tons of AASHTO # 3 (similar to 3A modified) stone for the following locations: Haul road retirement - 125 tons, culvert pipe – 25 tons.
3. Receipts may be required to verify the amount of stone applied to the designated locations.

c) Haul Road Improvement / 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 black plastic culvert pipe 18" X 20'. 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. 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 construction/improvement of the haul road and landing.
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) LANDING

- a) Five locations have been designated as the log landings for this harvest. The landings are located in blocks 1, 2, 4, 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, except for one trail from block 2 to the log landing..
- b) Skidding is not permitted through reserve sale areas or islands.
- 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 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.
- b) The haul road adjacent to block 4 and other sites designated by the Regional Forester will be top dressed with AASHTO #3 stone. A minimum of 125 tons of stone will be required.
- c) Seeding Specifications

Log Landings and segments	4 lbs. New Zealand White Clover/acre
Of Skid Trails & Haul Road	4 lbs. Red Clover/Acre
	3 lbs. Birdsfoot Tree Foil/Acre
	60 lbs. Wheat/acre – fall
	60 lbs Oats/acre - spring

REQUIRED FOR LOG LANDINGS:

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

Log landings	2.5 acres
Skid Trails	0.5 acre

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 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) PGC gates **must** be closed. Repeated failure to close gates will be penalized.

- d) Vehicle traffic on the PGC access road shall not exceed 25 MPH.
- e) The selling of firewood will to the general public will not be permitted. The sale of firewood to a commercial firewood contractor is permitted.
- f) 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.
- g) The Pennsylvania Game Commission will make a PA-1 call prior to the work on the road. The contractor must provide notice to the Regional Forester at least 72 hours (3 days) prior to start of the work. The call will be placed and the contractor will be notified when work may begin.
- h) This timber contract will expire on October 31, 2018.**

PA GAME COMMISSION TIMBER SALE BLOCK SUMMARY

SALE NAME KINGS MANOR
 BLOCK NO. 1,2,3,4,5,6,7
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/18/2016
 ACRES 84

Species		BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Totals
Form Class		79	79	79	79	83	82	81	81	80	79	81	83	
Block No.	Acres	<i>Board Foot Volume - Girard & Mesavage Scribner Rule</i>												
1-7	84	19,400	17,456	2,186	725	17,749	22,622	813	169,347	2,007	1,720	182	2,188	256,395
Totals	84	19,400	17,456	2,186	725	17,749	22,622	813	169,347	2,007	1,720	182	2,188	256,395
No. of Trees		256	176	23	3	210	214	6	756	19	8	3	12	1,686
AVG. Bd.ft./Tree		76	99	95	242	85	106	136	224	106	215	61	182	152
No. of Culls		0	0	0	0	0	3	0	0	0	0	0	0	3

<i>Pulpwood Volume</i>					
Block No.	Acres	Cords/ Acre	Tons/ Acre	Total Cords	Total Tons
1-7	84	9	22	788	1,813
				788	1,813

Comments:
 All volumes listed are estimates; Mixed Oak sawtimber group includes black oak and scarlet oak. Misc HW sawtimber group includes aspen, black cherry, and sassafras. Misc SW sawtimber group includes hemlock and white pine. The Misc HW pulp group contains black cherry, hickory, and sassafras.

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME KINGS MANOR
 BLOCK NUMBER(S) 1,2,3,4,5,6,7
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/18/2016
 ACRES 84

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BIRCH	79	256	0	19,400	76	7.6	231
BLACKGUM	79	176	0	17,456	99	6.8	208
MISC HW	79	23	0	2,186	95	0.9	26
MISC SW	79	3	0	725	242	0.3	9
RED MAPLE	83	210	0	17,749	85	6.9	211
WHITE ASH	82	214	3	22,622	106	8.8	269
WHITE OAK	81	6	0	813	136	0.3	10
YELLOW-POPLAR	81	756	0	169,347	224	66.0	2,016
CHESTNUT OAK	80	19	0	2,007	106	0.8	24
MIXED OAK	79	8	0	1,720	215	0.7	20
SUGAR MAPLE	81	3	0	182	61	0.1	2
N. RED OAK	83	12	0	2,188	182	0.9	26
TOTALS		1,686	3	256,395	152	100	3,052

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
MISC HW	485	0	2,489	4.2	30	0.4	0.9
RED MAPLE	1,339	0	11,861	20.1	141	1.9	4.3
WHITE ASH	1,816	0	12,387	21.0	147	2.0	4.5
YELLOW-POPLAR	515	0	6,054	10.2	72	1.0	2.2
BIRCH	1,813	0	15,556	26.3	185	2.5	5.7
BLACKGUM	1,472	0	9,625	16.3	115	1.5	3.5
SUGAR MAPLE	28	0	212	0.4	3	0.0	0.1
WHITE OAK	6	0	55	0.1	1	0.0	0.0
CHESTNUT OAK	128	0	792	1.3	9	0.1	0.3
N. RED OAK	5	0	24	0.0	0	0.0	0.0
E. HEMLOCK	4	0	59	0.1	1	0.0	0.0
TOTALS	7,610	0	59,113	100	704	9.4	21.6

Total trees less than or equal to 4" dbh to be cut: 4,925

Comments:

All volumes listed are estimates; Mixed Oak sawtimber group includes black oak and scarlet oak. Misc HW sawtimber group includes aspen, black cherry, and sassafras. Misc SW sawtimber group includes hemlock and white pine. The Misc HW pulp group contains black cherry, hickory, and sassafras.

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME KINGS MANOR
 BLOCK NO. 1,2,3,4,5,6,7
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/18/2016
 ACRES 84

Sawtimber Trees													
SPECIES DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW-POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	1	1
12"	106	8	4	0	71	64	0	80	4	0	1	2	340
14"	80	108	8	0	75	69	3	141	6	0	2	1	493
16"	27	39	7	1	39	29	1	161	3	2	0	2	311
18"	30	9	4	1	16	21	1	137	4	1	0	2	226
20"	11	7	0	0	8	10	0	116	2	3	0	3	160
22"	2	2	0	1	1	12	1	53	0	2	0	0	74
24"	0	2	0	0	0	5	0	37	0	0	0	1	45
26"	0	1	0	0	0	2	0	19	0	0	0	0	22
28"	0	0	0	0	0	1	0	7	0	0	0	0	8
30"	0	0	0	0	0	1	0	5	0	0	0	0	6
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	256	176	23	3	210	214	6	756	19	8	3	12	1,686

Sawtimber Volume (bdf.)													
10"	0	0	0	0	0	0	0	0	0	0	0	33	33
12"	3,610	258	160	0	2,956	2,672	0	3,777	162	0	32	89	13,716
14"	5,490	7,521	572	0	5,432	5,092	271	14,098	516	0	150	80	39,222
16"	2,773	4,545	766	95	4,964	3,486	100	27,309	332	316	0	220	44,906
18"	4,776	1,540	688	172	2,287	3,359	232	32,808	665	184	0	488	47,199
20"	2,279	1,772	0	0	1,886	2,001	0	36,031	332	753	0	805	45,859
22"	472	756	0	458	224	3,264	210	19,660	0	467	0	0	25,511
24"	0	668	0	0	0	1,400	0	17,452	0	0	0	473	19,993
26"	0	396	0	0	0	742	0	10,127	0	0	0	0	11,265
28"	0	0	0	0	0	368	0	4,277	0	0	0	0	4,645
30"	0	0	0	0	0	238	0	3,808	0	0	0	0	4,046
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	19,400	17,456	2,186	725	17,749	22,622	813	169,347	2,007	1,720	182	2,188	256,395

Pulpwood Trees													
SPECIES DBH	MISC HW	RED MAPLE	WHITE ASH	YELLOW-POPLAR	BIRCH	BLACKGUM	SUGAR MAPLE	WHITE OAK	CHESTNUT OAK	N. RED OAK	E. HEMLOCK		Total
6"	286	417	927	125	673	579	1	0	102	4	0		3,114
8"	111	448	487	126	569	508	27	4	3	0	2		2,284
10"	83	361	327	194	355	213	0	1	2	1	1		1,538
12"	4	66	63	50	203	153	0	1	12	0	0		552
14"	1	31	5	8	9	12	0	0	9	0	0		75
16"	0	0	4	3	1	8	0	0	0	0	1		17
18"	0	6	2	6	3	0	0	0	0	0	0		17
20" +	0	9	1	3	0	0	0	0	0	0	0		13
Total	485	1,339	1,816	515	1,813	1,472	28	6	128	5	4	0	7,610

Pulpwood Volume (cuft.)													
6"	875	1,225	2,567	425	2,099	1,760	3	0	269	11	0		9,234
8"	656	2,747	3,380	848	4,213	2,823	209	23	20	0	12		14,931
10"	870	4,660	4,515	2,671	4,582	2,060	0	12	23	12	11		19,417
12"	63	1,350	1,380	1,089	4,221	2,414	0	19	228	0	0		10,764
14"	24	939	162	257	249	290	0	0	252	0	0		2,172
16"	0	0	183	136	40	279	0	0	0	0	36		674
18"	0	330	124	370	151	0	0	0	0	0	0		975
20" +	0	610	76	259	0	0	0	0	0	0	0		946
Total	2,489	11,861	12,387	6,054	15,556	9,625	212	55	792	24	59	0	59,113

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME KINGS MANOR
 BLOCK NO. 1
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/18/2016
 ACRES 12

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BIRCH	79	3	0	104	35	0.3	9
BLACKGUM	79	1	0	44	44	0.1	4
MISC HW	79	3	0	414	138	1.2	35
MISC SW	79	1	0	172	172	0.5	14
RED MAPLE	83	4	0	198	50	0.6	17
WHITE ASH	82	70	3	9,213	132	26.2	768
WHITE OAK	81	2	0	146	73	0.4	12
YELLOW-POPLAR	81	126	0	24,865	197	70.7	2,072
CHESTNUT OAK	80	0	0	0	0	0.0	0
MIXED OAK	79	0	0	0	0	0.0	0
SUGAR MAPLE	81	0	0	0	0	0.0	0
N. RED OAK	83	0	0	0	0	0.0	0
TOTALS		210	3	35,156	167	100	2,931

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
MISC HW	69	0	442	5.4	37	0.5	1.1
RED MAPLE	43	0	305	3.8	25	0.3	0.8
WHITE ASH	984	0	5,398	66.6	450	6.0	13.8
YELLOW-POPLAR	144	0	1,963	24.2	164	2.2	5.0
BIRCH	0	0	0	0.0	0	0.0	0.0
BLACKGUM	0	0	0	0.0	0	0.0	0.0
SUGAR MAPLE	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
CHESTNUT OAK	0	0	0	0.0	0	0.0	0.0
N. RED OAK	0	0	0	0.0	0	0.0	0.0
E. HEMLOCK	0	0	0	0.0	0	0.0	0.0
TOTALS	1,240	0	8,108	100	676	9.0	20.7

Total trees less than or equal to 4" dbh to be cut: 1,294

Comments:

Clear Cut; 1) Sawtimber - 100% Tally, 2) Pulp - 10 BAF Prism Cruise

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME KINGS MANOR
 BLOCK NO. 2
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/18/2016
 ACRES 5

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BIRCH	79	0	0	0	0	0.0	0
BLACKGUM	79	0	0	0	0	0.0	0
MISC HW	79	0	0	0	0	0.0	0
MISC SW	79	0	0	0	0	0.0	0
RED MAPLE	83	1	0	49	49	0.2	10
WHITE ASH	82	36	0	4,701	131	19.1	940
WHITE OAK	81	0	0	0	0	0.0	0
YELLOW-POPLAR	81	84	0	19,854	236	80.7	3,971
CHESTNUT OAK	80	0	0	0	0	0.0	0
MIXED OAK	79	0	0	0	0	0.0	0
SUGAR MAPLE	81	0	0	0	0	0.0	0
N. RED OAK	83	0	0	0	0	0.0	0
TOTALS		121	0	24,604	203	100	4,921

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
MISC HW	5	0	26	1.2	5	0.1	0.2
RED MAPLE	47	0	333	15.0	67	0.9	2.0
WHITE ASH	61	0	940	42.3	188	2.5	5.8
YELLOW-POPLAR	58	0	758	34.1	152	2.0	4.6
BIRCH	8	0	134	6.0	27	0.4	0.8
BLACKGUM	2	0	9	0.4	2	0.0	0.1
SUGAR MAPLE	1	0	3	0.1	1	0.0	0.0
WHITE OAK	1	0	19	0.9	4	0.1	0.1
CHESTNUT OAK	0	0	0	0.0	0	0.0	0.0
N. RED OAK	0	0	0	0.0	0	0.0	0.0
E. HEMLOCK	0	0	0	0.0	0	0.0	0.0
TOTALS	183	0	2,221	100	446	5.9	13.6

Total trees less than or equal to 4" dbh to be cut: 49

Comments:

Shelterwood; 1) Sawtimber - 100% Tally, 2) Pulp - 100% Tally

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME KINGS MANOR
 BLOCK NO. 2
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/18/2016
 ACRES 5

Sawtimber Trees													
SPECIES DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	3	0	6	0	0	0	0	9
14"	0	0	0	0	1	11	0	8	0	0	0	0	20
16"	0	0	0	0	0	8	0	20	0	0	0	0	28
18"	0	0	0	0	0	5	0	14	0	0	0	0	19
20"	0	0	0	0	0	3	0	19	0	0	0	0	22
22"	0	0	0	0	0	4	0	4	0	0	0	0	8
24"	0	0	0	0	0	2	0	6	0	0	0	0	8
26"	0	0	0	0	0	0	0	5	0	0	0	0	5
28"	0	0	0	0	0	0	0	2	0	0	0	0	2
30"	0	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	36	0	84	0	0	0	0	121

Sawtimber Volume (bdf.)													
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	116	0	283	0	0	0	0	399
14"	0	0	0	0	49	678	0	613	0	0	0	0	1,340
16"	0	0	0	0	0	949	0	3,083	0	0	0	0	4,032
18"	0	0	0	0	0	945	0	2,779	0	0	0	0	3,724
20"	0	0	0	0	0	453	0	5,358	0	0	0	0	5,811
22"	0	0	0	0	0	935	0	1,297	0	0	0	0	2,232
24"	0	0	0	0	0	625	0	3,002	0	0	0	0	3,627
26"	0	0	0	0	0	0	0	2,445	0	0	0	0	2,445
28"	0	0	0	0	0	0	0	994	0	0	0	0	994
30"	0	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	49	4,701	0	19,854	0	0	0	0	24,604

Pulpwood Trees													
SPECIES DBH	MISC HW	RED MAPLE	WHITE ASH	YELLOW- POPLAR	BIRCH	BLACKGUM	SUGAR MAPLE	WHITE OAK	CHESTNUT OAK	N. RED OAK	E. HEMLOCK		Total
6"	2	25	15	18	2	1	1	0	0	0	0		64
8"	3	12	7	15	2	1	0	0	0	0	0		40
10"	0	8	22	12	0	0	0	0	0	0	0		42
12"	0	0	10	7	3	0	0	1	0	0	0		21
14"	0	1	3	2	0	0	0	0	0	0	0		6
16"	0	0	2	2	0	0	0	0	0	0	0		4
18"	0	1	1	2	1	0	0	0	0	0	0		5
20" +	0	0	1	0	0	0	0	0	0	0	0		1
Total	5	47	61	58	8	2	1	1	0	0	0	0	183

Pulpwood Volume (cuft.)													
6"	6	73	42	61	6	3	3	0	0	0	0		195
8"	20	74	49	101	15	6	0	0	0	0	0		263
10"	0	103	304	166	0	0	0	0	0	0	0		573
12"	0	0	219	152	62	0	0	19	0	0	0		452
14"	0	30	97	64	0	0	0	0	0	0	0		192
16"	0	0	91	91	0	0	0	0	0	0	0		182
18"	0	53	62	123	50	0	0	0	0	0	0		288
20" +	0	0	76	0	0	0	0	0	0	0	0		76
Total	26	333	940	758	134	9	3	19	0	0	0	0	2,221

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME KINGS MANOR
 BLOCK NO. 3
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/16/2016
 ACRES 14

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BIRCH	79	44	0	3,565	81	10.7	255
BLACKGUM	79	6	0	468	78	1.4	33
MISC HW	79	0	0	0	0	0.0	0
MISC SW	79	0	0	0	0	0.0	0
RED MAPLE	83	23	0	1,766	77	5.3	126
WHITE ASH	82	26	0	1,699	65	5.1	121
WHITE OAK	81	0	0	0	0	0.0	0
YELLOW-POPLAR	81	134	0	25,704	192	77.0	1,836
CHESTNUT OAK	80	1	0	178	178	0.5	13
MIXED OAK	79	0	0	0	0	0.0	0
SUGAR MAPLE	81	0	0	0	0	0.0	0
N. RED OAK	83	0	0	0	0	0.0	0
TOTALS		234	0	33,380	143	100	2,384

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
MISC HW	7	0	62	0.8	4	0.1	0.1
RED MAPLE	125	0	1,127	14.4	80	1.1	2.5
WHITE ASH	246	0	2,025	25.9	145	1.9	4.4
YELLOW-POPLAR	105	0	906	11.6	65	0.9	2.0
BIRCH	303	0	2,467	31.5	176	2.3	5.4
BLACKGUM	203	0	1,190	15.2	85	1.1	2.6
SUGAR MAPLE	0	0	0	0.0	0	0.0	0.0
WHITE OAK	3	0	18	0.2	1	0.0	0.0
CHESTNUT OAK	4	0	28	0.4	2	0.0	0.1
N. RED OAK	0	0	0	0.0	0	0.0	0.0
E. HEMLOCK	0	0	0	0.0	0	0.0	0.0
TOTALS	996	0	7,823	100	558	7.5	17.1

Total trees less than or equal to 4" dbh to be cut: 489

Comments:

Shelterwood; 1) Sawtimber - 100% Tally, 2) Pulp - 100% Tally

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME KINGS MANOR
 BLOCK NO. 3
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/16/2016
 ACRES 14

Sawtimber Trees													
SPECIES DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	11	1	0	0	7	11	0	27	0	0	0	0	57
14"	19	4	0	0	11	13	0	27	0	0	0	0	74
16"	5	1	0	0	4	2	0	39	0	0	0	0	51
18"	5	0	0	0	1	0	0	18	1	0	0	0	25
20"	4	0	0	0	0	0	0	14	0	0	0	0	18
22"	0	0	0	0	0	0	0	6	0	0	0	0	6
24"	0	0	0	0	0	0	0	3	0	0	0	0	3
26"	0	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	44	6	0	0	23	26	0	134	1	0	0	0	234

Sawtimber Volume (bdf.)													
DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	384	30	0	0	280	448	0	1,338	0	0	0	0	2,480
14"	1,220	308	0	0	756	1,002	0	2,936	0	0	0	0	6,222
16"	479	130	0	0	588	249	0	7,474	0	0	0	0	8,920
18"	672	0	0	0	142	0	0	4,838	178	0	0	0	5,830
20"	810	0	0	0	0	0	0	4,927	0	0	0	0	5,737
22"	0	0	0	0	0	0	0	2,441	0	0	0	0	2,441
24"	0	0	0	0	0	0	0	1,750	0	0	0	0	1,750
26"	0	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,565	468	0	0	1,766	1,699	0	25,704	178	0	0	0	33,380

Pulpwood Trees													
SPECIES DBH	MISC HW	RED MAPLE	WHITE ASH	YELLOW- POPLAR	BIRCH	BLACKGUM	SUGAR MAPLE	WHITE OAK	CHESTNUT OAK	N. RED OAK	E. HEMLOCK		Total
6"	3	33	94	44	124	96	0	0	1	0	0		395
8"	1	39	81	25	96	64	0	3	2	0	0		311
10"	0	40	57	27	55	27	0	0	1	0	0		207
12"	3	12	9	7	22	14	0	0	0	0	0		67
14"	0	1	2	2	4	1	0	0	0	0	0		10
16"	0	0	2	0	1	1	0	0	0	0	0		4
18"	0	0	1	0	1	0	0	0	0	0	0		2
20" +	0	0	0	0	0	0	0	0	0	0	0		0
Total	7	125	246	105	303	203	0	3	4	0	0	0	996

Pulpwood Volume (cuft.)													
DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
6"	9	97	260	150	387	292	0	0	3	0	0	0	1,197
8"	6	239	563	168	711	356	0	18	13	0	0	0	2,073
10"	0	516	787	372	710	261	0	0	12	0	0	0	2,659
12"	47	245	197	152	458	221	0	0	0	0	0	0	1,320
14"	0	30	65	64	111	24	0	0	0	0	0	0	294
16"	0	0	91	0	40	36	0	0	0	0	0	0	167
18"	0	0	62	0	50	0	0	0	0	0	0	0	112
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	62	1,127	2,025	906	2,467	1,190	0	18	28	0	0	0	7,823

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME KINGS MANOR
 BLOCK NO. 4
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/17/2016
 ACRES 11

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BIRCH	79	12	0	1,578	132	9.9	143
BLACKGUM	79	1	0	44	44	0.3	4
MISC HW	79	3	0	332	111	2.1	30
MISC SW	79	0	0	0	0	0.0	0
RED MAPLE	83	12	0	1,107	92	6.9	101
WHITE ASH	82	9	0	991	110	6.2	90
WHITE OAK	81	0	0	0	0	0.0	0
YELLOW-POPLAR	81	54	0	11,519	213	72.3	1,047
CHESTNUT OAK	80	0	0	0	0	0.0	0
MIXED OAK	79	1	0	296	296	1.9	27
SUGAR MAPLE	81	1	0	75	75	0.5	7
N. RED OAK	83	0	0	0	0	0.0	0
TOTALS		93	0	15,942	171	100	1,449

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
MISC HW	7	0	70	1.6	6	0.1	0.2
RED MAPLE	192	0	1,639	37.5	149	2.0	4.6
WHITE ASH	80	0	498	11.4	45	0.6	1.4
YELLOW-POPLAR	54	0	431	9.9	39	0.5	1.2
BIRCH	136	0	1,099	25.1	100	1.3	3.1
BLACKGUM	100	0	582	13.3	53	0.7	1.6
SUGAR MAPLE	0	0	0	0.0	0	0.0	0.0
WHITE OAK	1	0	12	0.3	1	0.0	0.0
CHESTNUT OAK	4	0	15	0.3	1	0.0	0.0
N. RED OAK	4	0	21	0.5	2	0.0	0.1
E. HEMLOCK	1	0	6	0.1	1	0.0	0.0
TOTALS	579	0	4,372	100	397	5.3	12.2

Total trees less than or equal to 4" dbh to be cut: 344

Comments:

Shelterwood; 1) Sawtimber - 100% Tally, 2) Pulp - 100% Tally

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME KINGS MANOR
 BLOCK NO. 4
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/17/2016
 ACRES 11

Sawtimber Trees													
SPECIES DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	3	0	0	0	2	4	0	8	0	0	0	0	17
14"	2	1	1	0	5	2	0	14	0	0	1	0	26
16"	1	0	2	0	4	1	0	12	0	0	0	0	20
18"	3	0	0	0	1	1	0	8	0	0	0	0	13
20"	2	0	0	0	0	0	0	7	0	1	0	0	10
22"	1	0	0	0	0	0	0	2	0	0	0	0	3
24"	0	0	0	0	0	1	0	2	0	0	0	0	3
26"	0	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	1	0	0	0	0	1
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	12	1	3	0	12	9	0	54	0	1	1	0	93

Sawtimber Volume (bdf.)													
DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	122	0	0	0	89	164	0	381	0	0	0	0	756
14"	144	44	72	0	365	182	0	1,676	0	0	75	0	2,558
16"	97	0	260	0	511	143	0	2,388	0	0	0	0	3,399
18"	561	0	0	0	142	140	0	1,864	0	0	0	0	2,707
20"	381	0	0	0	0	0	0	2,468	0	296	0	0	3,145
22"	273	0	0	0	0	0	0	866	0	0	0	0	1,139
24"	0	0	0	0	0	362	0	1,139	0	0	0	0	1,501
26"	0	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	737	0	0	0	0	737
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,578	44	332	0	1,107	991	0	11,519	0	296	75	0	15,942

Pulpwood Trees													
SPECIES DBH	MISC HW	RED MAPLE	WHITE ASH	YELLOW- POPLAR	BIRCH	BLACKGUM	SUGAR MAPLE	WHITE OAK	CHESTNUT OAK	N. RED OAK	E. HEMLOCK		Total
6"	1	64	47	23	59	47	0	0	3	3	0		247
8"	3	60	14	15	38	34	0	0	1	0	1		166
10"	1	47	18	12	26	11	0	1	0	1	0		117
12"	1	16	1	4	9	6	0	0	0	0	0		37
14"	1	5	0	0	4	2	0	0	0	0	0		12
16"	0	0	0	0	0	0	0	0	0	0	0		0
18"	0	0	0	0	0	0	0	0	0	0	0		0
20" +	0	0	0	0	0	0	0	0	0	0	0		0
Total	7	192	80	54	136	100	0	1	4	4	1	0	579

Pulpwood Volume (cuft.)													
DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
6"	3	188	130	78	184	143	0	0	8	8	0	0	743
8"	17	368	97	101	281	189	0	0	7	0	6	0	1,066
10"	10	606	249	166	336	107	0	12	0	12	0	0	1,497
12"	16	326	22	87	187	95	0	0	0	0	0	0	733
14"	24	151	0	0	111	49	0	0	0	0	0	0	335
16"	0	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	70	1,639	498	431	1,099	582	0	12	15	21	6	0	4,372

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME KINGS MANOR
 BLOCK NO. 5
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/16/2016
 ACRES 7

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BIRCH	79	16	0	1,226	77	4.4	175
BLACKGUM	79	0	0	0	0	0.0	0
MISC HW	79	0	0	0	0	0.0	0
MISC SW	79	1	0	95	95	0.3	14
RED MAPLE	83	6	0	972	162	3.5	139
WHITE ASH	82	5	0	600	120	2.2	86
WHITE OAK	81	0	0	0	0	0.0	0
YELLOW-POPLAR	81	112	0	24,196	216	87.5	3,457
CHESTNUT OAK	80	1	0	98	98	0.4	14
MIXED OAK	79	0	0	0	0	0.0	0
SUGAR MAPLE	81	0	0	0	0	0.0	0
N. RED OAK	83	1	0	473	473	1.7	68
TOTALS		142	0	27,660	195	100	3,953

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
MISC HW	10	0	54	2.1	8	0.1	0.2
RED MAPLE	40	0	260	9.9	37	0.5	1.1
WHITE ASH	31	0	247	9.4	35	0.5	1.1
YELLOW-POPLAR	107	0	1,250	47.5	179	2.4	5.5
BIRCH	100	0	659	25.0	94	1.3	2.9
BLACKGUM	15	0	84	3.2	12	0.2	0.4
SUGAR MAPLE	0	0	0	0.0	0	0.0	0.0
WHITE OAK	1	0	6	0.2	1	0.0	0.0
CHESTNUT OAK	2	0	14	0.5	2	0.0	0.1
N. RED OAK	1	0	3	0.1	0	0.0	0.0
E. HEMLOCK	3	0	53	2.0	8	0.1	0.2
TOTALS	310	0	2,630	100	376	5.0	11.5

Total trees less than or equal to 4" dbh to be cut: 156

Comments:

Shelterwood; 1) Sawtimber - 100% Tally, 2) Pulp - 100% Tally

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME KINGS MANOR
 BLOCK NO. 5
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/16/2016
 ACRES 7

Sawtimber Trees													
SPECIES DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	8	0	0	0	0	1	0	16	0	0	0	0	25
14"	4	0	0	0	3	1	0	25	1	0	0	0	34
16"	1	0	0	1	1	0	0	17	0	0	0	0	20
18"	3	0	0	0	1	2	0	20	0	0	0	0	26
20"	0	0	0	0	1	1	0	18	0	0	0	0	20
22"	0	0	0	0	0	0	0	8	0	0	0	0	8
24"	0	0	0	0	0	0	0	5	0	0	0	1	6
26"	0	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	3	0	0	0	0	3
30"	0	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	16	0	0	1	6	5	0	112	1	0	0	1	142

Sawtimber Volume (bdf.)													
DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	294	0	0	0	0	32	0	751	0	0	0	0	1,077
14"	331	0	0	0	205	48	0	2,484	98	0	0	0	3,166
16"	130	0	0	95	110	0	0	2,622	0	0	0	0	2,957
18"	471	0	0	0	287	280	0	5,291	0	0	0	0	6,329
20"	0	0	0	0	370	240	0	5,589	0	0	0	0	6,199
22"	0	0	0	0	0	0	0	2,808	0	0	0	0	2,808
24"	0	0	0	0	0	0	0	2,640	0	0	0	473	3,113
26"	0	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	2,011	0	0	0	0	2,011
30"	0	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,226	0	0	95	972	600	0	24,196	98	0	0	473	27,660

Pulpwood Trees													
SPECIES DBH	MISC HW	RED MAPLE	WHITE ASH	YELLOW- POPLAR	BIRCH	BLACKGUM	SUGAR MAPLE	WHITE OAK	CHESTNUT OAK	N. RED OAK	E. HEMLOCK		Total
6"	6	19	15	40	55	7	0	0	1	1	0		144
8"	3	12	7	31	28	5	0	1	0	0	1		88
10"	1	7	5	17	14	2	0	0	1	0	1		48
12"	0	2	4	11	1	1	0	0	0	0	0		19
14"	0	0	0	4	1	0	0	0	0	0	0		5
16"	0	0	0	1	0	0	0	0	0	0	1		2
18"	0	0	0	0	1	0	0	0	0	0	0		1
20" +	0	0	0	3	0	0	0	0	0	0	0		3
Total	10	40	31	107	100	15	0	1	2	1	3	0	310

Pulpwood Volume (cuft.)													
DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
6"	19	56	42	136	171	21	0	0	3	3	0	0	451
8"	21	74	49	208	207	28	0	6	0	0	6	0	598
10"	14	90	69	235	181	19	0	0	12	0	11	0	630
12"	0	41	87	239	21	16	0	0	0	0	0	0	404
14"	0	0	0	129	28	0	0	0	0	0	0	0	156
16"	0	0	0	45	0	0	0	0	0	0	36	0	82
18"	0	0	0	0	50	0	0	0	0	0	0	0	50
20" +	0	0	0	259	0	0	0	0	0	0	0	0	259
Total	54	260	247	1,250	659	84	0	6	14	3	53	0	2,630

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME KINGS MANOR
 BLOCK NO. 6
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/14/2016
 ACRES 21

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BIRCH	79	106	0	7,872	74	8.5	375
BLACKGUM	79	90	0	10,064	112	10.8	479
MISC HW	79	15	0	1,334	89	1.4	64
MISC SW	79	1	0	458	458	0.5	22
RED MAPLE	83	97	0	8,184	84	8.8	390
WHITE ASH	82	36	0	2,148	60	2.3	102
WHITE OAK	81	4	0	667	167	0.7	32
YELLOW-POPLAR	81	230	0	58,056	252	62.4	2,765
CHESTNUT OAK	80	12	0	1,176	98	1.3	56
MIXED OAK	79	7	0	1,424	203	1.5	68
SUGAR MAPLE	81	0	0	0	0	0.0	0
N. RED OAK	83	10	0	1,682	168	1.8	80
TOTALS		608	0	93,065	153	100	4,433

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
MISC HW	27	0	152	1.0	7	0.1	0.2
RED MAPLE	444	0	4,145	26.8	197	2.6	6.1
WHITE ASH	234	0	1,882	12.2	90	1.2	2.7
YELLOW-POPLAR	47	0	747	4.8	36	0.5	1.1
BIRCH	620	0	5,298	34.2	252	3.4	7.7
BLACKGUM	244	0	2,515	16.3	120	1.6	3.7
SUGAR MAPLE	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
CHESTNUT OAK	118	0	735	4.8	35	0.5	1.1
N. RED OAK	0	0	0	0.0	0	0.0	0.0
E. HEMLOCK	0	0	0	0.0	0	0.0	0.0
TOTALS	1,735	0	15,474	100	737	9.8	22.6

Total trees less than or equal to 4" dbh to be cut: 1,203

Comments:

Clear Cut; 1) Sawtimber - 100% Tally, 2) Pulp - 10 BAF Prism Cruise

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME KINGS MANOR
 BLOCK NO. 6
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/14/2016
 ACRES 21

Sawtimber Trees													
SPECIES DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	47	0	2	0	36	20	0	10	3	0	0	0	120
14"	29	55	7	0	28	14	2	40	3	0	0	1	179
16"	15	20	3	0	21	2	0	41	3	2	0	2	109
18"	11	5	3	0	7	0	1	44	1	1	0	2	75
20"	3	5	0	0	5	0	0	37	2	2	0	3	57
22"	1	2	0	1	0	0	1	25	0	2	0	0	32
24"	0	2	0	0	0	0	0	15	0	0	0	0	17
26"	0	1	0	0	0	0	0	12	0	0	0	0	13
28"	0	0	0	0	0	0	0	2	0	0	0	0	2
30"	0	0	0	0	0	0	0	4	0	0	0	0	4
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	106	90	15	1	97	36	4	230	12	7	0	10	608

Sawtimber Volume (bdf.)													
DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0	0
12"	1,626	0	78	0	1,476	880	0	396	112	0	0	89	4,657
14"	1,959	3,746	500	0	2,084	1,098	225	3,811	222	0	0	80	13,725
16"	1,581	2,417	285	0	2,706	170	0	6,376	332	316	0	220	14,403
18"	1,741	807	471	0	762	0	232	10,145	178	184	0	488	15,008
20"	766	1,274	0	0	1,156	0	0	10,760	332	457	0	805	15,550
22"	199	756	0	458	0	0	210	9,125	0	467	0	0	11,215
24"	0	668	0	0	0	0	0	6,697	0	0	0	0	7,365
26"	0	396	0	0	0	0	0	6,403	0	0	0	0	6,799
28"	0	0	0	0	0	0	0	1,272	0	0	0	0	1,272
30"	0	0	0	0	0	0	0	3,071	0	0	0	0	3,071
32"	0	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7,872	10,064	1,334	458	8,184	2,148	667	58,056	1,176	1,424	0	1,682	93,065

Pulpwood Trees													
SPECIES DBH	MISC HW	RED MAPLE	WHITE ASH	YELLOW- POPLAR	BIRCH	BLACKGUM	SUGAR MAPLE	WHITE OAK	CHESTNUT OAK	N. RED OAK	E. HEMLOCK		Total
6"	0	97	97	0	243	0	0	0	97	0	0		535
8"	27	191	55	0	164	109	0	0	0	0	0		547
10"	0	123	70	35	140	70	0	0	0	0	0		438
12"	0	24	12	12	73	49	0	0	12	0	0		182
14"	0	0	0	0	0	9	0	0	9	0	0		18
16"	0	0	0	0	0	7	0	0	0	0	0		7
18"	0	0	0	0	0	0	0	0	0	0	0		0
20" +	0	9	0	0	0	0	0	0	0	0	0		9
Total	27	444	234	47	620	244	0	0	118	0	0	0	1,735

Pulpwood Volume (cuft.)													
DBH	BIRCH	BLACKGUM	MISC HW	MISC SW	RED MAPLE	WHITE ASH	WHITE OAK	YELLOW- POPLAR	CHESTNUT OAK	MIXED OAK	SUGAR MAPLE	N. RED OAK	Total
6"	0	286	269	0	758	0	0	256	0	0	0	0	1,569
8"	152	1,174	380	0	1,215	608	0	0	0	0	0	0	3,529
10"	0	1,580	967	483	1,808	678	0	0	0	0	0	0	5,516
12"	0	496	266	264	1,517	768	0	0	228	0	0	0	3,538
14"	0	0	0	0	0	217	0	0	252	0	0	0	469
16"	0	0	0	0	0	243	0	0	0	0	0	0	243
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	610	0	0	0	0	0	0	0	0	0	0	610
Total	152	4,145	1,882	747	5,298	2,515	0	0	735	0	0	0	15,474

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME KINGS MANOR
 BLOCK NO. 7
 COUNTY Monroe
 TOWNSHIP Ross

SGL NO. 168
 FORESTER WEAVER
 DATE 3/14/2016
 ACRES 14

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BIRCH	79	75	0	5,055	67	19.0	361
BLACKGUM	79	78	0	6,836	88	25.7	488
MISC HW	79	2	0	106	53	0.4	8
MISC SW	79	0	0	0	0	0.0	0
RED MAPLE	83	67	0	5,473	82	20.6	391
WHITE ASH	82	32	0	3,270	102	12.3	234
WHITE OAK	81	0	0	0	0	0.0	0
YELLOW-POPLAR	81	16	0	5,153	322	19.4	368
CHESTNUT OAK	80	5	0	555	111	2.1	40
MIXED OAK	79	0	0	0	0	0.0	0
SUGAR MAPLE	81	2	0	107	54	0.4	8
N. RED OAK	83	1	0	33	33	0.1	2
TOTALS		278	0	26,588	96	100	1,900

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
MISC HW	360	0	1,683	9.1	120	1.6	3.7
RED MAPLE	448	0	4,051	21.9	289	3.9	8.9
WHITE ASH	179	0	1,398	7.6	100	1.3	3.1
YELLOW-POPLAR	0	0	0	0.0	0	0.0	0.0
BIRCH	646	0	5,900	31.9	421	5.6	12.9
BLACKGUM	908	0	5,245	28.4	375	5.0	11.5
SUGAR MAPLE	27	0	209	1.1	15	0.2	0.5
WHITE OAK	0	0	0	0.0	0	0.0	0.0
CHESTNUT OAK	0	0	0	0.0	0	0.0	0.0
N. RED OAK	0	0	0	0.0	0	0.0	0.0
E. HEMLOCK	0	0	0	0.0	0	0.0	0.0
TOTALS	2,567	0	18,486	100	1,320	17.6	40.5

Total trees less than or equal to 4" dbh to be cut: 1,390

Comments:

Clear Cut; 1) Sawtimber - 100% Tally, 2) Pulp - 10 BAF Prism Cruise

ESTIMATED TIMBER HARVEST COSTS
KINGS MANOR TIMBER SALE
168-15-02
5/3/2016

HAUL ROAD COSTS

ROAD IMPROVEMENT

DISTANCE	1300 FT				
DOZER TIME	1 X \$	1400 /DAY	\$	\$1,400.00	
TEMP. SEEDING COST			\$		

CULVERT PIPE

15 X 20	# OF PIPES	0 X \$	240 /PIPE	\$	\$0.00
18 X 20	# OF PIPES	1 X \$	260 /PIPE	\$	\$260.00
24 X 20	# OF PIPES	0 X \$	280 /PIPE	\$	\$0.00
	# OF PIPES	0 X \$	200 /PIPE	\$	\$0.00

INSTALLATION OF PIPE WITH HOE:	# DAYS	0.5 X \$	1000 /DAY	\$	\$500.00
MISC.				\$	\$0.00

STONE

TYPE					
AASHTO # 3					
HAUL ROAD SURFACE	125 TONS	X \$	13 /TON	\$	\$1,625.00
CULVERT PIPES	25 TONS	X \$	13 /TON	\$	\$325.00
TONS OF STONE	150 TONS				
TOTAL COST					\$1,950.00

REGRADE ROAD

LINEAR FEET - 7000'	2 DAYS	X \$	1400 /DAY	\$	\$2,800.00
MISC. -TEMP SEEDING				\$	

LANDINGS					
CONSTRUCT FOOD PLOT 1/2 ACRE CLEARED					
COST - Block 1 & 2	3 LANDINGS	X \$	1400 /SITE	\$	\$4,200.00
COST - Block 4 & 6	2 LANDINGS	X \$	600 /SITE	\$	\$1,200.00
MISC. - TEMP SEEDING				\$	

BLOCK CLEAN-UP

SEEDING EROSION AREAS - SKID TRAILS	0.5 ACRES	X \$	300 /ACRE	\$	\$150.00
WATER BARS	1 DAYS	X \$	800 /DAY	\$	\$800.00
LANDING SEEDING	2.5 ACRES	X \$	1600 /ACRE	\$	\$4,000.00

ESTIMATED TOTAL PROJECT COSTS \$ \$17,260.00



Upper Smith Gap Road

Aquashicola Creek

Camp Wind Gap Drive

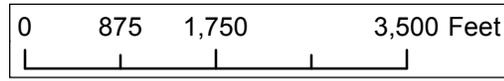
PGC PARKING LOT
SALE TOUR MEETS HERE
40.840807, -75.389420

Chestnut Ridge Drive

Pt. Phillips Road

KINGS MANOR TIMBER SALE
STATE GAME LANDS 168
MONROE COUNTY
ROSS TOWNSHIP
 BLOCK 1 = 12 ACRES
 BLOCK 2 = 5 ACRES
 BLOCK 3 = 14 ACRES
 BLOCK 4 = 11 ACRES
 BLOCK 5 = 7 ACRES
 BLOCK 6 = 21 ACRES
 BLOCK 7 = 14 ACRES
 RESERVE = 3 ACRES
TOTAL= 87 ACRES
 map drawn 4/2016

MONROE COUNTY
NORTHAMPTON COUNTY



Legend

- SGL_Boundary
- Timber_Block TREATMENT**
- Clearcut with Residual
- Shelterwood
- Reserved
- Log_Landing
- Administrative Roads
- Public Roads
- Parking_Area
- Stream

