

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 349,999board feet of sawlogs and 6,824 tons of pulpwood located on 218 acres of State Game Lands No. 080, Washington Township, Schuylkill 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 **\$5,000.00** 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, 2026**.

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 #080**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, April 29, 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 #:080  
SALE #: 080-2023-01  
NAME: White Horse

**- INSTRUCTIONS TO BIDDERS -**

The following information covers details concerning the proposed lump sum sale of an estimated 349,999 board feet of sawlogs and 6,824 tons of pulpwood to be cut from 218 acres of State Game Lands No. 080, Washington Township, Schuylkill County.

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

**- SHOW DATE -**

Timber will be shown to prospective bidders on **April 4, 2024**. Viewers will be met at the end of Hunters Drive (40.5328128, -76.2819979) 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 EARLY ENOUGH TO PERMIT U.S. POSTAL SERVICE DELIVERY BY THE BID OPENING. 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 #080**. 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, April 29, 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 **\$5,000.00** 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, 2026.**

**- PAYMENTS -**

The sale is divided into 5 cutting blocks. Payment may be made by:

1. Total payment when agreement is signed.  
or
2. Payment by individual block or blocks.
  - 1 – 18% - 52 acres
  - 2 – 45% - 60 acres
  - 3 – 12% - 50 acres
  - 4 – 19% - 25 acres
  - 5 – 6% - 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 6 Attached Sheet(s).

## **SPECIAL PROVISIONS FOR THE "WHITE HORSE" TIMBER SALE**

### **STATE GAME LANDS # 080**

#### **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) There is a constructed crossing across a pipeline right-of-way that will be replaced by the pipeline company. The crossing must be replaced before any logging activity can begin in Blocks 1, 2, 3, or 4.
- d) 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 and 2 to keep logging slash away from residual trees.
- e) The Regional Forester or his designee will closely monitor harvest and skidder damage to residual trees. If damage becomes excessive additional restrictions will be placed on the harvest. Total disregard to the residual trees and failure to take corrective actions will result in payment of damages and/or termination of the timber contract.
- f) If site conditions in the woods (for felling, skidding, or trucking) or the use of the haul road become too wet, muddy or ice covered and could or will cause damage to the property, all phases of the job will be suspended until working conditions are favorable. The Regional Forester will make the final decision in this matter.

#### **2) BOUNDARIES, BLOCKS AND CUTTING INSTRUCTIONS**

- a) All sale activity (Felling, Skidding & Trucking) is restricted to the defined sale area. Sale area boundary is defined by blue paint.
- b) No skidding is permitted on the haul road.
- c) The reserve block may need to be crossed to skid from Block 4 to the landing in Block 1. The reserve block may only be crossed in one location and the location must be approved by the Regional Forester or his designee.
- d) All conifers (pine, hemlock, etc.) are reserved and will be left standing.
- e) In all blocks: All Red and Blue painted trees must be left standing and not damaged.
- f) In Blocks 1 and 2: All trees greater than 2" DBH will be cut except those marked with a red dot.
- g) In Block 3: All trees marked with a yellow dot will be cut and all trees between 2" and 10" DBH will be cut.
- h) In Blocks 4 and 5: There are reserve islands with perimeters marked with red bands. All trees outside the reserve islands greater than 2" DBH will be cut.
- i) There are several trees near the gate that must be felled and removed. The stumps must also be removed. These trees are marked with yellow paint.

- j) All stumps must be less than 12" in height when measured from the ground.

**3) US /STATE / LOCAL ROADS**

- a) The PGC access road begins at the end of Hunters Drive.

**4) GAME LAND ROADS TO BUILD / IMPROVE**

- a) The timber contractor must maintain 7,000 feet of haul road for this project. 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 the road after completion of the harvest. All stone locations will have the material tailgate spread to a depth of 4 inches. 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) One 24"x30' culvert pipe must be installed before harvest operation may begin in Blocks 1, 2, 3, and 4.
- c) 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.
- d) Required stone for this harvest
  1. Stone is for all designated locations on the haul road.
  2. Minimum of 300 tons of AASHTO # 3 (similar to 3A modified) stone for the following locations: Haul road - 275 tons, culverts – 25 tons.
  3. Receipts may be required to verify the amount of stone applied to the designated locations.
- e) Haul Road Construction / Timeframe
  1. The Regional Forester will designate all locations for water bars, the culvert pipe, 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 24" X30' black plastic culvert pipe. The pipe must be installed with a backhoe and be covered with a minimum of 15" of AASHTO # 3 stone. Stone head walls must be set on each end of the pipe. The pipe must have side ditches for the drainage of water to the pipe and a tailrace for drainage out of the pipe.
  3. All road improvements must be allowed to settle for 30 days prior to any usage. During that time, 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 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. All equipment will be cleaned of soil and debris before being moved onto site to prevent spread of invasive species.
7. The road will be inspected and approved by the Regional Forester prior to any usage by the timber operator.

#### **5) LANDINGS**

- a) Three locations have been designated as the log landings for this harvest. The landings are located in blocks 1, 3, and 5. The contractor will be required to build a log landing at each location. The log landings will require the excavation of stumps and rocks as well as the grading and leveling of the site. The contractor will be permitted to load trucks on the haul road providing there is a clear path for other Game Land users to safely utilize the road.
- b) Total size of each landing will be less than ½ acre in size.
- c) Upon completion of the harvest operation, each landing must be cleared of all logging debris/slash and then graded, limed, fertilized, seeded, and mulched.

#### **6) SKIDDING**

- a) No skidding outside of the designated sale area.
- b) The reserve block may need to be crossed to skid from Block 4 to the landing in Block 1. The reserve block may only be crossed in one location and the location must be approved by the Regional Forester or his designee.
- c) Skidding is not permitted through reserve sale areas or islands (except when noted above). This includes the reserve islands scattered through Blocks 4 and 5.
- 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 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	1.5 acres
Skid Trails	1.0 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) There are several trees near the gate that need to be felled and removed. The stumps must also be removed. These trees are marked with yellow paint.
- d) PGC gates **must** be closed. Repeated failure to close gates will be penalized.
- e) All equipment will be cleaned of soil and debris before being moved onto site to prevent spread of invasive species.
- f) Vehicle traffic on the PGC access road shall not exceed 25 MPH.
- g) The selling of firewood to the general public will not be permitted. The sale of firewood to a commercial firewood contractor is permitted.
- h) Payment for block 5 of the sale is required at the time of execution of the timber contract. Failure to provide this payment will void the timber contract.
- i) The timber sale contractor will be required to make all necessary PA-1 call notifications.
- j) **This timber contract will expire on May 30, 2026.**



**k) Final payment is due no later than 120 days before the expiration of the agreement.**

l) 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](http://www.pda.state.pa.us/spottedlanternfly).

# Report For White Horse

<b>Sale Name:</b>	White Horse	<b>SGL Number:</b>	80
<b>Forester:</b>	Harley Arnold	<b>Report Date:</b>	12/18/2023
<b>Blocks Numbers in Sale:</b>	1,2,3,4,5	<b>Acres:</b>	201.7
<b>County:</b>	,Schuylkill,	<b>Township:</b>	,Washington,

## The Pennsylvania Game Commission SGL #80 - White Horse 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	52	26%	Clearcut with Reserves	BAF 10 Plot	63,881	1,228	18%	BAF 10 Plot	2,360	45	35%	22,306	4,044	331
2	60	30%	Clearcut with Reserves	BAF 10 Plot	158,894	2,636	45%	BAF 10 Plot	2,077	34	30%	34,543	2,648	1,589
3	50	25%	Group Selection	BAF 10 Plot	41,013	821	12%	BAF 10 Plot	1,539	31	23%	28,974	3,070	116
4	25	13%	Clearcut with Reserves	BAF 10 Plot	64,779	2,552	19%	BAF 10 Plot	757	30	11%	5,132	1,299	278
5	14	7%	Clearcut with Reserves	BAF 10 Plot	21,431	1,521	6%	BAF 10 Plot	90	6	1%	161	123	36
Total	202	100%			349,999		100%		6,824	33.8	100%	91,117	11,184	2,349

**Pulpwood was sampled in block(s) 1, 2, 3, 4, 5 with a precision of +/- 7.1% (90% C.I.)**

**Sawtimber was sampled in block(s) 1, 2, 3, 4, 5 with a precision of +/- 12.1% (90% C.I.)**

# The Pennsylvania Game Commission

## SGL #80 - White Horse Timbersale

### Scribner Rule (BDFE) - All Volumes are Estimates

Block All - 202 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood			
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons		
Chestnut Oak	908	37,340	766	50,765	233	24,509	101	14,465	28	5,420	22	4,532	4	1,124	0	0	0	0	0	0	0	0	2,062	138,154	67	8,384	2,756
N. Red Oak	190	9,125	489	38,470	236	28,861	160	24,140	82	17,522	57	13,701	14	3,913	0	0	0	0	0	0	0	0	1,229	135,732	110	1,637	453
Scarlet Oak	114	4,642	208	14,461	161	14,066	42	5,967	7	1,940	6	1,171	0	0	0	0	0	0	0	0	0	0	538	42,248	79	1,017	368
Black Oak	19	620	70	4,108	32	4,071	9	716	7	719	6	1,665	0	0	0	0	0	0	0	0	0	0	142	11,898	84	38	15
Sweet Birch	19	983	28	2,163	65	5,977	0	0	0	0	6	1,711	0	0	0	0	0	0	0	0	0	0	117	10,834	93	1,359	304
Red Maple	19	1,010	14	702	11	1,166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	2,879	66	5,934	1,015
White Oak	18	917	0	0	0	0	0	0	0	0	0	0	0	4	1,254	0	0	0	0	0	0	22	2,171	99	46	20	
Sassafras	38	1,168	14	988	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	2,155	42	6,187	938
N. Red Oak - dead	0	0	0	0	0	0	9	2,043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	2,043	239	38	19
Black Gum	0	0	0	0	0	0	0	0	7	1,885	0	0	0	0	0	0	0	0	0	0	0	0	7	1,885	276	6,608	857
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	358	41
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	0	0	192	24
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	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	0	0	43	6
<b>Total</b>	<b>1,324</b>	<b>55,805</b>	<b>1,588</b>	<b>111,657</b>	<b>738</b>	<b>78,649</b>	<b>321</b>	<b>47,331</b>	<b>130</b>	<b>27,487</b>	<b>96</b>	<b>22,779</b>	<b>19</b>	<b>5,038</b>	<b>4</b>	<b>1,254</b>							<b>4,221</b>	<b>349,999</b>	<b>83</b>	<b>31,916</b>	<b>6,824</b>

## The Pennsylvania Game Commission SGL #80 - White Horse Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 1 - 52 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons	
Chestnut Oak	284	12,748	250	15,583	21	2,105	8	1,110	0	0	6	702	0	0	0	0	0	0	0	0	0	569	32,249	57	3,781	1,164
N. Red Oak	114	5,384	125	9,885	32	3,483	25	3,613	0	0	0	0	0	0	0	0	0	0	0	0	296	22,365	76	885	197	
Scarlet Oak	38	1,541	0	0	43	3,846	8	1,110	0	0	0	0	0	0	0	0	0	0	0	0	89	6,497	73	219	95	
Sweet Birch	0	0	14	1,074	11	708	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	1,782	73	27	9	
Sassafras	0	0	14	988	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	988	71	1,998	310	
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	19	
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	179	20	
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,788	380	
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	997	147	
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	11	
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	43	8	
<b>Total</b>	<b>435</b>	<b>19,673</b>	<b>403</b>	<b>27,530</b>	<b>106</b>	<b>10,143</b>	<b>42</b>	<b>5,833</b>			<b>6</b>	<b>702</b>									<b>992</b>	<b>63,881</b>	<b>64</b>	<b>10,973</b>	<b>2,360</b>	

## The Pennsylvania Game Commission SGL #80 - White Horse Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 2 - 60 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	58	2,731	211	15,839	130	15,660	60	9,335	48	10,112	57	13,701	14	3,913	0	0	0	0	0	0	578	71,291	123	187	71
Chestnut Oak	288	12,239	268	18,723	130	12,144	68	9,765	21	4,273	6	1,619	0	0	0	0	0	0	0	0	780	58,763	75	1,379	600
Scarlet Oak	58	2,171	28	1,685	97	7,336	17	2,252	0	0	0	0	0	0	0	0	0	0	0	0	200	13,444	67	301	129
Sweet Birch	0	0	14	1,089	54	5,269	0	0	0	0	6	1,711	0	0	0	0	0	0	0	0	74	8,068	109	1,118	257
Black Oak	0	0	14	1,060	0	0	9	716	0	0	6	1,665	0	0	0	0	0	0	0	0	28	3,441	121	0	0
N. Red Oak - dead	0	0	0	0	0	0	9	2,043	0	0	0	0	0	0	0	0	0	0	0	0	9	2,043	239	0	0
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1,254	0	0	0	0	4	1,254	307	0	0
Sassafras	19	591	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	591	31	2,143	326
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	104	15	
Red Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,958	523	
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,108	157	
<b>Total</b>	<b>422</b>	<b>17,732</b>	<b>536</b>	<b>38,396</b>	<b>410</b>	<b>40,409</b>	<b>162</b>	<b>24,110</b>	<b>69</b>	<b>14,385</b>	<b>74</b>	<b>18,695</b>	<b>14</b>	<b>3,913</b>	<b>4</b>	<b>1,254</b>					<b>1,692</b>	<b>158,894</b>	<b>94</b>	<b>9,298</b>	<b>2,077</b>

## The Pennsylvania Game Commission SGL #80 - White Horse Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 3 - 50 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons	
Chestnut Oak	299	11,181	151	10,657	11	1,059	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	461	22,896	50	2,558	699
Scarlet Oak	19	931	110	8,044	0	0	8	1,098	0	0	0	0	0	0	0	0	0	0	0	0	0	137	10,073	74	205	44
N. Red Oak	19	1,010	41	3,273	0	0	8	1,191	0	0	0	0	0	0	0	0	0	0	0	0	0	68	5,474	80	264	59
Red Maple	19	1,010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	1,010	54	1,011	154
Sweet Birch	19	983	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	983	53	19	10
Sassafras	19	577	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	577	31	1,916	267
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	6
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,398	284
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	0	150	16
<b>Total</b>	<b>393</b>	<b>15,691</b>	<b>303</b>	<b>21,973</b>	<b>11</b>	<b>1,059</b>	<b>17</b>	<b>2,290</b>													<b>723</b>	<b>41,013</b>	<b>57</b>	<b>8,595</b>	<b>1,539</b>	

## The Pennsylvania Game Commission SGL #80 - White Horse Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 4 - 25 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
N. Red Oak	0	0	98	8,082	75	9,718	59	8,858	27	5,424	0	0	0	0	0	0	0	0	0	0	0	259	32,082	124	274	116
Scarlet Oak	0	0	70	4,732	21	2,883	8	1,507	7	1,940	6	1,171	0	0	0	0	0	0	0	0	0	112	12,234	109	252	91
Black Oak	19	620	56	3,047	32	4,071	0	0	7	719	0	0	0	0	0	0	0	0	0	0	0	114	8,457	74	38	15
Chestnut Oak	19	603	70	3,237	21	2,150	8	1,115	7	1,146	0	0	0	0	0	0	0	0	0	0	0	126	8,252	66	529	220
Black Gum	0	0	0	0	0	0	0	0	7	1,885	0	0	0	0	0	0	0	0	0	0	0	7	1,885	276	314	37
Red Maple	0	0	14	702	11	1,166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	1,869	76	968	192
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	35
Sweet Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	195	28
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	10
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	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	0	43	6
<b>Total</b>	<b>38</b>	<b>1,222</b>	<b>307</b>	<b>19,802</b>	<b>160</b>	<b>19,989</b>	<b>76</b>	<b>11,481</b>	<b>55</b>	<b>11,115</b>	<b>6</b>	<b>1,171</b>									<b>642</b>	<b>64,779</b>	<b>101</b>	<b>2,847</b>	<b>757</b>	

## The Pennsylvania Game Commission SGL #80 - White Horse Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 5 - 14 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
Chestnut Oak	18	569	26	2,565	50	7,051	16	2,475	0	0	11	2,210	4	1,124	0	0	0	0	0	0	0	126	15,994	127	137	73
N. Red Oak	0	0	13	1,391	0	0	8	1,142	6	1,987	0	0	0	0	0	0	0	0	0	0	0	28	4,520	164	26	9
White Oak	18	917	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	917	51	0	0
Scarlet Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	8
<b>Total</b>	<b>36</b>	<b>1,486</b>	<b>40</b>	<b>3,956</b>	<b>50</b>	<b>7,051</b>	<b>24</b>	<b>3,617</b>	<b>6</b>	<b>1,987</b>	<b>11</b>	<b>2,210</b>	<b>4</b>	<b>1,124</b>							<b>171</b>	<b>21,431</b>	<b>125</b>	<b>203</b>	<b>90</b>	

## The Pennsylvania Game Commission SGL #80 - White Horse Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

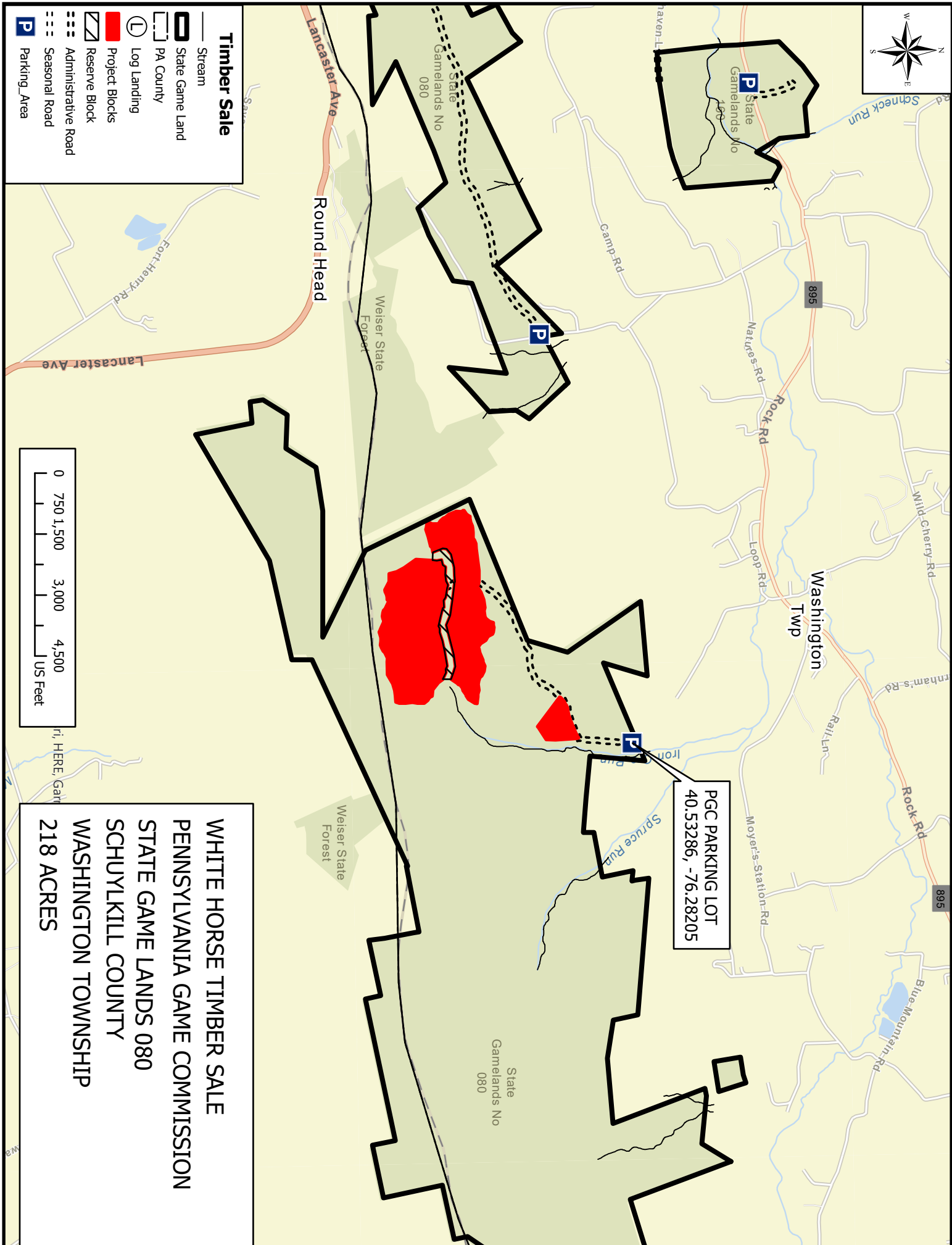
Block All - 202 acres - Pulp Tree Stand and Stock Table																						
Species	2" DBH		4" DBH		6" DBH		8" DBH		10" DBH		12" DBH		14" DBH		16" DBH		18" DBH		20"+ DBH		Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Tons
Chestnut Oak	0	0	0	0	1,587	137	2,799	574	2,370	878	1,836	1,077	139	118	11	12	0	0	0	0	8,741	2,797
Red Maple	0	0	0	0	4,109	487	1,581	343	276	104	153	91	0	0	0	0	0	0	7	14	6,126	1,039
Sassafras	0	0	0	0	3,111	342	1,999	271	766	179	227	92	84	54	0	0	0	0	0	0	6,187	938
Black Gum	0	0	0	0	4,457	489	1,572	213	464	108	114	46	0	0	0	0	0	0	0	0	6,608	857
N. Red Oak	0	0	0	0	454	42	467	89	436	154	304	174	14	12	0	0	0	0	0	0	1,675	472
Scarlet Oak	0	0	0	0	75	7	382	76	301	110	209	124	28	25	21	26	0	0	0	0	1,017	368
Sweet Birch	0	0	0	0	766	99	302	59	138	46	134	73	0	0	11	13	9	14	0	0	1,359	304
White Oak	0	0	0	0	0	0	0	0	27	10	19	11	0	0	0	0	0	0	0	0	46	20
Black Oak	0	0	0	0	0	0	0	0	0	0	38	15	0	0	0	0	0	0	0	0	38	15
White Pine	0	0	0	0	76	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	7
Hickories	0	0	0	0	0	0	43	6	0	0	0	0	0	0	0	0	0	0	0	0	43	6
Black Cherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>					14,635	1,610	9,144	1,632	4,778	1,589	3,034	1,703	266	210	43	51	9	14	7	14	31,916	6,824



**PGC TIMBER SALE**                      **White Horse**  
**STATE GAME LANDS NO. 080**  
**080-2023-01**

**TIMBER SALE COST ESTIMATE**

<b>NEW ROAD CONSTRUCTION -</b>	<b>0 FEET</b>	
Machine/Labor		0
Tons AASHTO #3		750
Tons AASHTO #4		0
Culvert Pipes		0
Seed		0
		<hr/>
		\$750.00
<b>EXISTING ROAD IMPROVEMENT -</b>	<b>7000 FEET</b>	
Machine/Labor		7500
Tons AASHTO #3		750
Tons AASHTO #4		0
Culvert Pipes		1000
Seed		0.00
		<hr/>
		\$9,250.00
<b>LANDINGS</b>		
Machine/Labor		4,200.00
Seed, Lime, Fertilizer		2,400.00
		<hr/>
		\$6,600.00
<b>SKID TRAILS</b>		
Machine/Labor		1,600.00
Seed		300.00
		<hr/>
		\$1,900.00
<b>ROAD RETIREMENT</b>		
Machine/Labor		5,000.00
Tons AASHTO #3		7,500.00
Tons AASHTO #4		0.00
Seed		0.00
		<hr/>
		\$12,500.00
<b>MISC. COSTS</b>		
Total		\$0.00
<b>TOTAL COST ESTIMATE</b>		<b>\$31,000.00</b>



**Timber Sale**

- Stream
- State Game Land
- PA County
- Log Landing
- Project Blocks
- Reserve Block
- Administrative Road
- Seasonal Road
- Parking Area



**WHITE HORSE TIMBER SALE**  
**PENNSYLVANIA GAME COMMISSION**  
**STATE GAME LANDS 080**  
**SCHUYLKILL COUNTY**  
**WASHINGTON TOWNSHIP**  
**218 ACRES**

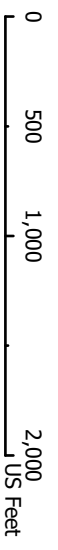
- Block 1 - 52 acres - Clearcut with Reserves
- Block 2 - 55 acres - Clearcut with Reserves
- Block 3 - 51 acres - Group Selection
- Block 4 - 30 acres - Clearcut with Reserves
- Block 5 - 14 acres - Clearcut with Reserves
- Reserve Block - 16 acres

Total - 218 acres



**Timber Sale**

- Parking Area
- State Game Land
- Log Landing
- PGC Roadway
- Project Block
- Reserve Block



WHITE HORSE TIMBER SALE  
 080-2023-01  
 PENNSYLVANIA GAME COMMISSION  
 STATE GAME LANDS 80  
 SCHUYLKILL COUNTY  
 WASHINGTON TOWNSHIP

