

STATE GAME LANDS #: 156

SALE: 156-2022-01

NAME: First of Many

PENNSYLVANIA GAME COMMISSION

2001 ELMERTON AVENUE

HARRISBURG, PA 17110-9797

ATTN: FORESTRY DIVISION, BUREAU OF WILDLIFE HABITAT MANAGEMENT

Gentlemen:

In answer to a recent advertisement for lump sum bids on an estimated 1,230,308 board feet of sawlogs and 2,813 tons of pulpwood located on 190 acres of State Game Lands No. 156, Penn Township, Lancaster County, I offer the following:

\$ \_\_\_\_\_  
(BID QUOTATION MUST BE TYPEWRITTEN OR IN INK)

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

It is further understood that an acceptable bond of **\$10,000.00** will be provided to guarantee faithful performance of the agreement.

Removal of timber to be subject to the terms, conditions and stipulations included in the Timber Sale Agreement. It is understood that the contract will run until **June 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 #156**. 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 5, 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 #: 156  
SALE #: 156-2022-01  
NAME: First of Many

**- INSTRUCTIONS TO BIDDERS -**

The following information covers details concerning the proposed lump sum sale of an estimated 1,230,308 board feet of sawlogs and 2,813 tons of pulpwood to be cut from 190 acres of State Game Lands No. 156, Penn Township, Lancaster County.

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

**- SHOW DATE -**

Timber will be shown to prospective bidders on **May 18, 2023**. Viewers will be met at the parking area on the hard turn along Tower Road (40.24343, -76.3588) at 9:00 a.m., and conducted to the sale area.

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

**- BIDS -**

**BIDS SHOULD BE MAILED IN PLENTY OF TIME PRIOR TO BID OPENING TO PERMIT U.S. POSTAL SERVICE DELIVERY. USE SPECIAL MAIL SERVICE IF MAILED LATER THAN FOUR DAYS PRIOR TO BID OPENING. SPECIAL DELIVERY BIDS SHOULD BE ADDRESSED TO: PENNSYLVANIA GAME COMMISSION, FORESTRY DIVISION, 2001 ELMERTON AVENUE, HARRISBURG, PA 17110-9797.**

Bids must be submitted in an envelope that clearly states on the outside: **BID PROPOSAL FOR TIMBER. SGL #156**. Bids received in envelopes not containing this information will be rejected.

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

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

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

Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, Pennsylvania 17110-9797, at 2:00 P.M., **Monday, June 5, 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 **\$10,000.00** will be required in the form of a Certified Check or a Postal Money Order drawn to the order of the Pennsylvania Game Commission. Negotiable securities, including assignment of a bank savings account may be furnished in lieu of above. A bond with corporate surety approved by the Attorney General, or a bank Irrevocable Letter of Credit, may be posted provided the bond has an expiration date a minimum of 1 year beyond the expiration date of the timber contract.

**- EXPIRATION OF CONTRACT -**

Contract will expire **June 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 – 31% - 36 acres
- 2 – 28% - 34 acres
- 3 – 15% - 24 acres
- 4 – 9% - 59 acres
- 5 – 16% - 37 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 "FIRST OF MANY" TIMBER SALE**

### **STATE GAME LANDS # 156**

#### **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) Blocks 1 and 2 will be treated with herbicide in June 2023. These blocks may not be harvested until after August 1, 2023.
- d) Approximately 700 feet of road must be constructed to access blocks 4 and 5.
- e) All top wood 3" in diameter and smaller from all sawtimber trees is reserved and cannot be removed from the site. The tops need to be scattered across the harvest site.
- f) The Regional Forester or his designee will closely monitor harvest and skidder damage to residual trees. If damage becomes excessive additional restrictions will be placed on the harvest. Total disregard to the residual trees and failure to take corrective actions will result in payment of damages and/or termination of the timber contract.
- g) If site conditions in the woods (for felling, skidding, or trucking) or the use of the haul road become too wet, muddy or ice covered and could or will cause damage to the property, all phases of the job will be suspended until working conditions are favorable. The Regional Forester will make the final decision in this matter.

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

- a) All sale activity (Felling, Skidding & Trucking) is restricted to the defined sale area. Sale area boundary is defined by blue paint. There is a short section of skid trail outside the sale area that connects Block 3 to the log landing. The approximate centerline of the skid trail is marked with orange paint. This skid trail must remain in the forest, it cannot enter or cross the adjacent field.
- b) No skidding is permitted on the haul road. The road bisecting Block 1 may only be skidded across at one location. The Regional Forester or his designee will approve the crossing location.
- c) Trees cannot be felled into the fields within Blocks 1 and 2.
- d) The roads accessing the fields in Blocks 1 and 2 must remain open and passable. All trees and brush felled onto the roads must be removed.
- e) In blocks 1, 2, 3, and 5: 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.
- f) In Block 4: All trees marked with yellow paint must be cut through and placed on the ground. All blue painted trees and unpainted trees must be left standing and not damaged.
- g) All stumps must be less than 12" in height when measured from the ground.

- h) The operator is required to follow a designated skid trail in Block 4. This designated skid trail will provide access to all the harvest groups within the block. It will require water bars and seeding upon completion.

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

- a) The PGC access road entrance is along Tower Road.

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

- a) The timber contractor must build approximately 700 feet of new haul road, improve approximately 3,750 feet of existing haul road, and grade approximately 11,400 feet of existing haul road. The road must have a 12-foot running surface along with a crown and side ditches. Water bars, intercept dips, and water turnouts will be used for draining surface water. Stone will be required on portions of the road. All stone locations will have the material tailgate spread. The Regional forester will designate specific locations for stone, intercept dips, water turnouts, and water bars. The side ditches and all disturbed areas must be seeded immediately following construction of the new 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 stone for this harvest
  - 1. Stone is for all designated locations on the haul road.
  - 2. Minimum of 450 tons of AASHTO # 3 stone for the following locations: new haul road - 100 tons, haul road retirement – 350 tons.
  - 3. Minimum of 100 tons of AASHTO # 1 stone for the following location: new haul road
  - 4. 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 new road construction 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 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 construction/improvement of the haul road and landing.
- 5. The road construction must be completed by October 10, 2025.
  - 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 or near blocks 1, 3, and 4. 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 the short skid trail between Block 3 and the landing. The approximate center line of the skid trail is marked with orange paint.
- b) The operator is required to follow a designated skid trail in Block 4. The designated skid trail will provide access to all the harvest groups within each block. It will require water bars and seeding upon completion.
- c) Skidding of material onto the landing in Block 1 will require the crossing of an access road. Damage to the road surface will be repaired immediately following the completion of the harvest in the block. Only one crossing site will be allowed and it must be approved by the regional forester or his designee.
- d) Skidding is not permitted through reserve sale areas or islands.
- e) All material to be removed from all sale blocks must be skidded to the landings.
- f) If a skid trail will be sitting idle for one month or more, they must have open and functional water bars.
- g) All skid trails will require the grading of wheel ruts, the installation of water bars and seeding at the conclusion of the harvest operation.

## **7) SEEDING OF ROADWAYS AND LANDINGS**

- a) The entire haul road 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 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 acres are expected to be seeded at the conclusion of the harvest. The breakdown is as follows:

Log landings	1.5 acres
Skid Trails	0.5 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-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 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) 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 3 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 June 30, 2026.**
- 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](http://www.pda.state.pa.us/spottedlanternfly).

Report For First of Many

Sale Name:	First of Many	SGL Number:	156
Forester:	Harley Arnold	Report Date:	04/13/2023
Blocks Numbers in Sale:	1,2,3,4,5	Acres:	190.5
County:	Lancaster	Township:	

The Pennsylvania Game Commission  
SGL #156 - First of Many Timbersale  
Scribner Rule (BDFT) - All Volumes are Estimates

Sale Summary by Harvest Block												
Area		Harvest Type	Sawtimber				Pulpwood				Culls	
Block Number	Acres % of Sale		Method	BDFT	Per Acre	% of Sale	Method	Tons	Per Acre	% of Sale	2 - 4"	6 - 10" 12 +"
1	36 19%	Shelterwood	BAF 10 Plot	381,331	10,651	31%	BAF 10 Plot	501	14	18%	7,781	479 199
2	34 18%	Shelterwood	BAF 10 Plot	349,208	10,158	28%	BAF 10 Plot	333	10	12%	844	429 274
3	24 13%	Thinning	BAF 10 Plot	188,312	7,795	15%	BAF 10 Plot	427	18	15%	6,367	89 192
4	59 31%	Group Selection	100% Tally	112,497	1,902	9%	100% Tally	520	9	18%	1,050	138 195
5	37 19%	Clearcut with Reserves	BAF 10 Plot	198,959	5,370	16%	BAF 10 Plot	1,032	28	37%	13,444	539 238
Total	191 100%			1,230,308		100%		2,813	14.8	100%	29,486	1,673 1,098

Pulpwood was sampled in block(s) 1, 2, 3, 5 with a precision of +/- 13.4% (90% C.I.)

Sawtimber was sampled in block(s) 1, 2, 3, 5 with a precision of +/- 9.9% (90% C.I.)

The Pennsylvania Game Commission  
SGL #156 - First of Many Timbersale  
Scribner Rule (BDFI) - All Volumes are Estimates

Block All - 191 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Yellow-poplar	244	11,465	495	44,809	673	108,495	601	132,945	515	152,939	321	121,306	231	104,640	141	83,738	100	62,513	202	177,958	3,524	1,000,808	284	1,455	645
Chestnut Oak	133	5,097	243	18,956	251	34,571	135	23,605	66	14,460	12	3,815	6	2,664	0	0	0	0	0	0	844	103,167	122	463	185
Sweet Birch	182	7,115	344	25,362	168	19,208	64	9,875	31	7,067	1	300	0	0	0	0	0	0	0	0	790	68,927	87	3,320	833
Red Maple	74	3,274	77	4,759	50	6,296	29	3,944	12	2,376	11	3,557	1	272	0	0	0	0	0	0	254	24,479	96	2,060	475
Black Gum	0	0	0	0	51	5,176	23	4,169	14	3,635	9	1,508	0	0	0	0	0	0	0	0	98	14,488	148	1,968	446
N. Red Oak	18	649	2	159	0	0	6	1,249	3	863	0	0	1	470	3	1,887	0	0	0	0	33	5,275	160	173	38
Scarlet Oak	3	113	15	779	11	886	12	1,539	1	284	1	354	1	514	0	0	0	0	0	0	43	4,468	103	121	42
White Pine	0	0	13	892	3	353	0	0	1	276	1	344	0	0	0	0	0	0	0	0	18	1,865	106	30	10
Sweet Birch - dead	0	0	0	0	0	0	7	1,630	0	0	0	0	0	0	0	0	0	0	0	0	7	1,630	233	35	6
Sugar Maple	0	0	0	0	9	1,508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1,508	171	0	0
Aspen	0	0	0	0	0	0	0	0	6	1,253	0	0	0	0	0	0	0	0	0	0	6	1,253	222	46	12
Black Oak	1	33	0	0	0	0	1	183	1	234	0	0	4	590	0	0	0	0	0	0	7	1,041	152	16	6
American Beech	0	0	0	0	9	1,015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1,015	115	72	10
Chestnut Oak - dead	0	0	0	0	1	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	166	166	2	0
Black Cherry	1	34	0	0	1	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	143	72	106	22
White Oak	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
Sassafras - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	329	47
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	15
Pin Cherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	7
Other Non-comm.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	7
Black Locust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	5
White Pine - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Dogwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Total	655	27,779	1,189	95,791	1,227	177,782	878	179,139	650	183,387	357	131,184	244	109,130	145	85,625	100	62,513	202	177,958	5,646	1,230,308	218	10,440	2,813

The Pennsylvania Game Commission  
SGL #156 - First of Many Timbersale  
Scribner Rule (BDFI) - All Volumes are Estimates

Block 1 - 36 acres																										
	10"-12" DBH	14" DBH	16" DBH	18" DBH	20" DBH	22" DBH	24" DBH	26" DBH	28" DBH	30"+ DBH	Sawtimber Totals			Pulpwood												
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons									
Yellow-poplar	189	9,083	243	23,910	256	41,825	217	48,727	158	44,828	103	35,717	59	28,104	50	31,193	40	25,095	90	85,648	1,405	374,130	266	808	370	
Sugar Maple	0	0	0	9	1,508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1,508	171	0	0	
Sweet Birch	16	527	12	892	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	1,419	52	271	48	
Aspen	0	0	0	0	0	0	0	6	1,253	0	0	0	0	0	0	0	0	0	0	0	6	1,253	222	45	11	
American Beech	0	0	0	9	1,015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1,015	115	63	8	
White Pine	0	0	12	821	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	821	71	0	0	
Red Maple	0	0	0	0	0	7	619	0	0	0	0	0	0	0	0	0	0	0	0	0	7	619	89	161	23	
Black Gum	0	0	0	0	0	0	0	0	0	5	567	0	0	0	0	0	0	0	0	0	5	567	121	16	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	0	86	17	
Pin Cherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	7	
Other Non-comm.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	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	23	5	
Total	204	9,610	266	25,622	274	44,348	224	49,346	164	46,081	108	36,284	59	28,104	50	31,193	40	25,095	90	85,648	1,479	381,331	258	1,598	501	

The Pennsylvania Game Commission  
SGL #156 - First of Many Timbersale  
Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 34 acres																									
	10"-12" DBH	14" DBH	16" DBH	18" DBH	20" DBH	22" DBH	24" DBH	26" DBH	28" DBH	30"+ DBH	Sawtimber Totals			Pulpwood											
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons						
Yellow-poplar	31	1,237	218	17,547	299	47,164	285	62,142	214	64,415	135	53,374	98	41,590	23	12,540	26	16,500	35	26,279	1,364	342,787	251	421	202
Sweet Birch	0	0	0	9	585	21	2,908	6	1,356	0	0	0	0	0	0	0	0	0	0	35	4,849	137	23	8	
Red Maple	0	0	11	578	0	0	7	995	0	0	0	0	0	0	0	0	0	0	0	18	1,573	85	616	118	
Black Locust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	5	
Total	31	1,237	230	18,124	308	47,749	313	66,045	219	65,771	135	53,374	98	41,590	23	12,540	26	16,500	35	26,279	1,418	349,208	246	1,095	333

The Pennsylvania Game Commission  
SGL #156 - First of Many Timbersale  
Scribner Rule (BDFT) - All Volumes are Estimates

Block 3 - 24 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	0	0	0	0	17	3,021	21	4,291	78	23,899	55	20,974	42	19,344	52	29,674	20	12,014	68	57,877	353	171,096	485	0	0
Sweet Birch	62	2,354	113	9,018	9	919	14	2,577	0	0	0	0	0	0	0	0	0	0	0	0	197	14,867	76	1,206	350
Red Maple	0	0	0	0	0	0	0	0	0	5	1,758	0	0	0	0	0	0	0	0	0	5	1,758	384	123	15
Black Oak	0	0	0	0	0	0	0	0	0	0	0	4	590	0	0	0	0	0	0	4	590	154	15	6	
Sweet Birch - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	6
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	38	17
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	85	16
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	10
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	8
Total	62	2,354	113	9,018	26	3,940	34	6,868	78	23,899	59	22,733	46	19,934	52	29,674	20	12,014	68	57,877	558	188,312	337	1,580	427

The Pennsylvania Game Commission  
SGL #156 - First of Many Timbersale  
Scribner Rule (BDFI) - All Volumes are Estimates

Block 4 - 59 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	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons								
Chestnut Oak	54	2,321	127	10,320	118	15,946	86	15,582	26	6,509	12	3,815	6	2,664	0	0	429	57,157	133	127	67				
Yellow-poplar	8	385	23	2,261	30	4,871	16	3,389	9	2,608	10	3,431	5	1,742	2	1,105	2	945	1	1,248	106	21,985	207	51	17
Sweet Birch	26	1,002	81	5,722	44	5,177	9	1,496	3	648	1	300	0	0	0	0	0	0	0	0	164	14,345	87	532	160
Red Maple	11	496	31	2,102	15	1,544	8	1,330	6	1,347	2	360	1	272	0	0	0	0	0	0	74	7,451	101	324	111
Black Gum	0	0	0	0	16	1,747	9	1,458	3	822	0	0	0	0	0	0	0	0	0	0	28	4,027	144	543	138
N. Red Oak	2	108	2	159	0	0	6	1,249	3	863	0	0	1	470	0	0	0	0	0	0	14	2,847	203	7	2
Scarlet Oak	3	113	3	244	2	328	5	969	1	284	1	354	1	514	0	0	0	0	0	0	16	2,805	175	2	1
White Pine	0	0	1	71	3	353	0	0	1	276	1	344	0	0	0	0	0	0	0	0	6	1,044	174	30	10
Black Oak	1	33	0	0	0	0	1	183	1	234	0	0	0	0	0	0	0	0	0	0	3	450	150	1	0
Chestnut Oak - dead	0	0	0	0	1	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	166	166	2	0
Black Cherry	1	34	0	0	1	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	143	72	20	6
White Oak	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
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	3
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	2
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
White Pine - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Dogwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Sassafras - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Total	106	4,491	269	20,954	230	30,242	140	25,656	53	13,591	27	8,604	14	5,661	2	1,105	2	945	1	1,248	844	112,497	133	1,663	520

The Pennsylvania Game Commission  
SGL #156 - First of Many Timbersale  
Scribner Rule (BDFI) - All Volumes are Estimates

Block 5 - 37 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		Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons		
Yellow-poplar	16	760		12	1,092		71	11,613		63	14,395		57	17,188		19	7,810		28	13,861		13	9,225		12	7,959		8	6,906	296	90,809	307	175	57
Chestnut Oak	79	2,776		116	8,636		133	18,625		49	8,022		40	7,951		0	0		0	0		0	0		0	0		0	0	415	46,010	111	299	100
Sweet Birch	79	3,232		139	9,730		106	12,527		21	2,895		23	5,063		0	0		0	0		0	0		0	0		0	0	367	33,448	91	1,289	268
Red Maple	63	2,778		35	2,079		35	4,752		7	1,001		6	1,029		5	1,439		0	0		0	0		0	0		0	0	150	13,078	87	836	208
Black Gum	0	0		0	0		35	3,429		14	2,710		11	2,813		5	941		0	0		0	0		0	0		0	0	65	9,894	151	1,325	286
N. Red Oak	16	541		0	0		0	0		0	0		0	0		0	0		0	0		3	1,887		0	0		0	0	19	2,428	127	144	29
Scarlet Oak	0	0		12	536		9	557		7	570		0	0		0	0		0	0		0	0		0	0		0	0	27	1,663	61	119	41
Sweet Birch - dead	0	0		0	0		0	0		7	1,630		0	0		0	0		0	0		0	0		0	0		0	0	7	1,630	233	0	0
Sassafras	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0	0	0	318	44	
Total	252	10,087		312	22,073		389	51,503		168	31,224		136	34,045		28	10,190		28	13,861		17	11,112		12	7,959		8	6,906	1,348	198,959	148	4,504	1,032



The Pennsylvania Game Commission  
SGL #156 - First of Many Timbersale  
Scribner Rule (BDFI) - All Volumes are Estimates

Block All - 191 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	Total Trees	Total Tons								
Sweet Birch	0	0	0	0	1,275	165	969	189	651	218	412	225	45	38	1	2	3	0	0	3,355	839	
Yellow-poplar	0	0	0	0	331	17	189	44	553	260	308	234	58	63	9	13	7	13	0	0	1,455	645
Red Maple	0	0	0	0	1,085	129	443	96	350	132	160	95	11	10	8	10	2	3	0	0	2,060	475
Black Gum	0	0	0	0	649	71	496	67	348	81	341	138	128	83	5	5	0	0	0	0	1,968	446
Chestnut Oak	0	0	0	0	67	6	88	18	158	59	123	72	21	17	4	5	3	5	2	4	465	185
Sassafras	0	0	0	0	129	14	178	24	6	1	16	6	2	1	0	0	0	0	0	0	330	47
Scarlet Oak	0	0	0	0	0	0	36	7	69	25	16	9	0	0	0	0	0	0	0	0	121	42
N. Red Oak	0	0	0	0	64	6	38	7	69	25	1	1	0	0	0	0	0	0	0	0	173	38
Black Cherry	0	0	0	0	69	7	9	2	25	11	3	2	0	0	0	0	0	0	0	0	106	22
Hickories	0	0	0	0	0	0	35	5	45	10	0	0	0	0	0	0	0	0	0	0	79	15
Aspen	0	0	0	0	0	0	0	0	45	11	0	0	1	1	0	0	0	0	0	0	46	12
White Pine	0	0	0	0	3	0	13	3	7	2	4	2	3	2	1	1	0	0	0	0	31	11
American Beech	0	0	0	0	68	9	3	1	1	0	0	0	0	0	0	0	0	0	0	0	72	10
Pin Cherry	0	0	0	0	63	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	7
Other Non-comm.	0	0	0	0	63	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	7
Black Oak	0	0	0	0	0	0	1	0	0	0	15	6	0	0	0	0	0	0	0	0	16	6
Black Locust	0	0	0	0	0	0	35	5	0	0	0	0	0	0	0	0	0	0	0	0	35	5
Dogwood	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Eastern Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paulownia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ironwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Ash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atlantus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total					3,866	439	2,534	469	2,327	836	1,400	791	269	216	28	35	14	24	2	4	10,440	2,813

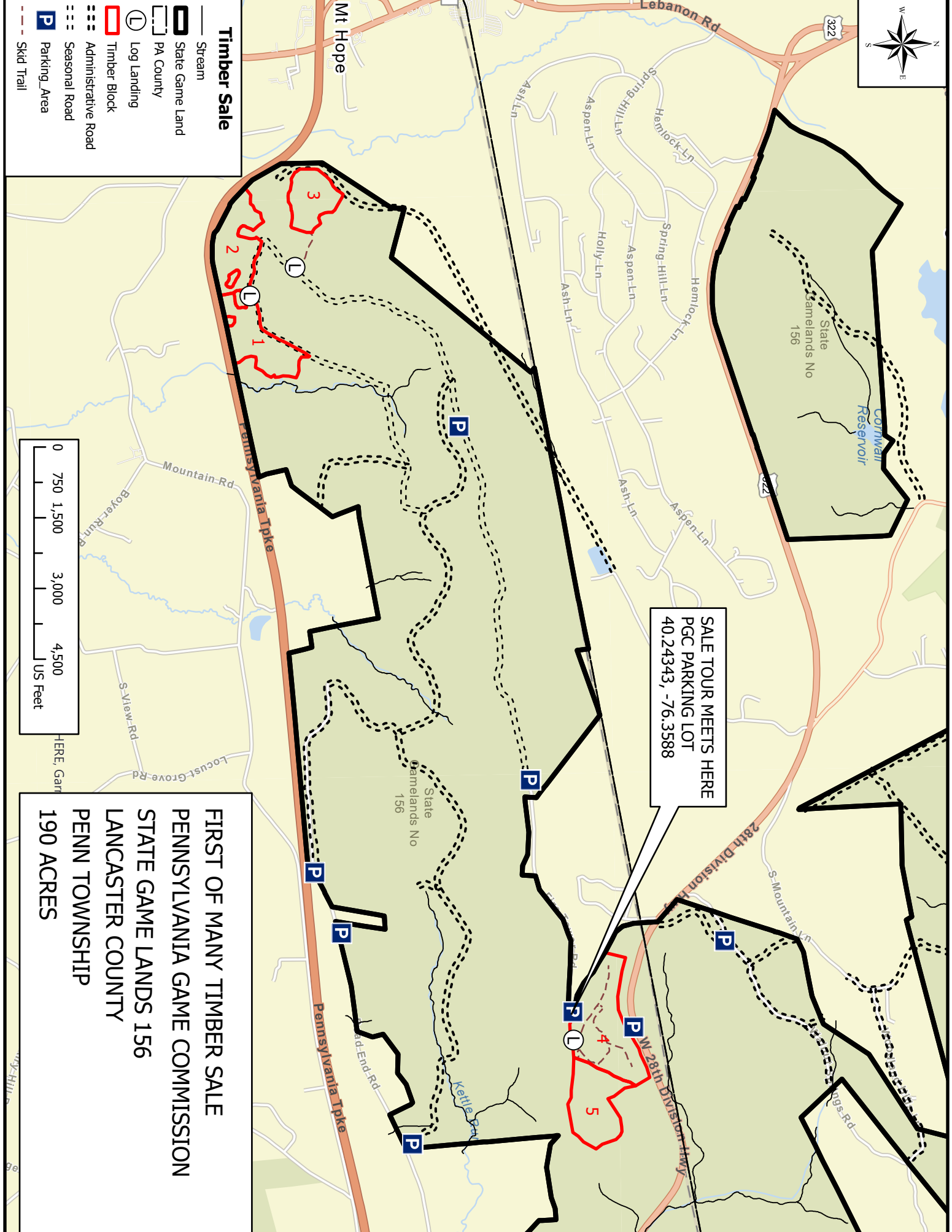
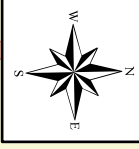
The Pennsylvania Game Commission  
SGL #156 - First of Many Timbersale  
Scribner Rule (BDFI) - All Volumes are Estimates

Block All - 191 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	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons							
Yellow-poplar	3,322	822,850	85	64,516.61	55,702	31	29,741	11	12,388	6	6,042	7	9,568	0	3,524	1,000,808	284	1,455	645			
Chestnut Oak	844	103,167	0	0	0	0	0	0	0	0	0	0	0	0	844	103,167	122	463	185			
Sweet Birch	790	68,927	0	0	0	0	0	0	0	0	0	0	0	0	790	68,927	87	3,320	833			
Red Maple	254	24,479	0	0	0	0	0	0	0	0	0	0	0	0	254	24,479	96	2,060	475			
Black Gum	98	14,488	0	0	0	0	0	0	0	0	0	0	0	0	98	14,488	148	1,968	446			
N. Red Oak	33	5,275	0	0	0	0	0	0	0	0	0	0	0	0	33	5,275	160	173	38			
Scarlet Oak	43	4,468	0	0	0	0	0	0	0	0	0	0	0	0	43	4,468	103	121	42			
White Pine	18	1,865	0	0	0	0	0	0	0	0	0	0	0	0	18	1,865	106	30	10			
Sweet Birch - dead	7	1,630	0	0	0	0	0	0	0	0	0	0	0	0	7	1,630	233	35	6			
Sugar Maple	9	1,508	0	0	0	0	0	0	0	0	0	0	0	0	9	1,508	171	0	0			
Aspen	6	1,253	0	0	0	0	0	0	0	0	0	0	0	0	6	1,253	222	46	12			
Black Oak	7	1,041	0	0	0	0	0	0	0	0	0	0	0	0	7	1,041	152	16	6			
American Beech	9	1,015	0	0	0	0	0	0	0	0	0	0	0	0	9	1,015	115	72	10			
Chestnut Oak - dead	1	166	0	0	0	0	0	0	0	0	0	0	0	0	1	166	166	2	0			
Black Cherry	2	143	0	0	0	0	0	0	0	0	0	0	0	0	2	143	72	106	22			
White Oak	1	75	0	0	0	0	0	0	0	0	0	0	0	0	1	75	75	0	0			
Black Locust - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Black Cherry - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Ailanthus	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			
Sassafras - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0			
Black Gum - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Black Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
White Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
White Ash - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Total	5,445	1,052,350	85	64,516.61	55,702	31	29,741	11	12,388	6	6,042	7	9,568		5,646	1,230,308	2,311	9,868	2,731			

**PGC TIMBER SALE**                      **First of Many**  
**STATE GAME LANDS NO. 156**  
**156-2022-01**

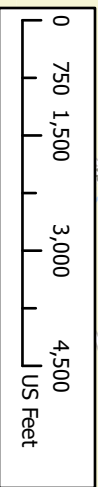
**TIMBER SALE COST ESTIMATE**

<b>NEW ROAD CONSTRUCTION -</b>	<b>700 FEET</b>	
Machine/Labor		2500
Tons AASHTO #3		1800
Tons AASHTO #4		1800
Culvert Pipes		0
Seed		0
		<hr/>
		\$6,100.00
<b>EXISTING ROAD IMPROVEMENT -</b>	<b>3750 FEET</b>	
Machine/Labor		0
Tons AASHTO #3		0
Tons AASHTO #4		0
Culvert Pipes		0
Seed		0.00
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		\$0.00
<b>LANDINGS</b>		
Machine/Labor		4,200.00
Seed, Lime, Fertilizer		2,400.00
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		\$6,600.00
<b>SKID TRAILS</b>		
Machine/Labor		800.00
Seed		150.00
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		\$950.00
<b>ROAD RETIREMENT</b>		
Machine/Labor		5,000.00
Tons AASHTO #3		6,300.00
Tons AASHTO #4		0.00
Seed		0.00
		<hr/>
		\$11,300.00
<b>MISC. COSTS</b>		
Total		\$0.00
<b>TOTAL COST ESTIMATE</b>		<b>\$24,950.00</b>



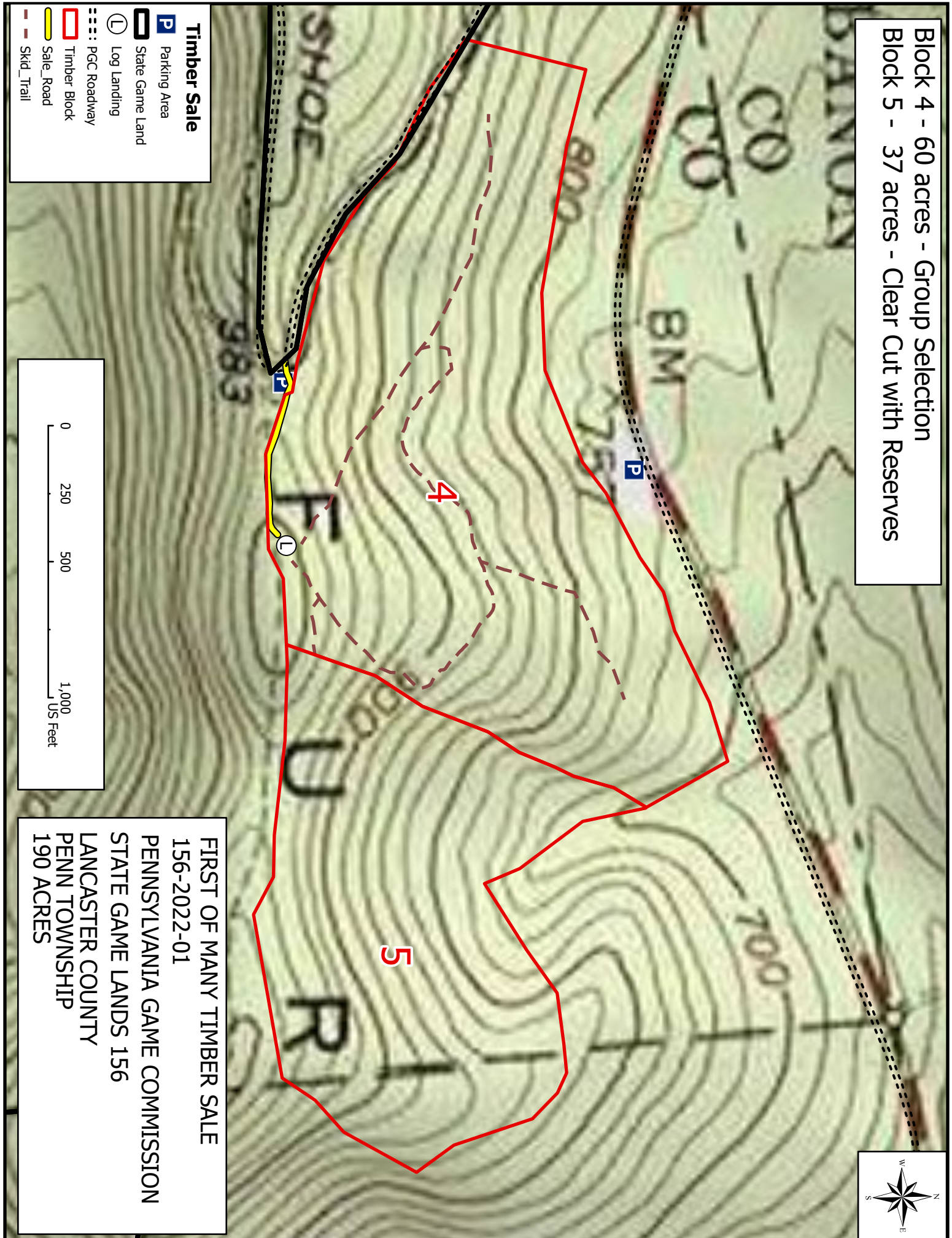
**Timber Sale**

- Stream
- State Game Land
- PA County
- Log Landing
- Timber Block
- Administrative Road
- Seasonal Road
- Parking Area
- Skid Trail



FIRST OF MANY TIMBER SALE  
PENNSYLVANIA GAME COMMISSION  
STATE GAME LANDS 156  
LANCASTER COUNTY  
PENN TOWNSHIP  
190 ACRES

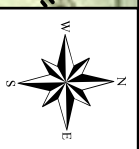
Block 4 - 60 acres - Group Selection  
Block 5 - 37 acres - Clear Cut with Reserves



FIRST OF MANY TIMBER SALE  
156-2022-01  
PENNSYLVANIA GAME COMMISSION  
STATE GAME LANDS 156  
LANCASTER COUNTY  
PENN TOWNSHIP  
190 ACRES

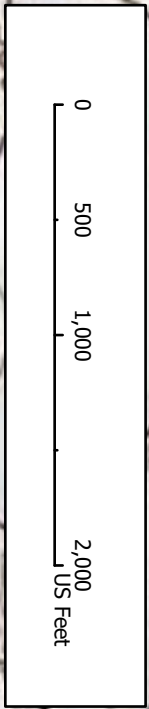


Block 1 - 36 acres - Shelterwood  
Block 2 - 34 acres - Shelterwood  
Block 3 - 24 acres - Thinning

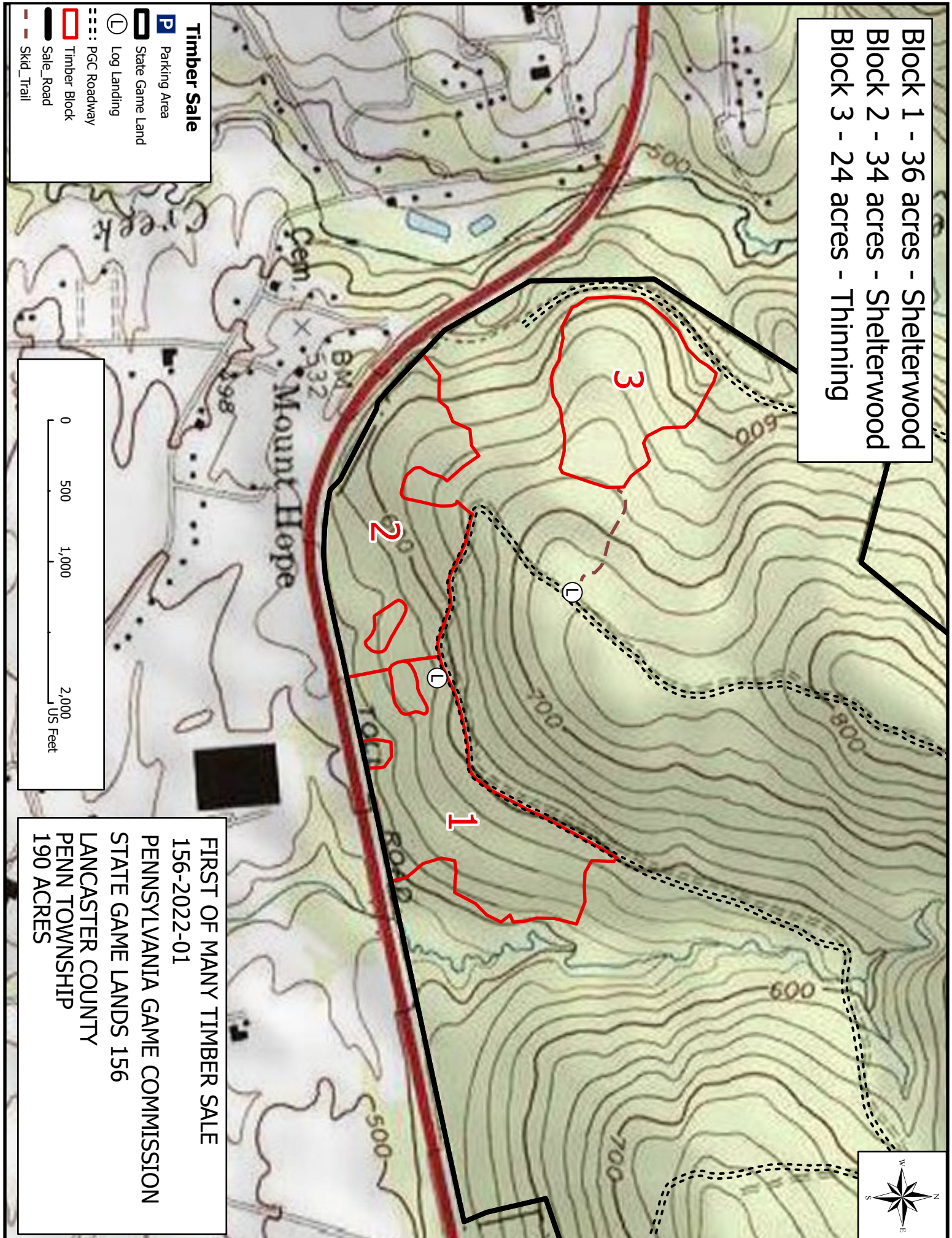


**Timber Sale**

- Parking Area
- State Game Land
- Log Landing
- PGC Roadway
- Timber Block
- Sale\_Road
- Skid\_Trail

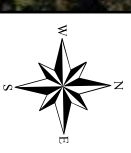


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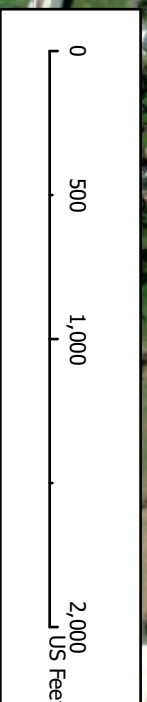




Block 1 - 36 acres - Shelterwood  
Block 2 - 34 acres - Shelterwood  
Block 3 - 24 acres - Thinning



- Timber Sale**
- Parking Area
  - State Game Land
  - Log Landing
  - PGC Roadway
  - Timber Block
  - Sale\_Road
  - Skid\_Trail



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