

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 **719,142 board feet of sawlogs and 2,205 tons of pulpwood** located on **235 acres** of State Game Lands No. 331, Hutson Township, Clearfield 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 **October 15, 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 #090.** Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, October 7, 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 #:331
SALE: 331-2023-01
NAME: Half log

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated **719,142 board feet of sawlogs and 2,205 tons of pulpwood** located on **235 acres** of State Game Lands No. 331, Hutson Township, Clearfield 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 **Sept 20, 2024**. Viewers will be met at **1504 North Continental Drive, Rockton, PA 15856** 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 #331**. 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, Oct 7, 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 **October 15, 2026.**

- PAYMENTS -

The sale is divided into **6** cutting blocks. Payment may be made by:

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

- 1 – 19% - 15 acres
- 2 – 19% - 35 acres
- 3 – 23% - 47 acres
- 4 – 10% - 20 acres
- 5 – 29% - 45 acres
- 6 – 00% - 63 acres

Payment for Block 1 (15% 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 "Half Log TIMBER SALE"

S.G.L. # 331 T.S. # 331-2023-01

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 235-acre sale contains 6 harvest blocks.
- c) **Payment for Block 1 (15% 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 and pulpwood volumes were determined using a 100% tally.
- e) Operator must contact PA One Call prior to the start of any operations.
- f) Whole tree harvesting is not permitted.
- g) Block 6 (Sub-blocks 6A and 6B) must be completed by **March 1, 2025**.
- h) 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 **YELLOW** marked trees must be felled. All unmarked trees 2-6" dbh must also be felled.
- c) All **unmarked** trees > 6" dbh, conifers, and unmarked dead material is reserved unless otherwise directed by the forester-in-charge.
- d) All **red** marked trees in Block 1 are reserved.
- e) Block 6 is divided into two sub blocks, 6A and 6B. Equipment is permitted in sub-block 6A, and felled material may be utilized. **No equipment** is permitted to leave the roadway in sub-block **6B**. All felling must be done by hand and/or cabled/pushed over with a boomed machine from the road. No material may be utilized and must be left at the stump in sub-block 6B
- 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) All logging slash in block 1 must be removed from the block. It can either be moved into blocks 2 or 3 or piled along the **OUTSIDE** edge of block 1.
- 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) Interstate 80 may likely be utilized for hauling.
- b) Hauling will most likely take place on SR 153 or SR 255,. PennDot Contact information provided below

PennDot
 Engineering District 2
 70 PennDOT Drive Clearfield, PA 16830
 Phone: (814) 765-0400
 Fax: (814) 765-0585

- c) Anderson Creek Road (T339), North Continental Drive, Union Township
 Union Township
 695 Rock Run Road, Rockton, PA 15856
 Phone: (814) 583-7299 or (814) 583-5683

Huston Township
 11837 Bennetts Valley Highway – Suite 1, Penfield, PA 15849
 Phone: (814) 637-5771

4) GAME LAND ROADS TO BUILD / IMPROVE

a) **Roads to Maintain**

1. 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.
2. 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
 - a. PGC rd. – 13,750 feet

b) **Road to Improve**

All below 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 conditions and operator care. All stone requirements assume a 16 ft wide roadway with ≈ a 12 ft wide driving surface once completed. See attachment A.

A. 2,560 tons PennDOT 3A limestone

- a. 4,450feet- 12 feet wide and 10 inches deep

c) **Tail drains and turnouts**

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

d) **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 landings 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) 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 15th
Fall – August 1st 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 Regional Forester is to be notified prior to the application of lime, seed, fertilizer, and mulch.
- e) 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

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) Gates must be closed and locked when operator is not onsite.
- d) All existing trails and at least one main skid trail are to be kept open as hunter access in each block.
- e) *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 Half Log

Sale Name:	Half Log	SGL Number:	331
Forester:	Sabol	Report Date:	05/06/2024
Blocks Numbers in Sale:	1,2,3,4,5,6	Acres:	225.4
County:	Clearfield	Township:	HUSTON

The Pennsylvania Game Commission SGL #331 - Half Log 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	15	7%	Clearcut	100% Tally	135,448	9,047	19%	100% Tally	294	20	13%	6	49	49
2	35	16%	Shelterwood	100% Tally	135,833	3,835	19%	100% Tally	342	10	15%	4	57	48
3	47	21%	Shelterwood	100% Tally	168,760	3,601	23%	100% Tally	490	10	22%	1	28	130
4	20	9%	Shelterwood	100% Tally	75,951	3,762	11%	100% Tally	193	10	9%	0	16	19
5	45	20%	Shelterwood	100% Tally	202,131	4,467	28%	100% Tally	522	12	24%	0	42	46
6	63	28%	Individual Selection	100% Tally	1,019	16	0%	100% Tally	364	6	17%	1	63	176
Total	225	100%			719,142		100%		2,205	9.8	100%	12	255	468

The Pennsylvania Game Commission SGL #331 - Half Log Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 15 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	3	162	8	708	6	1,076	26	5,304	31	8,180	28	10,238	31	13,222	23	11,441	27	15,962	26	18,550	209	84,843	406	11	15	
Red Maple	83	3,598	46	3,906	40	5,366	27	5,442	18	4,800	6	1,412	3	1,116	1	191	0	0	0	0	224	25,831	115	205	88	
Black Cherry	9	442	5	475	8	1,041	15	2,306	14	4,361	4	1,122	2	909	1	670	0	0	0	0	58	11,327	195	21	16	
American Beech	19	832	11	821	8	1,188	5	880	2	382	1	236	0	0	0	0	0	0	0	0	46	4,340	94	301	131	
American Basswood	2	79	3	185	3	453	2	343	1	276	0	0	1	244	0	0	1	817	0	0	13	2,396	184	3	1	
Sugar Maple	5	200	5	321	5	552	1	266	0	0	2	583	0	0	0	0	0	0	0	0	18	1,923	107	27	8	
Cucumbertree	0	0	2	200	0	0	1	302	1	292	1	546	0	0	0	0	0	0	0	0	5	1,340	268	0	0	
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	563	1	666	0	0	2	1,229	615	1	1	
Sweet Birch	4	153	3	229	2	133	1	86	2	408	0	0	0	0	0	0	0	0	0	0	12	1,009	84	10	3	
Yellow-poplar	0	0	0	0	0	0	1	173	0	0	1	407	0	0	0	0	0	0	0	0	2	581	290	1	0	
White Ash - dead	0	0	0	0	0	0	0	0	0	0	0	0	1	365	0	0	0	0	0	0	1	365	365	4	5	
Aspen	0	0	1	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	150	150	0	0	
American Beech - dead	0	0	1	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	83	83	28	22	
Sugar Maple - 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	
White 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	1	2	
Ironwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	
Black Cherry - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	
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	2	1	
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	2	0	
Total	126	5,498	85	7,078	72	9,810	79	15,102	69	18,697	43	14,546	38	15,856	26	12,866	29	17,445	26	18,550	593	135,448	228	625	294	

The Pennsylvania Game Commission SGL #331 - Half Log Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 35 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
Red Maple	124	5,696	117	10,827	106	16,310	69	15,457	25	6,848	16	5,837	6	2,810	1	324	1	912	0	0	465	65,021	140	252	108
N. Red Oak	3	162	1	79	10	1,452	16	3,346	25	7,194	20	7,553	25	11,284	14	7,694	9	5,419	5	2,966	128	47,150	368	7	9
Black Cherry	15	614	15	1,394	15	2,439	14	3,239	8	2,107	4	1,531	2	719	0	0	0	0	0	0	73	12,042	165	16	16
American Beech	21	1,025	18	1,607	13	1,665	7	1,257	4	690	0	0	0	0	0	0	0	0	0	0	63	6,245	99	230	100
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1,638	2	1,638	819	4	11
Sugar Maple	4	149	1	75	2	277	5	996	0	0	0	0	0	0	0	0	0	0	0	0	12	1,497	125	13	4
Sweet Birch	2	86	5	437	0	0	2	373	0	0	0	0	0	0	0	0	0	0	0	0	9	896	100	8	3
American Beech - dead	0	0	1	53	2	187	1	93	0	0	0	0	0	0	0	0	0	0	0	0	4	333	83	117	49
Red Maple - dead	0	0	1	79	0	0	1	194	0	0	0	0	0	0	0	0	0	0	0	0	2	273	136	19	9
American Basswood	0	0	0	0	1	188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	188	188	1	1
Cucumbertree	0	0	0	0	0	1	183	0	0	0	0	0	0	0	0	0	0	0	0	0	1	183	183	0	0
American Beech - dying	0	0	0	0	1	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	115	115	1	0
White Ash	0	0	0	0	1	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	106	106	0	0
Aspen	0	0	1	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	95	95	0	0
Black Cherry - dead	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	50	50	3	1
White Ash - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	26
American Basswood - 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	2
Yellow-poplar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Aspen - 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
Sugar 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	5	0
Total	169	7,732	161	14,697	151	22,739	116	25,139	62	16,840	40	14,920	33	14,813	15	8,018	10	6,332	7	4,604	764	135,833	178	698	342

The Pennsylvania Game Commission SGL #331 - Half Log Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

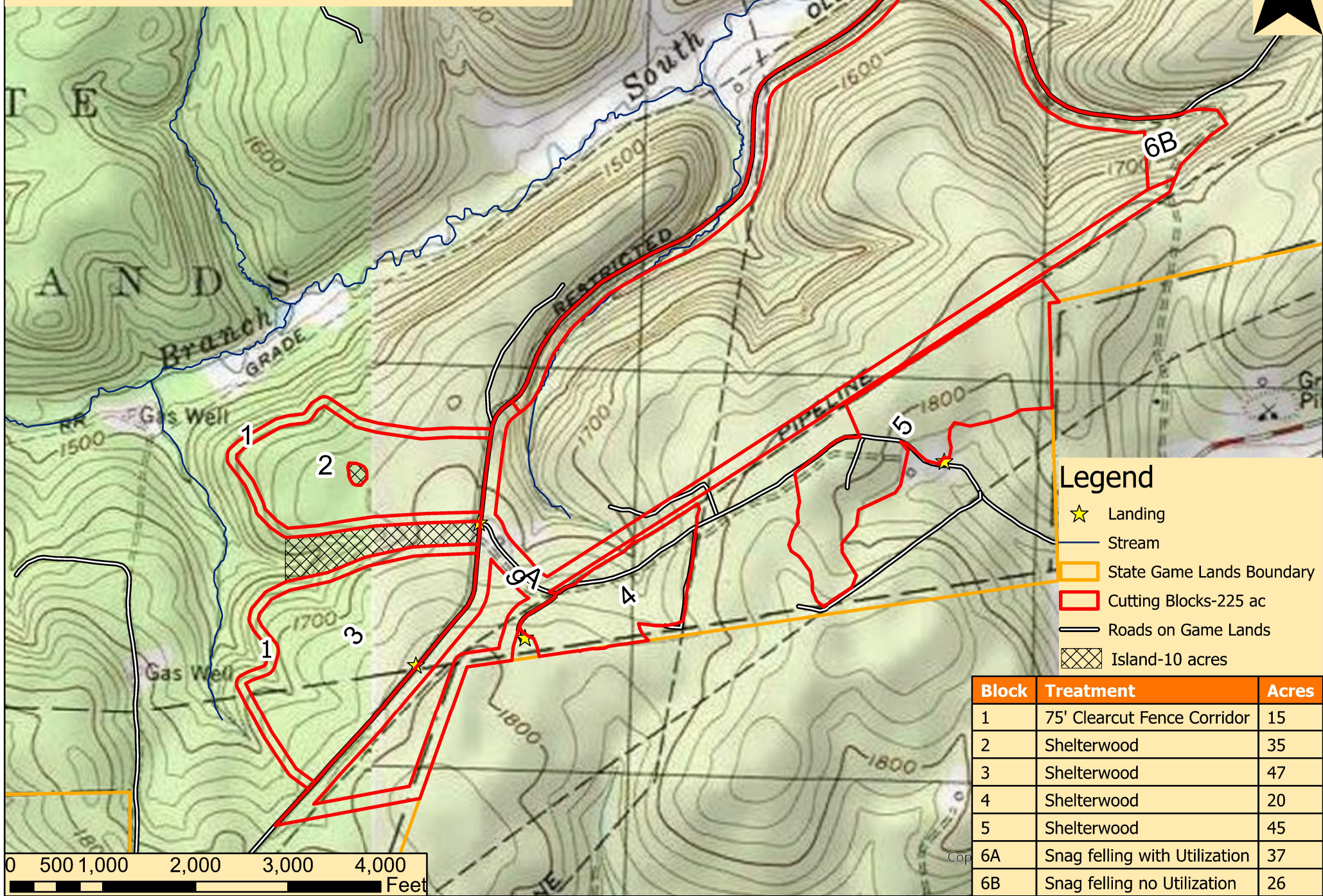
Block 5 - 45 acres

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	7	280	31	2,542	46	5,788	42	7,980	48	10,903	41	12,609	22	8,324	15	6,087	17	9,403	11	6,414	280	70,330	251	11	9
Red Maple	185	8,594	158	13,249	111	14,453	64	11,604	30	6,417	9	2,488	4	1,278	2	771	0	0	0	0	563	58,854	105	618	222
Black Cherry	56	2,452	74	5,163	67	7,330	42	6,849	23	4,429	9	2,272	5	1,528	1	563	0	0	0	0	277	30,586	110	151	108
Yellow-poplar	1	31	5	301	3	384	2	537	11	3,616	9	3,488	22	10,415	6	3,683	4	2,845	6	5,239	69	30,538	443	11	4
American Beech	38	1,620	15	1,130	12	1,320	4	575	4	616	0	0	0	0	0	0	0	0	0	0	73	5,260	72	325	117
Cucumbertree	3	116	6	622	2	309	3	550	1	292	3	947	1	445	0	0	0	0	0	0	19	3,282	173	7	4
American Basswood	2	97	4	331	2	229	0	0	0	0	1	276	0	0	0	0	0	0	0	0	9	932	104	4	2
Sweet Birch	8	287	4	224	3	239	1	139	0	0	0	0	0	0	0	0	0	0	0	0	16	890	56	26	7
Sugar Maple	3	153	2	175	1	171	1	266	0	0	0	0	0	0	0	0	0	0	0	0	7	766	109	57	15
White Oak	1	33	2	150	3	272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	455	76	1	0
Chestnut Oak	0	0	1	46	1	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	147	73	0	0
American Beech - dead	1	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	57	57	52	25
Black Cherry - dead	1	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	34	34	3	1
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	6	3
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	2	3
Aspen - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
White 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	2	1
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	1	0
Total	306	13,754	302	23,934	251	30,595	159	28,501	117	26,272	72	22,080	54	21,990	24	11,104	21	12,248	17	11,653	1,323	202,131	153	1,279	522

The Pennsylvania Game Commission SGL #331 - Half Log Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block 6 - 63 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 - dying	1	51	1	100	0	0	1	183	0	0	0	0	0	0	0	0	0	0	0	0	0	3	335	112	1	1
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	1	308	0	0	0	0	0	0	0	0	0	1	308	308	25	54
American Beech - dying	1	57	1	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	140	70	14	24
Red Maple - dead	0	0	1	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	106	106	22	11
Sweet Birch	0	0	1	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	77	77	0	0
N. Red Oak - dying	1	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	54	54	0	0
White Ash - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	111
American Beech - 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	106	123
Black Cherry - 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	17	10
Yellow-poplar - 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	3	8
Cucumbertree - 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	6	6
White 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	11	5
Red Maple - 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	4	3
Black Cherry - 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	2	2
Pin Cherry - 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	13	2
Sugar 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	1	1
Eastern Hemlock - 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	3	1
White Ash - 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	1	1
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	0	1	0
Yellow-poplar - 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	1	0
Pin Cherry - 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	1	0
Aspen - 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	2	0
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	0	1	0
Pitch Pine - 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	1	0
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	0	1	0
Serviceberry - 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	1	0
Total	3	162	4	366			1	183			1	308									9	1,019	113	294	364	

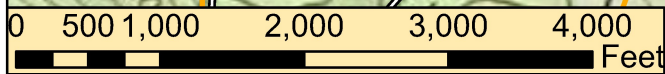
Half Log Cutting Block Map
 SGL 331, Clearfield County PA
 235 acres



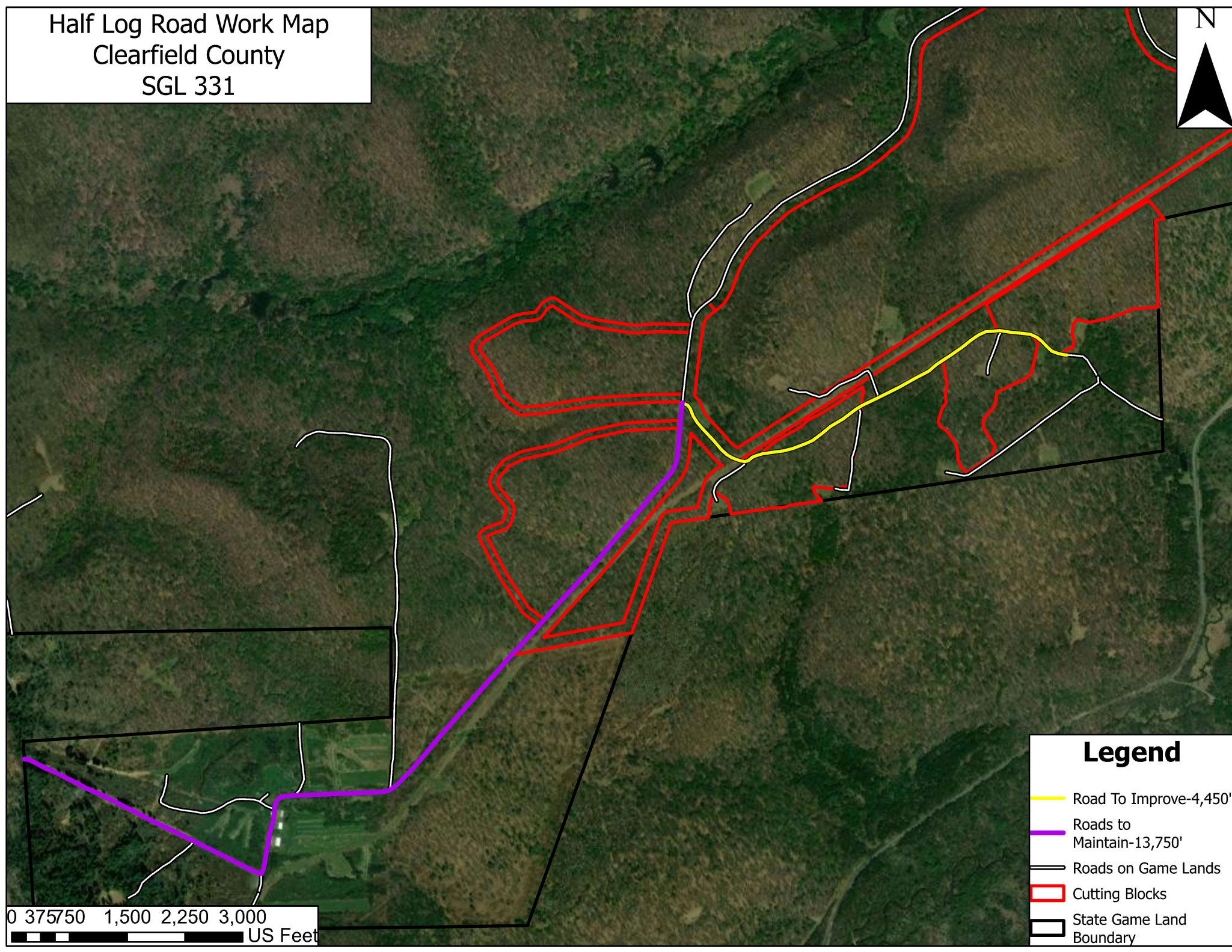
Legend

- ★ Landing
- Stream
- State Game Lands Boundary
- Cutting Blocks-225 ac
- Roads on Game Lands
- ▣ Island-10 acres

Block	Treatment	Acres
1	75' Clearcut Fence Corridor	15
2	Shelterwood	35
3	Shelterwood	47
4	Shelterwood	20
5	Shelterwood	45
6A	Snag felling with Utilization	37
6B	Snag felling no Utilization	26



Half Log Road Work Map
Clearfield County
SGL 331

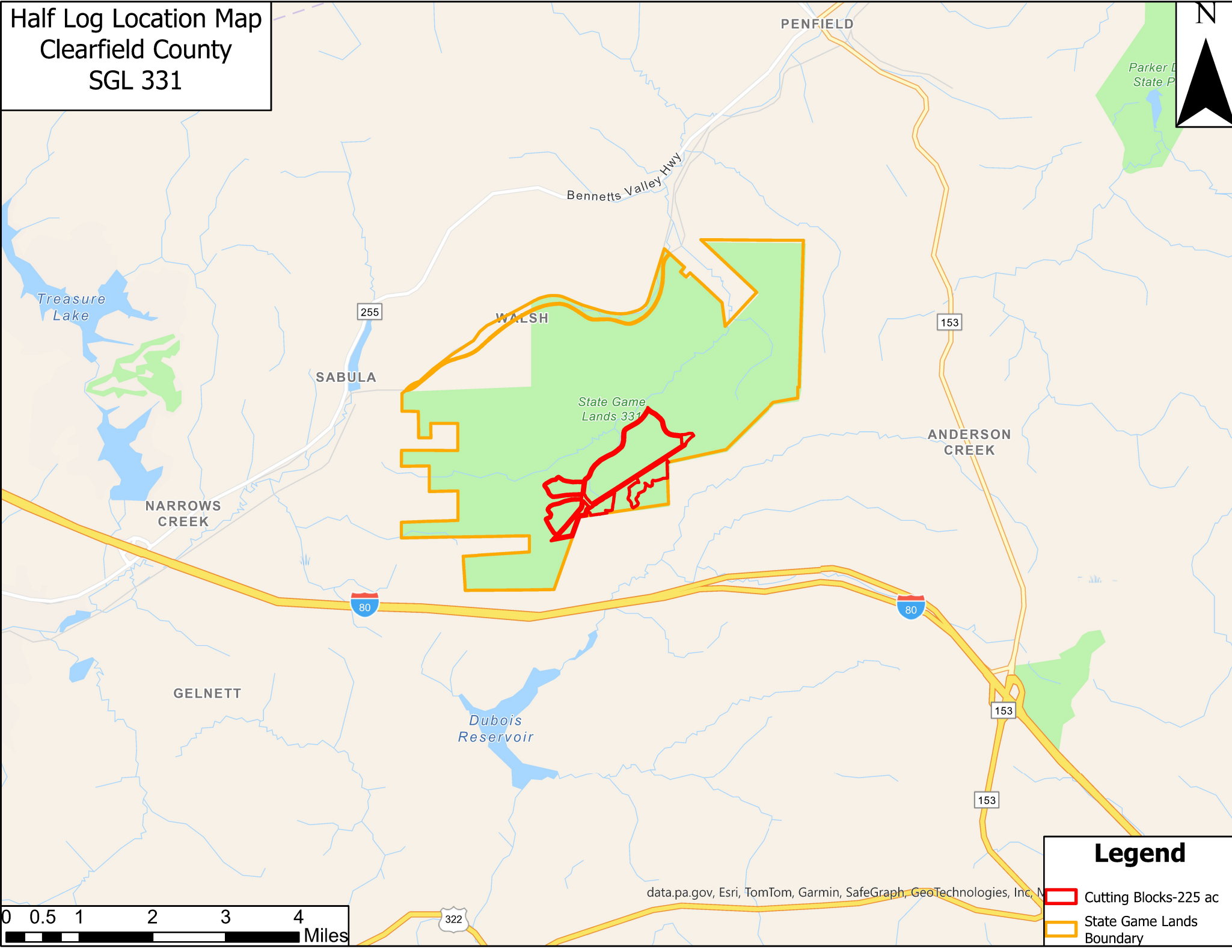


Legend



-  Road To Improve-4,450'
-  Roads to Maintain-13,750'
-  Roads on Game Lands
-  Cutting Blocks
-  State Game Land Boundary

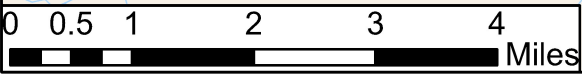
0 375 750 1,500 2,250 3,000
US Feet

Half Log Location Map
Clearfield County
SGL 331



Legend

-  Cutting Blocks-225 ac
-  State Game Lands Boundary



data.pa.gov, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc. N