

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 **1,391,513 board feet of sawlogs and 8,524 tons of pulpwood** located on **539 acres** of State Game Lands No. 321, West Keating Township, Clinton 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 **\$25,000.00** 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 15, 2027**.

ATTACHED IS **CERTIFIED, CASHIER'S OR TREASURER'S CHECK OR MONEY ORDER, (PERSONAL, COMPANY, CORPORATE CHECK OR CASH ARE NOT ACCEPTED)**, IN THE AMOUNT OF **\$1,000.00** as evidence of good faith in bidding. I understand that it will be forfeited as fully liquidated damages upon my failure within 45 days after presentation to accept and execute the contract and provide a bond as required.

IN CASE OF PARTNERSHIP, EACH PARTNER SIGNS: IF A CORPORATION, THE AUTHORIZED OFFICER MUST SIGN, GIVING HIS/HER TITLE AND NAME OF CORPORATION.

Sincerely yours,

\_\_\_\_\_  
**(Tax No. or Social Security No.)**

\_\_\_\_\_  
**Signature of Bidder - Sign In Ink**

\_\_\_\_\_  
**(Telephone Number)**

\_\_\_\_\_  
**Print Name**

\_\_\_\_\_  
**Firm Name**

\_\_\_\_\_  
**Street Address (Name, Number, Etc.)**

\_\_\_\_\_  
**City State Zip**

BIDS MUST BE SUBMITTED IN AN ENVELOPE THAT CLEARLY STATES ON THE OUTSIDE: **BID PROPOSAL FOR TIMBER SGL #321**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, May 13, 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 #:321  
SALE: 321-2023-01  
NAME: Hickory Hill

**- INSTRUCTIONS TO BIDDERS -**

The following information covers details concerning the proposed lump sum sale of an estimated **1,391,513 board feet of sawlogs and 8,524 tons of pulpwood** located on **539 acres** of State Game Lands No. 321, West Keating Township, Clinton 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 19, 2024**. Viewers will be met at **4728 Quehanna Hwy, Karthaus, PA 16845** 10:00 a.m. and conducted to the sale area.

The timber to be sold will be clearly designated by **Gary Glick, 1566 S. RT 44 HWY, Jersey Shore, PA 17740**, telephone: 1-570-398-4744 ext. 30310, the Regional Forester.

**- BIDS -**

**BIDS SHOULD BE MAILED AT LEAST FOUR (4) WORKING DAYS PRIOR TO BID OPENING TO PERMIT U.S. POSTAL SERVICE DELIVERY. USE SPECIAL MAIL SERVICE IF MAILED LATER THAN FOUR DAYS PRIOR TO BID OPENING. SPECIAL DELIVERY BIDS SHOULD BE ADDRESSED TO: PENNSYLVANIA GAME COMMISSION, FORESTRY DIVISION, 2001 ELMERTON AVENUE, HARRISBURG, PA 17110-9797.**

Bids must be submitted in an envelope that clearly states on the outside: **BID PROPOSAL FOR TIMBER. SGL #321**. 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, May 13, 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 **\$25,000.00** 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 15, 2027.**

**- PAYMENTS -**

The sale is divided into **8** cutting blocks. Payment may be made by:

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

- 1 – 24% - 78 acres
- 2 – 27% - 76 acres
- 3 – 9% - 25 acres
- 4 – 4% - 52 acres
- 5 – 7% - 29 acres
- 6 – 9% - 95 acres
- 7 – 15% - 79 acres
- 8 – 4% - 44 acres

**Payment for Block 3 (9% of the bid price) is due at contract execution. Final payment is due No Later Than 120 days before the expiration of the Agreement**

**- 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 **7** Attached Sheet(s).

**SPECIAL PROVISIONS FOR THE “Hickory Hill TIMBER SALE”**

**S.G.L. # 321 T.S. # 321-2023-01**

**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) This 539-acre sale contains 8 harvest blocks.
- c) **Payment for Block 3 (9% of the bid price) is due at contract execution. Final payment is due No Later Than 120 days before the expiration of the Agreement.**
- d) Sawtimber volumes were determined using a 100% tally. Pulpwood volumes were determined using a 10 BAF prism cruise in all blocks.
- e) Operator must contact PA One Call prior to the start of any operations.
- f) Whole tree harvesting is **NOT** permitted in blocks **1,2,3, and 5**.
- g) Whole tree harvesting is permitted for trees **less than 12” dbh only, in blocks 4, 6, 7, and 8**. Trees greater than 12’ dbh must be cut to length in the woods.
- h) The use of grapple and cable skidders is prohibited in **blocks 1, 2, 3, and 5**. A **forwarder** must be used to remove material in these blocks.
- i) Grapple and cable skidders are permitted in **blocks 4, 6, 7, and 8**.
- j) **No harvest operations** may take place in **blocks 7 and 8** prior to **September 1, 2024**. Road improvements into these blocks may be made prior to this date.
- k) No permanent paint may be used by bidders for marking/cruising this sale area.

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

- a) Timber sale boundaries are marked by two **Blue** slashes. Block lines are marked with a single **Blue** slash. Block numbers face into their respective blocks. All **Blue** marked trees are reserved.
- b) All **Red** marked trees, and conifers, are reserved unless otherwise directed by the forester-in-charge.
- c) All unmarked material 2” dbh and greater must be felled and may be utilized.
- d) All standing, unmarked dead material must be felled and may be utilized.
- e) Any previously downed, unmarked dead material is reserved and may not be utilized.
- f) Any tree on this sale considered a hazard tree by the operator may be felled for safety reasons and must be left at the stump.

- g) Game Land boundary, roads, pipelines, herbaceous openings, and spring runs are to be kept free of tops. Tops and slash will be kept back 10' from the sale boundary and ditch line of all roads and pipelines.
- h) Tops and slash must be kept back 10' from any residual tree.
- i) All work in a block must be completed and approved before operations can start in another block.
- j) All stumps must be cut lower than 12" from the ground.
- k) Cull portions of the tree are to be left at the stump. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings.
- l) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- m) No fuelwood cutting by individuals other than the operator, or their employees will be permitted.

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

- a) Hauling will take place on Pottersdale Road and the Quehanna Highway. PennDOT Contact information provided below:  
 PennDOT  
 Engineering District 2  
 70 PennDOT Drive Clearfield, PA 16830  
 Phone: (814) 765-0400  
 Fax: (814) 765-0585
- b) The following Township Roads will be utilized and likely need bonded: Newgarden Road, Keating Mountain Road, Back Hill Road  
 West Keating Township  
 6957 Keating Mountain Road, Pottersdale PA 16871  
 Phone: (814) 263-7225

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

- a) **Road to Build/Improve**
  1. The contractor is responsible for constructing and maintaining 500' of new haul road. This road will extend from the end of the existing road along blocks 1 and 2 along the edge of the herbaceous opening to the top of the herbaceous opening. Two existing sections of haul road totaling 7,685' must also be improved. These road segments include 3,823' of road starting at the end of the last field going into blocks 4 and 5 ending at the second landing; and 3,862' starting at the food plot entrance along block 7 and ending at the landing just across the block 8 line. The road surface must have a finished depth at least 12" with a 16' wide roadway and a finished driving surface width of 12' wide. Stone can be dug onsite, and a suitable stone pit location will be determined.
    - a. Existing Haul Roads – 7,865 feet; 6,830 tons of sub-base
    - b. New haul road – 550 feet; 500 tons of sub-base
  2. All haul roads used by the operator will be suitably drained and crowned (2-6% slope) with a road grader or dozer with 6-way blade at the conclusion of the sale or if the roads are in poor condition and the sale is going to be left idle for any length of time.

3. A stone rake and 10-ton vibrating roller will also be required following grading operations. All road edges including berms will be graded to a contour that allows for the sheet flow of water from the driving surface to an area where it can infiltrate naturally or a ditch, if necessary, as determined by the regional forester.
4. At the conclusion of the sale, 3,862' haul road from the herbaceous opening entrance along block 7 to the landing just across the block 8 line, as well as the 550' of new road to be constructed, must be seeded, mulched, and fertilized in accordance with the seeding guidelines below.
5. All specified road work must be approved by the regional forester. Stone Requirements – all values listed are estimates. Considerably more stone could be necessary depending on road condition and operator care. All stone requirements assume a 16' wide roadway with a 12' wide driving surface once completed. See Attachment A.
6. If suitable stone is not found on site, the buyer must supply his own approved stone from another source. The "minimum" sub-base requirements do not include stoning landings or pipeline crossings. To properly fix roads and stone landing sites, considerably more sub-base could be required. The stone locations will be identified by PGC personnel during road improvement operations.

**b) Roads to Maintain**

7. All haul roads used by operator will be suitably drained and crowned (2% - 6% slope) with a road grader or dozer with a 6-way blade at conclusion of sale or if the roads are in poor condition and the sale is going to be left idle for any length of time.
8. All road edges including breams will be graded to a contour that allows for the sheet flow of water from the driving surface to an area where it can infiltrate naturally or a ditch if necessary, as determined by the regional forester. Additional sub base material will be needed to fill potholes prior to hauling on these roads. Sub base material will be added to areas in need at the discretion of the forester-in-charge throughout the duration of the project.
  - a. PGC rd. – 26,125 feet

**c) Culverts**

All specified roadwork must be approved by the regional forester. All newly installed culverts will be smooth bore corrugated plastic pipe, trenched in with a backhoe or excavator. New culverts must be set in a minimum of 4" of compacted 2RC gravel. The 12-foot road surface directly over the new culverts must be a minimum of 12 inches deep of compacted 2RC aggregate. The remaining 2RC will be tapered into the existing road elevation on either side of the pipe. This will require 22 tons of 2RC gravel for each culvert, for a total of 66 tons for the installations. This gravel is not available on the game land. It must be purchased off-site and delivered to the game land. Newly installed culverts will also be properly set at correct angles to promote optimal drainage. Outlets will be placed at the natural elevation of the land and have a minimum of ¼ inch and a maximum of ¾ inch drop per foot and have head walls and end walls constructed of stone or approved material. Old culverts will be removed from the site and properly disposed of. The culvert locations will be identified by PGC personnel during the road improvement operations.

- a. 3 – 15 inch x 30' culvert pipes

**d) Tail drains, water bars and turnouts**

Will be added or cleaned at the discretion of the regional forester.

**e) Ditches and other drainage structures**

Will be opened and re-established where needed. The road must be crowned to drain all water into the ditches and culverts.

## 5) **LANDINGS**

- a) All landings are to be approved by the forester-in-charge. Main landing locations are designated on the sale map.
- b) Logging debris is to be kept to a minimum. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings.
- c) Prior to use, all topsoil must be scraped off landings and piled in one corner. At the conclusion of the sale, that topsoil must be spread back out on the landings prior to seeding.
- d) At the conclusion of the sale, all landings are to be leveled, cleared of debris, and seeded according to specifications outlined below.

## 6) **SKIDDING**

- a) Skid trails will be designated by the forester-in-charge. Existing trails are to be used for skidding and must be left open and level.
- b) No skidding will be allowed through streams, islands, or spring seeps.
- c) Tops and debris must be kept out of all spring seeps and islands, and off roads, trails, power lines, and herbaceous openings.
- d) Skidders are to be kept off haul roads as much as possible.
- e) Wet areas should be avoided when skidding and any treetops which are felled into small wet areas should be left in the water rather than pulling them out.
- f) If skid trails are to sit idle for one month or more, they are to have water bars added.
- g) Main skid trails are to be leveled, open and have water bars added at the conclusion of the sale.
- h) Major skid trails and areas at risk of erosion as determined by the regional forester will be graded and seeded according to the below listed seeding requirements upon completion of operations.
- i) Cut and fill skid trails must have the approval of the regional forester prior to the construction and will need to be constructed according to BMP's.

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

- a) At conclusion of sale all areas to be seeded will be properly graded with a grader or a dozer with a six-way blade and stone raked to clear all rocks 4" and larger. Seeding will include landings, and major skid trails as determined by the regional forester. All seeding will be according to the following:

Exact seed mixture and specifications will be required. No substitutions of other seed mixtures will be allowed.

SEED:

5 lbs CRIMSON clover /acre

5 lbs. ladino or white clover /acre  
50 lbs. oats or wheat (seasonal) /acre

FERTILIZER: 500 LBS/ACRE OF 10-20-20  
LIME: 2 ton/acre of **pulverized agricultural limestone**  
MULCH: 2 ton/acre straw – no paper mulch  
SEEDING DATES: Spring - up to June 15<sup>th</sup>  
Fall – August 1<sup>st</sup> to September 15.

**NOTE:** These are per acre rates. Total acres disturbed through logging will be determined at conclusion of sale. This area should not exceed 3 acres. Receipts for lime, fertilizer and seeding materials must be provided to the Regional Forester.

- b) Skid trails will be graded and seeded according to the listed seeding requirements upon completion of harvesting operations.
- c) All landings will be required to be seeded at the conclusion of this sale.
- d) The new 550' haul road near block 3 and the 3,862' improved haul road through blocks 7 and 8 must be seeded at the conclusion of the sale.
- e) The Regional Forester is to be notified prior to the application of lime, seed, fertilizer, and mulch.
- f) Guaranteed catch of cover must be obtained to the satisfaction of the forester-in-charge before the bond will be released.

#### 8) **OPERATIONS AND NON-WORK DAYS**

- a) No woods operation will be permitted on the following days:
  - 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 turkey season, including the youth spring gobbler hunt.
  - 3. All the days of the general statewide bear season
  - 4. The entire 2 weeks of the general firearms deer season
  - 5. The opening day of the flintlock muzzleloader season
  - 6. The entirety of all elk seasons
  - 7. May 31<sup>st</sup> to September 1<sup>st</sup>

No woods operation will be permitted from **March 1 thru April 15** without the permission of the forester-in-charge.

- b) The contractor, 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 traffic. The contractor may travel to and from the work location on no-work days to check on the condition of equipment.
- 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) MISCELLANEOUS**

- a) Operator must comply with the erosion and sedimentation control plan for the area.
- b) Operator will supply all employees working on this site with a map and a copy of the sale provisions.
- c) All existing trails and at least one main skid trail are to be kept open as hunter access in each block.
- d) *Violation of contract provisions by the operator may subject the operator or its employees or contractors to fine based on Title 58 regulations.*

## **10) FORESTER CONTACT INFORMATION**

Forester	Regional Forester
Christopher Sabol	Gary Glick
(814) 572-1963	(570) 398-4744
	Ext. 30310

Please feel free to call with any questions or concerns.

## **11) PA RIGHT TO KNOW PROVISIONS**

- a) The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, applies to this contract.
- b) Unless the Contractor provides the Commonwealth, in writing, with the name and contact information of another person, the agency shall notify the Contractor using the Contractor information provided by the Contractor in SRM [or “the legal contact information provided in this contract”] if the agency needs the Contractor’s assistance in any matter arising out of the Right to Know Law (“RTKL”). The Contractor shall notify the agency in writing of any change in the name or the contact information within a reasonable time prior to the change.
- c) Upon notification from the Commonwealth that the Commonwealth requires the Contractor’s assistance in responding to a RTKL request for records in the Contractor’s possession, the Contractor shall provide the Commonwealth, within fourteen (14) calendar days after receipt of such notification, access to, and copies of, any document or information in the Contractor’s possession which arises out of the contract that the Commonwealth requests (“Requested Information”) and provided such other assistance as the Commonwealth may request in order to comply with the RTKL. If the Contractor fails to provide the Requested Information within fourteen (14) calendar days after receipt of such request, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, detriment or harm that the Commonwealth may incur as a result of the Contractor’s failure, including any statutory damages assessed against the Commonwealth.

- d) The Commonwealth's determination as to whether the Requested Information is a public record is dispositive of the question as between the parties. Contractor agrees not to challenge the Commonwealth's decision to deem the Requested Information a Public Record. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, the Contractor will immediately notify the Commonwealth, and will provide a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL within seven (7) calendar days of receiving the request. If, upon review of the Contractor's written statement, the Commonwealth still decides to provide the Requested Information, Contractor will not challenge or in any way hold the Commonwealth liable for such a decision.
- e) The Commonwealth will reimburse the Contractor for any costs associated with complying with this provision only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.
- f) Contractor agrees to abide by any decision to release a record to the public made by the Office of Open Records, or by the Pennsylvania Courts. The Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth's disclosure of Requested Information pursuant to the RTKL. Contractor's duties relating to the RTKL are continuing duties that survive the expiration of this contract and shall continue as long as the Contractor has Requested Information in its possession.

## Report For Hickory Hill

<b>Sale Name:</b>	Hickory Hill	<b>SGL Number:</b>	321
<b>Forester:</b>	Sabol	<b>Report Date:</b>	06/05/2023
<b>Blocks Numbers in Sale:</b>	1,2,3,4,5,6,7,8	<b>Acres:</b>	478
<b>County:</b>	Clinton	<b>Township:</b>	WEST KEATING

### The Pennsylvania Game Commission SGL #321 - Hickory Hill 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	78	16%	Clearcut with Reserves	100% Tally	334,705	4,309	24%	BAF 10 Plot	1,366	18	16%	3,391	0	0
2	76	16%	Clearcut with Reserves	100% Tally	374,205	4,897	27%	BAF 10 Plot	1,588	21	19%	3,940	0	0
3	25	5%	Clearcut with Reserves	100% Tally	131,762	5,230	9%	BAF 10 Plot	564	22	7%	770	0	0
4	52	11%	Shelterwood	100% Tally	57,967	1,111	4%	BAF 10 Plot	875	17	10%	11,061	0	0
5	29	6%	Clearcut with Reserves	100% Tally	103,673	3,568	7%	BAF 10 Plot	572	20	7%	9,637	0	0
6	95	20%	Shelterwood	100% Tally	126,881	1,337	9%	BAF 10 Plot	1,989	21	23%	13,983	0	0
7	79	17%	Individual Selection	100% Tally	202,219	2,560	15%	BAF 10 Plot	864	11	10%	8,622	0	0
8	44	9%	Individual Selection	100% Tally	60,102	1,379	4%	BAF 10 Plot	706	16	8%	23,219	0	0
<b>Total</b>	<b>478</b>	<b>100%</b>			<b>1,391,513</b>		<b>100%</b>		<b>8,524</b>	<b>17.8</b>	<b>100%</b>	<b>74,624</b>		

**Pulpwood was sampled in block(s) 1, 2, 3, 4, 5, 6, 7, 8 with a precision of +/- 11.4% (90% C.I.)**

## The Pennsylvania Game Commission SGL #321 - Hickory Hill Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 478 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
White Oak	3,109	143,894	2,381	207,757	1,252	165,306	411	73,166	139	32,917	37	10,172	11	3,793	3	1,038	0	0	0	0	7,343	638,042	87	7,581	1,866
White Oak - dead	1,277	55,152	1,001	82,017	596	75,066	274	44,788	85	18,883	19	5,801	5	1,670	2	605	1	360	2	1,318	3,262	285,660	88	5,962	1,135
Scarlet Oak	289	12,951	293	24,283	225	28,888	105	19,339	37	9,239	13	4,364	3	1,292	0	0	2	1,227	0	0	967	101,582	105	400	93
Red Maple	683	29,286	348	27,177	134	15,588	37	5,536	10	2,512	6	1,584	1	272	0	0	0	0	0	0	1,219	81,956	67	13,174	2,729
Chestnut Oak - dead	220	8,377	192	14,336	135	14,851	37	6,050	16	3,089	13	3,057	9	2,039	1	176	3	1,050	0	0	626	53,024	85	703	146
Black Oak	92	3,979	105	8,644	91	12,008	72	12,383	31	7,102	16	4,478	2	710	0	0	1	360	0	0	410	49,664	121	0	0
Chestnut Oak	203	7,874	139	9,888	86	9,566	35	5,264	10	2,013	0	0	2	501	0	0	0	0	0	0	475	35,107	74	1,706	369
N. Red Oak	58	2,442	82	6,423	51	7,081	40	7,805	27	6,840	5	1,660	1	557	0	0	0	0	0	0	264	32,809	124	116	27
N. Red Oak - dead	35	1,517	46	3,796	35	4,730	40	7,626	12	3,067	9	2,641	3	1,314	2	1,011	1	380	0	0	183	26,082	143	0	0
Sweet Birch	205	7,934	69	4,831	26	2,626	8	1,112	4	703	1	219	1	265	1	315	0	0	0	0	315	18,004	57	9,381	1,439
Scarlet Oak - dead	38	1,601	43	3,569	35	3,952	18	2,913	9	1,745	3	774	1	345	0	0	0	0	0	0	147	14,898	101	304	34
Black Oak - dead	22	975	29	2,322	27	3,297	21	3,792	7	1,693	7	1,884	1	355	0	0	1	500	0	0	115	14,817	129	0	0
White Oak - dying	82	3,691	67	5,644	17	2,062	14	2,278	3	574	1	213	1	258	0	0	0	0	0	0	185	14,718	80	249	63
Hickories	73	3,361	22	1,934	6	961	1	173	0	0	0	0	0	0	0	0	0	0	0	0	102	6,428	63	1,403	185
Red Maple - dead	23	967	22	1,760	4	507	5	913	1	182	0	0	0	0	0	0	0	0	0	0	55	4,329	79	1,205	187
Hickories - dead	29	1,104	19	1,439	12	1,423	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	3,965	66	75	9
Chestnut Oak - dying	10	389	9	677	8	935	4	570	1	228	0	0	0	0	0	0	0	0	0	0	32	2,800	87	0	0
N. Red Oak - dying	1	54	6	499	4	578	3	576	2	555	0	0	0	0	0	0	0	0	0	0	16	2,263	141	69	24
Aspen	2	97	3	187	6	550	1	128	1	163	1	276	1	244	0	0	0	0	0	0	15	1,644	110	0	0
Scarlet Oak - dying	3	131	1	73	2	270	1	221	0	0	1	284	0	0	0	0	0	0	0	0	8	978	122	0	0
Black Oak - dying	3	135	1	48	2	207	1	183	0	0	1	128	0	0	0	0	0	0	0	0	8	701	88	0	0
Sweet Birch - dead	6	220	1	49	1	67	2	279	0	0	0	0	0	0	0	0	0	0	0	0	10	615	61	230	26
Black Cherry	3	103	6	360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	463	51	230	25
White Ash	0	0	0	0	0	0	1	274	1	108	0	0	0	0	0	0	0	0	0	0	2	382	191	133	11
Red Maple - dying	7	299	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	299	43	0	0
White Ash - dead	0	0	0	0	1	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	175	175	0	0
Black Cherry - dead	0	0	0	0	1	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	109	109	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	517	62	
Black Locust - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	391	45	
Cucumbertree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	22	
Hickories - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	10	
Black Locust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	9	
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	6	
<b>Total</b>	<b>6,473</b>	<b>286,533</b>	<b>4,885</b>	<b>407,711</b>	<b>2,757</b>	<b>350,802</b>	<b>1,131</b>	<b>195,369</b>	<b>396</b>	<b>91,612</b>	<b>133</b>	<b>37,533</b>	<b>42</b>	<b>13,614</b>	<b>9</b>	<b>3,145</b>	<b>9</b>	<b>3,876</b>	<b>2</b>	<b>1,318</b>	<b>15,837</b>	<b>1,391,513</b>	<b>88</b>	<b>44,036</b>	<b>8,524</b>

## The Pennsylvania Game Commission SGL #321 - Hickory Hill Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 78 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	
White Oak	1,208	55,921	785	71,213	305	42,305	77	14,737	20	5,105	1	213	0	0	0	0	0	0	0	0	0	2,396	189,495	79	1,721	502
Scarlet Oak	159	7,142	143	12,090	106	13,734	41	7,520	19	4,822	3	921	0	0	0	0	0	0	0	0	0	471	46,228	98	136	50
Black Oak	60	2,677	64	5,428	62	8,532	53	9,256	27	6,289	7	2,029	1	355	0	0	0	0	0	0	0	274	34,566	126	0	0
White Oak - dead	100	4,646	64	5,415	39	5,367	7	1,180	2	526	0	0	0	0	0	0	0	0	0	0	0	212	17,134	81	659	111
N. Red Oak	29	1,328	31	2,673	27	3,900	20	4,066	13	3,540	1	519	1	557	0	0	0	0	0	0	0	122	16,582	136	0	0
Red Maple	145	6,332	54	4,885	22	2,683	7	1,044	3	742	1	384	0	0	0	0	0	0	0	0	0	232	16,071	69	2,082	457
Black Oak - dead	11	486	11	924	7	819	3	550	1	292	1	292	0	0	0	0	0	0	0	0	0	34	3,363	99	0	0
Chestnut Oak	31	1,235	12	899	4	536	2	310	0	0	0	0	0	0	0	0	0	0	0	0	0	49	2,981	61	807	211
Hickories	31	1,489	12	1,082	2	349	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	2,920	65	294	35
White Oak - dying	6	251	11	1,021	0	0	2	319	0	0	0	0	0	0	0	0	0	0	0	0	0	19	1,591	84	0	0
N. Red Oak - dead	2	108	2	185	3	472	4	816	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1,581	144	0	0
Scarlet Oak - dead	5	195	3	244	5	499	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	938	72	0	0
White Ash	0	0	0	0	0	0	1	274	1	108	0	0	0	0	0	0	0	0	0	0	0	2	382	191	0	0
Red Maple - dead	1	54	2	156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	210	70	0	0
Hickories - dead	0	0	1	95	1	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	192	96	0	0
Black Oak - dying	1	33	1	48	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	184	61	0	0
N. Red Oak - dying	0	0	0	0	0	0	1	143	0	0	0	0	0	0	0	0	0	0	0	0	0	1	143	143	0	0
Chestnut Oak - dead	3	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	95	32	0	0
Black Cherry	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	50	50	0	0
<b>Total</b>	<b>1,792</b>	<b>81,991</b>	<b>1,197</b>	<b>106,405</b>	<b>584</b>	<b>79,400</b>	<b>218</b>	<b>40,216</b>	<b>86</b>	<b>21,424</b>	<b>14</b>	<b>4,358</b>	<b>2</b>	<b>912</b>							<b>3,893</b>	<b>334,705</b>	<b>86</b>	<b>5,700</b>	<b>1,366</b>	

## The Pennsylvania Game Commission SGL #321 - Hickory Hill Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 2 - 76 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
White Oak	1,224	57,607	1,067	92,286	584	77,372	206	36,216	59	14,433	18	5,116	4	1,413	0	0	0	0	0	0	3,162	284,442	90	2,446	574
Scarlet Oak	96	4,265	104	8,502	75	9,714	39	7,248	11	2,771	6	1,961	1	514	0	0	0	0	0	0	332	34,974	105	265	43
Red Maple	131	5,894	72	6,021	26	3,403	9	1,578	3	923	1	225	0	0	0	0	0	0	0	242	18,044	75	3,016	528	
Chestnut Oak	75	3,045	53	4,101	33	3,769	9	1,501	3	372	0	0	0	0	0	0	0	0	0	173	12,787	74	523	85	
Black Oak	28	1,135	29	2,267	22	2,681	16	2,719	3	579	6	1,659	0	0	0	0	0	0	0	104	11,040	106	0	0	
White Oak - dead	41	1,891	28	2,249	13	1,591	1	227	3	698	0	0	0	0	1	424	0	0	0	87	7,080	81	934	156	
Hickories	24	1,072	6	520	1	161	1	173	0	0	0	0	0	0	0	0	0	0	0	32	1,927	60	444	69	
N. Red Oak	0	0	3	290	3	506	1	239	2	555	0	0	0	0	0	0	0	0	0	9	1,591	177	0	0	
Black Oak - dead	0	0	2	150	2	242	0	0	0	0	0	0	0	0	0	0	1	500	0	5	893	179	0	0	
Chestnut Oak - dead	7	258	4	341	1	101	1	178	0	0	0	0	0	0	0	0	0	0	0	13	878	68	0	0	
White Oak - dying	0	0	2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	200	100	0	0	
Scarlet Oak - dead	1	50	0	0	1	101	0	0	0	0	0	0	0	0	0	0	0	0	0	2	150	75	304	34	
Hickories - dead	3	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	127	42	0	0	
Aspen	0	0	1	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	71	71	0	0	
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	484	84	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	109	15	
<b>Total</b>	<b>1,630</b>	<b>75,343</b>	<b>1,371</b>	<b>116,999</b>	<b>761</b>	<b>99,640</b>	<b>283</b>	<b>50,080</b>	<b>84</b>	<b>20,331</b>	<b>31</b>	<b>8,960</b>	<b>5</b>	<b>1,926</b>	<b>1</b>	<b>424</b>	<b>1</b>	<b>500</b>		<b>4,167</b>	<b>374,205</b>	<b>90</b>	<b>8,525</b>	<b>1,588</b>	

## The Pennsylvania Game Commission SGL #321 - Hickory Hill Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 3 - 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	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
White Oak	321	15,079	302	25,751	254	31,599	90	15,334	47	10,112	16	4,266	6	2,025	3	1,038	0	0	0	1,039	105,205	101	964	307	
Scarlet Oak	14	642	23	1,851	21	2,523	14	2,574	7	1,646	3	1,128	1	433	0	0	2	1,227	0	85	12,024	141	0	0	
Red Maple	36	1,453	25	1,827	13	1,516	3	476	1	247	0	0	1	272	0	0	0	0	0	79	5,791	73	494	133	
Chestnut Oak	11	385	11	802	13	1,616	4	621	3	735	0	0	2	501	0	0	0	0	0	44	4,659	106	48	10	
Black Oak	1	51	4	301	1	103	1	136	1	234	2	426	0	0	0	0	1	360	0	11	1,611	146	0	0	
N. Red Oak	0	0	1	79	1	146	3	576	1	182	1	225	0	0	0	0	0	0	0	7	1,208	173	0	0	
White Oak - dead	3	135	3	226	2	242	1	136	0	0	0	0	0	0	0	0	0	0	0	9	738	82	436	91	
Hickories	7	338	0	0	1	188	0	0	0	0	0	0	0	0	0	0	0	0	0	8	526	66	31	7	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	134	16	
<b>Total</b>	<b>393</b>	<b>18,083</b>	<b>369</b>	<b>30,836</b>	<b>306</b>	<b>37,934</b>	<b>116</b>	<b>19,853</b>	<b>60</b>	<b>13,157</b>	<b>22</b>	<b>6,044</b>	<b>10</b>	<b>3,231</b>	<b>3</b>	<b>1,038</b>	<b>3</b>	<b>1,587</b>		<b>1,282</b>	<b>131,762</b>	<b>103</b>	<b>2,106</b>	<b>564</b>	

## The Pennsylvania Game Commission SGL #321 - Hickory Hill Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 4 - 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	
White Oak - dead	81	3,491	63	4,622	49	5,597	30	4,616	9	2,266	0	0	0	0	0	0	0	0	0	0	0	232	20,592	89	436	64
Chestnut Oak - dead	60	2,389	66	4,892	50	5,400	10	1,498	2	451	1	354	1	149	0	0	0	0	0	0	0	190	15,133	80	293	73
Red Maple	77	3,020	29	1,944	11	1,064	1	143	2	293	0	0	0	0	0	0	0	0	0	0	0	120	6,463	54	1,973	422
Sweet Birch	94	3,682	26	1,769	7	664	1	139	0	0	0	0	0	0	0	0	0	0	0	0	0	128	6,255	49	1,348	249
Hickories - dead	18	677	11	779	9	1,033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	2,489	66	75	9
Black Oak - dead	7	321	7	471	4	551	2	319	3	641	0	0	0	0	0	0	0	0	0	0	0	23	2,304	100	0	0
N. Red Oak - dead	2	69	6	470	1	109	5	817	1	111	0	0	0	0	0	0	0	0	0	0	0	15	1,576	105	0	0
Red Maple - dead	11	457	6	476	1	109	1	143	0	0	0	0	0	0	0	0	0	0	0	0	0	19	1,185	62	133	14
Scarlet Oak - dead	4	163	6	511	2	201	0	0	1	168	0	0	0	0	0	0	0	0	0	0	0	13	1,043	80	0	0
White Oak - dying	5	200	0	0	1	139	1	183	1	105	0	0	0	0	0	0	0	0	0	0	0	8	627	78	0	0
Chestnut Oak - dying	0	0	1	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	97	97	0	0
Black Cherry	1	34	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	85	42	0	0
Sweet Birch - dead	2	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	67	33	0	0
Black Oak - dying	1	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	51	51	0	0
Cucumbertree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	22
White Ash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133	11
Hickories - dying	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	10
<b>Total</b>	<b>363</b>	<b>14,621</b>	<b>222</b>	<b>16,083</b>	<b>135</b>	<b>14,867</b>	<b>51</b>	<b>7,859</b>	<b>19</b>	<b>4,034</b>	<b>1</b>	<b>354</b>	<b>1</b>	<b>149</b>							<b>792</b>	<b>57,967</b>	<b>73</b>	<b>4,513</b>	<b>875</b>	

## The Pennsylvania Game Commission SGL #321 - Hickory Hill Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 5 - 29 acres																											
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood			
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
White Oak - dead	104	4,776	102	8,416	56	6,875	37	6,269	9	2,038	6	2,040	0	0	0	0	0	0	0	0	0	0	314	30,413	97	293	75
White Oak	126	5,195	88	7,317	47	6,594	20	3,596	7	1,755	2	577	0	0	0	0	0	0	0	0	0	0	290	25,034	86	647	185
Chestnut Oak	81	2,997	61	3,940	36	3,646	20	2,832	4	907	0	0	0	0	0	0	0	0	0	0	0	0	202	14,321	71	327	63
Chestnut Oak - dead	64	2,494	49	3,520	30	3,299	8	1,318	5	954	1	284	0	0	0	0	0	0	0	0	0	0	157	11,868	76	178	32
N. Red Oak	13	467	22	1,420	5	579	4	669	5	1,040	0	0	0	0	0	0	0	0	0	0	0	0	49	4,175	85	116	27
Red Maple	34	1,385	14	1,076	6	614	1	239	1	308	0	0	0	0	0	0	0	0	0	0	0	0	56	3,621	65	858	146
Scarlet Oak	8	324	7	429	6	806	5	977	0	0	0	0	1	345	0	0	0	0	0	0	0	0	27	2,880	107	0	0
White Oak - dying	16	725	8	748	3	448	2	410	2	469	0	0	0	0	0	0	0	0	0	0	0	0	31	2,801	90	72	18
Chestnut Oak - dying	7	258	5	360	5	671	1	132	1	228	0	0	0	0	0	0	0	0	0	0	0	0	19	1,649	87	0	0
Black Oak - dead	1	51	2	175	1	139	5	957	0	0	1	292	0	0	0	0	0	0	0	0	0	0	10	1,613	161	0	0
Scarlet Oak - dead	2	81	4	341	7	772	2	353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	1,547	103	0	0
N. Red Oak - dead	5	192	2	159	3	327	2	282	1	247	0	0	0	0	0	0	0	0	0	0	0	0	13	1,207	93	0	0
Black Oak	3	116	3	223	1	139	2	272	0	0	1	364	0	0	0	0	0	0	0	0	0	0	10	1,114	111	0	0
Red Maple - dead	5	211	5	394	1	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	714	65	44	8
Hickories - dead	1	48	1	95	1	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	274	91	0	0
Hickories	0	0	0	0	1	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	131	131	44	6
N. Red Oak - dying	0	0	2	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	130	65	0	0
Black Oak - dying	0	0	0	0	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	103	103	0	0
Sweet Birch	0	0	1	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	77	77	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	0	0	44	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	0	44	6
<b>Total</b>	<b>470</b>	<b>19,320</b>	<b>376</b>	<b>28,818</b>	<b>210</b>	<b>25,382</b>	<b>109</b>	<b>18,306</b>	<b>35</b>	<b>7,945</b>	<b>11</b>	<b>3,557</b>	<b>1</b>	<b>345</b>									<b>1,212</b>	<b>103,673</b>	<b>86</b>	<b>2,666</b>	<b>572</b>



## The Pennsylvania Game Commission SGL #321 - Hickory Hill Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 6 - 95 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
White Oak	220	9,693	134	10,842	60	7,229	18	3,281	6	1,511	0	0	1	355	0	0	0	0	0	0	439	32,911	75	1,734	274
White Oak - dead	148	6,363	115	9,283	80	9,663	28	4,145	12	2,736	0	0	2	703	0	0	0	0	0	0	385	32,893	85	795	167
Red Maple	247	10,677	148	10,925	50	5,695	15	1,967	0	0	4	975	0	0	0	0	0	0	0	0	464	30,239	65	3,304	833
N. Red Oak	16	648	24	1,910	15	1,950	12	2,255	6	1,523	3	917	0	0	0	0	0	0	0	0	76	9,203	121	0	0
Scarlet Oak	12	579	16	1,412	17	2,111	6	1,020	0	0	1	354	0	0	0	0	0	0	0	0	52	5,475	105	0	0
Sweet Birch	62	2,458	17	1,223	3	279	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	3,960	48	3,180	532
Chestnut Oak - dead	10	407	9	706	5	503	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	1,616	67	0	0
Aspen	2	97	2	116	6	550	1	128	1	163	1	276	1	244	0	0	0	0	0	0	14	1,573	112	0	0
Black Oak	0	0	5	426	5	552	0	0	0	0	0	0	1	355	0	0	0	0	0	0	11	1,333	121	0	0
N. Red Oak - dead	2	69	2	130	2	218	4	619	0	0	1	225	0	0	0	0	0	0	0	0	11	1,260	115	0	0
Black Oak - dead	0	0	1	100	4	551	2	410	0	0	0	0	0	0	0	0	0	0	0	0	7	1,062	152	0	0
Scarlet Oak - dead	3	113	3	219	1	135	2	353	1	168	0	0	0	0	0	0	0	0	0	0	10	988	99	0	0
White Oak - dying	3	98	7	469	1	103	2	272	0	0	0	0	0	0	0	0	0	0	0	0	13	941	72	0	0
Hickories	11	461	4	331	1	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	924	58	590	68
Red Maple - dead	1	54	4	370	1	109	2	337	0	0	0	0	0	0	0	0	0	0	0	0	8	870	109	230	24
Hickories - dead	3	110	2	140	1	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	411	68	0	0
Chestnut Oak	5	213	2	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	359	51	0	0
Black Cherry	2	69	4	259	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	328	55	230	25
N. Red Oak - dying	0	0	0	0	2	218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	218	109	0	0
White Ash - dead	0	0	0	0	1	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	175	175	0	0
Black Cherry - dead	0	0	0	0	1	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	109	109	0	0
Sweet Birch - dead	1	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	33	33	230	26
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230	25
Black Locust - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129	15
<b>Total</b>	<b>748</b>	<b>32,141</b>	<b>499</b>	<b>39,006</b>	<b>256</b>	<b>30,444</b>	<b>92</b>	<b>14,787</b>	<b>26</b>	<b>6,100</b>	<b>10</b>	<b>2,746</b>	<b>5</b>	<b>1,656</b>							<b>1,636</b>	<b>126,881</b>	<b>78</b>	<b>10,652</b>	<b>1,989</b>

## The Pennsylvania Game Commission SGL #321 - Hickory Hill Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

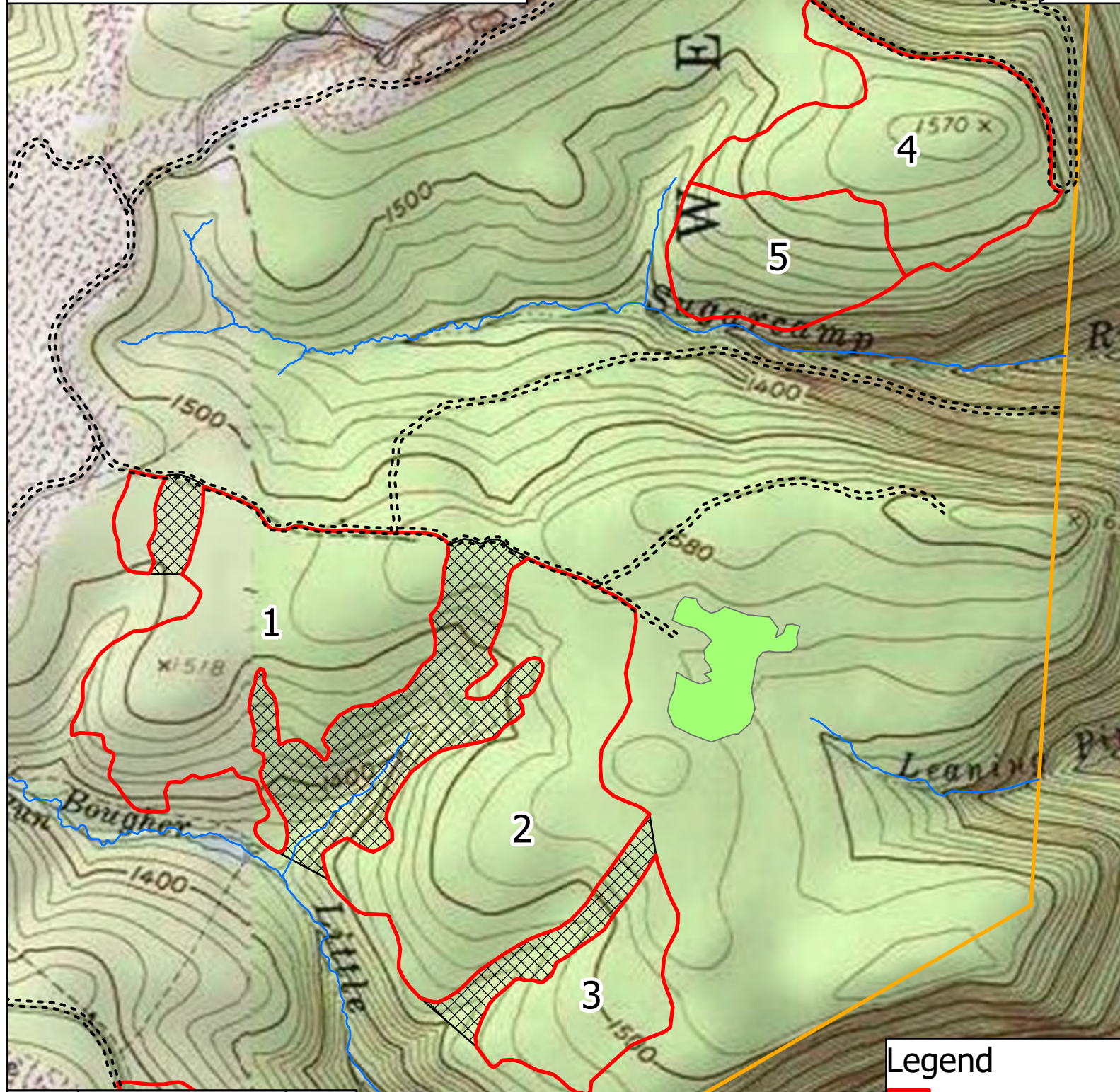
Block 7 - 79 acres

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
White Oak - dead	736	31,059	570	47,171	324	41,454	146	24,170	40	8,352	11	3,105	2	613	0	0	0	0	2	1,318	1,831	157,242	86	2,307	449
N. Red Oak - dead	16	726	26	2,063	19	2,624	18	3,600	8	2,154	5	1,660	1	470	2	1,011	0	0	0	0	95	14,308	151	0	0
White Oak - dying	49	2,300	37	3,031	11	1,268	6	958	0	0	0	0	1	258	0	0	0	0	0	0	104	7,815	75	177	45
Chestnut Oak - dead	36	1,304	27	2,189	20	2,416	5	892	1	168	0	0	0	0	0	0	0	0	0	0	89	6,968	78	108	19
Scarlet Oak - dead	13	574	15	1,312	11	1,302	8	1,276	6	1,126	2	567	1	345	0	0	0	0	0	0	56	6,502	116	0	0
Black Oak - dead	2	84	3	226	7	752	5	870	1	234	3	796	0	0	0	0	0	0	0	0	21	2,962	141	0	0
Sweet Birch	21	703	5	358	0	0	1	139	0	0	0	0	0	0	0	0	0	0	0	0	27	1,201	44	1,027	147
N. Red Oak - dying	1	54	2	185	1	180	2	433	1	247	0	0	0	0	0	0	0	0	0	0	7	1,099	157	69	24
White Oak	10	400	5	348	2	207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	955	56	69	24
Red Maple - dead	2	69	3	235	0	0	2	433	1	182	0	0	0	0	0	0	0	0	0	0	8	919	115	299	40
Scarlet Oak - dying	2	81	1	73	1	135	0	0	0	0	1	284	0	0	0	0	0	0	0	0	5	573	115	0	0
Red Maple	2	88	1	106	2	218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	412	82	790	115
Black Oak - dying	0	0	0	0	0	0	1	183	0	0	1	128	0	0	0	0	0	0	0	0	2	312	156	0	0
Hickories - dead	4	141	2	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	306	51	0	0
Chestnut Oak - dying	1	50	2	146	1	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	297	74	0	0
Red Maple - dying	6	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	265	44	0	0
N. Red Oak	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	50	50	0	0
Sweet Birch - dead	1	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	33	33	0	0
<b>Total</b>	<b>902</b>	<b>37,932</b>	<b>700</b>	<b>57,659</b>	<b>399</b>	<b>50,657</b>	<b>194</b>	<b>32,954</b>	<b>58</b>	<b>12,463</b>	<b>23</b>	<b>6,540</b>	<b>5</b>	<b>1,685</b>	<b>2</b>	<b>1,011</b>			<b>2</b>	<b>1,318</b>	<b>2,285</b>	<b>202,219</b>	<b>88</b>	<b>4,846</b>	<b>864</b>

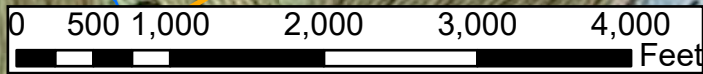
## The Pennsylvania Game Commission SGL #321 - Hickory Hill Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 8 - 44 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
White Oak - dead	64	2,791	56	4,636	33	4,277	24	4,044	10	2,267	2	656	1	355	1	181	1	360	0	0	192	19,566	102	102	23	
Chestnut Oak - dead	40	1,430	37	2,687	29	3,133	13	2,164	8	1,517	11	2,419	8	1,890	1	176	3	1,050	0	0	150	16,466	110	125	22	
Sweet Birch	28	1,090	20	1,404	16	1,683	6	833	4	703	1	219	1	265	1	315	0	0	0	0	77	6,511	85	3,826	512	
N. Red Oak - dead	8	353	8	789	7	980	7	1,493	2	555	3	757	2	844	0	0	1	380	0	0	38	6,150	162	0	0	
Scarlet Oak - dead	10	425	12	942	8	942	6	931	1	284	1	207	0	0	0	0	0	0	0	0	38	3,731	98	0	0	
Black Oak - dead	1	33	3	275	2	242	4	686	2	526	2	504	1	355	0	0	0	0	0	0	15	2,621	175	0	0	
Red Maple	11	437	5	394	4	396	1	89	0	0	0	0	0	0	0	0	0	0	0	0	21	1,315	63	657	95	
Chestnut Oak - dying	2	81	1	73	2	164	3	438	0	0	0	0	0	0	0	0	0	0	0	0	8	757	95	0	0	
White Oak - dying	3	116	2	175	1	103	1	136	0	0	1	213	0	0	0	0	0	0	0	0	8	744	93	0	0	
N. Red Oak - dying	0	0	2	185	1	180	0	0	1	308	0	0	0	0	0	0	0	0	0	0	4	672	168	0	0	
Sweet Birch - dead	2	86	1	49	1	67	2	279	0	0	0	0	0	0	0	0	0	0	0	0	6	481	80	0	0	
Red Maple - dead	3	123	2	130	1	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	432	72	16	16	
Scarlet Oak - dying	1	50	0	0	1	135	1	221	0	0	0	0	0	0	0	0	0	0	0	0	3	405	135	0	0	
Hickories - dead	0	0	2	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	166	83	0	0	
Black Oak - dying	1	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	51	51	0	0	
Red Maple - dying	1	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	34	34	0	0	
Black Locust - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	262	29	
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	40	9	
<b>Total</b>	<b>175</b>	<b>7,101</b>	<b>151</b>	<b>11,905</b>	<b>106</b>	<b>12,479</b>	<b>68</b>	<b>11,313</b>	<b>28</b>	<b>6,158</b>	<b>21</b>	<b>4,975</b>	<b>13</b>	<b>3,709</b>	<b>3</b>	<b>672</b>	<b>5</b>	<b>1,789</b>			<b>570</b>	<b>60,102</b>	<b>105</b>	<b>5,028</b>	<b>706</b>	

Hickory Hill Sale Map  
 Blocks 1-5  
 SGL 321, Clinton County  
 539 Acres



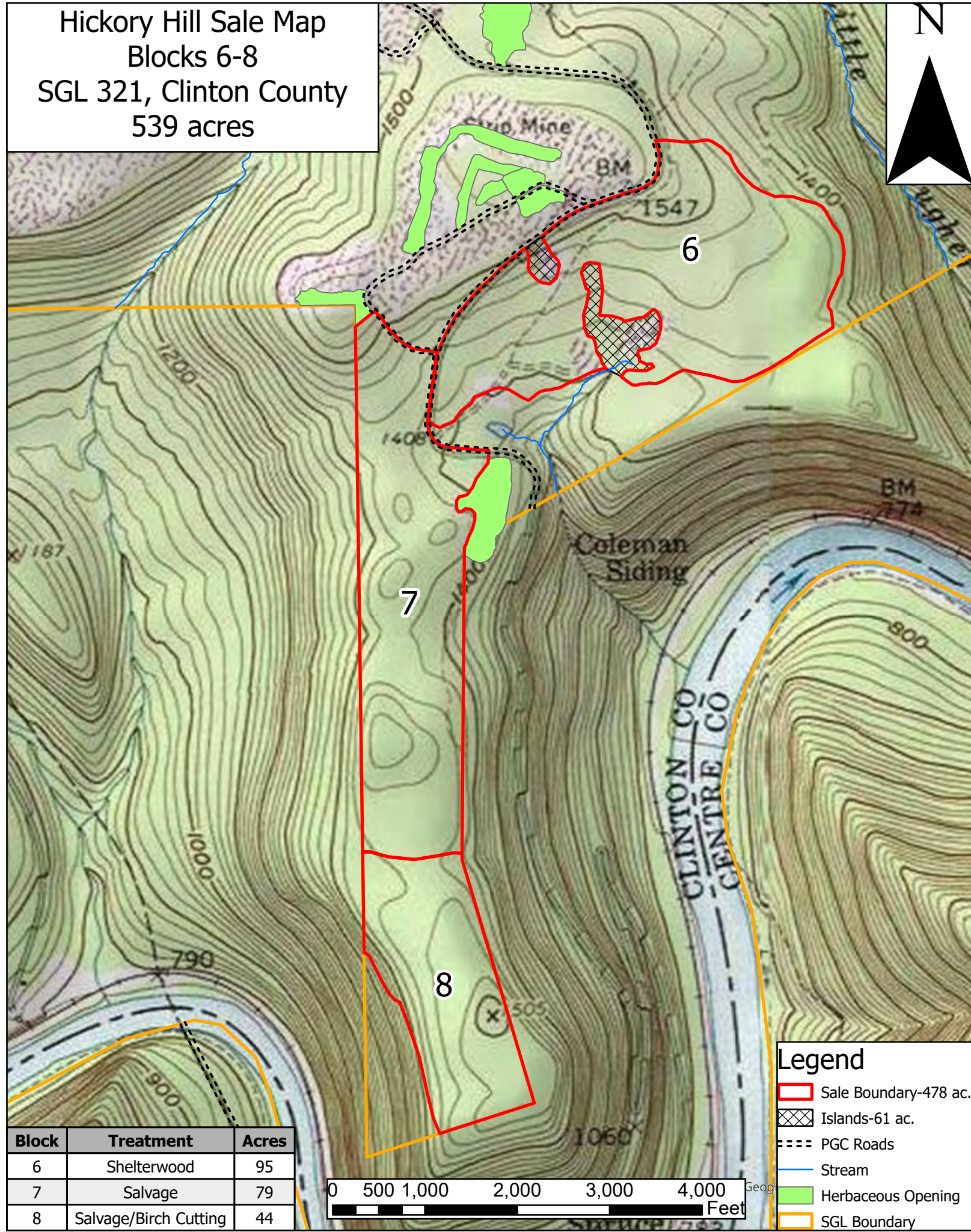
Block	Treatment	Acres
1	Clearcut w/Reserves	78
2	Clearcut w/Reserves	76
3	Clearcut w/Reserves	25
4	Shelterwood	52
5	Clearcut with Reserves	29



**Legend**

- Sale Boundary-478 ac.
- Islands-61 ac.
- Stream
- PGC Roads
- Herbaceous Opening
- SGL Boundary

Hickory Hill Sale Map  
 Blocks 6-8  
 SGL 321, Clinton County  
 539 acres



Block	Treatment	Acres
6	Shelterwood	95
7	Salvage	79
8	Salvage/Birch Cutting	44

**Legend**

- Sale Boundary-478 ac.
- Islands-61 ac.
- PGC Roads
- Stream
- Herbaceous Opening
- SGL Boundary

