

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 **218,140 board feet of sawlogs and 1956 tons of pulpwood** located on **86 acres** of State Game Lands No. 033, Rush Township, Centre 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 **\$15,000.00** 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 #033**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, November 18, 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 #:033
SALE: 033-2024-02
NAME: Horse Hollow

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated **218,140 board feet of sawlogs and 1956 tons of pulpwood** located on **86 acres** of State Game Lands No. 033, Rush Township, Centre 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 **October 28, 2024**. Viewers will be met at **3512 Port Matilda Hwy., Philipsburg, PA 16866** 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 #033**. 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, November 18, 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 **\$15,000.00** 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 **2** cutting blocks. Payment may be made by:

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

- 1 – 62% - 53 acres
- 2 – 38% - 28 acres

Payment for Block 2 (38% 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 HORSE HOLLOW HABITAT IMPROVEMENT PROJECT

S.G.L. # 033 Sale # 033-2024-02

1) ADMINISTRATIVE ITEMS

- a) PA One Call must be contacted by operator prior to the start of operations
- b) This 86-acre sale area contains 2 harvest blocks.
- c) **Payment for Block 2 (38% 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 in all blocks. Pulpwood volumes were determined using a 10 BAF prism plot cruise in all blocks.
- e) **No permanent paint may be used by bidders for marking/cruising this timber sale area.**
- f) **Whole tree harvesting is prohibited in ALL blocks.**
- g) **Tree length skidding is prohibited in ALL blocks.**
- h) Buyer must provide a lock for use on game land gates, which is located where the haul road intersects Sandy Ridge Trail. The keys or combinations must be provided to PGC Regional Forester. The gate on this road must remain closed at all times and must be locked when the operator is not onsite, unless instructed otherwise.

2) BOUNDARIES, BLOCKS, AND CUTTING INSTRUCTIONS

- a) Whole tree harvesting is prohibited.
- b) Top-wood up to 4 inches DBH is reserved in all blocks and tree length skidding is also prohibited in all blocks.
- c) Potential landing locations are marked on the attached map. Landing locations and sizes will be determined through consultation between the successful bidder and the Regional Forester. Trees to be cut for landings will be tallied at that time.
- d) Timber sale boundaries are marked by a double blue stripe. A triple blue stripe represents a sharp turn in the block boundary. Blue "I's" indicates an island and harvesting/skidding is prohibited. No trees marked with blue are to be cut and no trees are to be felled across block boundaries.
- e) Trees marked with orange L's represent the perimeter of the log landing. These trees are not to be cut.
- f) In **block 1**, reserve trees are marked with red paint and are not to be cut. All trees that are not marked with red paint are to be cut.
- g) In **block 1**, a **new haul road** will need to be constructed to access the log landing. The centerline of the roadway will be marked with yellow "R's" and any tree within 12 feet of the centerline will be cut. No trees with red paint will be cut.
- h) In **block 2**, reserve trees are marked with red paint and are not to be cut. All trees that are not marked with red paint are to be cut.

- i) A deer fence is scheduled to be installed around the perimeter of **block 1** and **block 2**. The centerlines of this future deer fence are marked with orange flag. In addition, a map depicting the fence line perimeters will be provided. Slash and tops must be cleared a minimum of 50' from the centerline of these future fences.
- j) The fence corridor around the perimeter of both **block 1** and **block 2** is getting cut much more aggressively than the rest of the acreage within these blocks. This fence corridor will create an approximate 100' wide clearcut swath, where the fence is scheduled to be installed in the near future. This area of **block 1** and **block 2** must be cut and skid prior to any other areas in this project.
- k) If the new deer fence is installed around the perimeter of **block 1** and **block 2** prior to work being completely finished on this project, extra caution will need to be taken when working near this fence to prevent damage. Any damage to the fence in **block 1** and **block 2** must be repaired. All repairs to fences must be inspected and approved by the Regional Forester or designee on the ground.
- l) In all blocks, any reserved trees that are felled for safety reasons must be left at the stump. Stump height will not exceed the diameter of the tree or 12" maximum.
- m) Slash and tops must be cleared 100' from the edge of block boundaries.
- n) Slash and tops must be cleared 20' from the edge of all roads. Excessive slash must be kept at least 10' from the base of oak reserve trees.
- o) Game land boundary, roads, herbaceous openings, and spring runs are to be kept free of tops.
- p) Trees that are to be cut within the block are not to be placed over the blue block boundary.
- q) Cull portions of the tree are to be left at the stump. Logs and pulpwood are to be cut to length in the woods to minimize short ends and top debris at the landings.
- r) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.

3) US / STATE / LOCAL ROADS

- a) Contractor will be responsible for all permits and bonds on both state and township roads.

4) GAME LAND ROAD

a) **PGC Roads to Maintain**

1. All haul roads used by the operator will be suitably drained and crowned (2-6% slope) with a road grader or dozer with a 6-way blade at the conclusion of the sale or if roads are in poor condition and/or the sale is going to be left idle for any length of time. All existing culverts must be cleaned if needed at the end of the sale.
2. 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.
3. The primary roads to access blocks 1 and 2 used for hauling **MUST** be returned to their pre-sale conditions.

b) PGC Roads to Build

1. A haul road of approximately 600 feet will need to be constructed (**SEGMENT C TO PL**) to access the landing location for the sale. The centerline of this roadway is marked with yellow "R's" and any tree within 12 feet of centerline will be cut. No trees marked with red paint will be cut. Stone can be dug onsite, and a suitable stone location will be determined.
 - i. **110 tons of sub-base** will be applied in areas of roadway determined by the regional forester or designee on the ground.
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, 600' of new road to be constructed, must be seeded, mulched, and fertilized in accordance with the seeding guidelines in **Section 7** of this contract.
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.
6. Tail drains and turnouts will be added or cleaned at the discretion of the regional forester.
7. Ditches and other drainage structures will be opened and re-established where needed at the discretion of the regional forester.

c) PGC Roads to Improve

1. The southern portion of road segment **A to B** is in rough condition. Prior to hauling, a road grader or dozer must be used to grade the first 1,700' of road from waypoint A going towards waypoint B. The grading must reestablish the road crown and roadside ditches. Tail ditches must also be reestablished to get water away from the road. Apply **44 tons of 3A limestone** to fix any soft spots that develop on road segment **A to B**. Following the application, the stone will be rolled with a 10-ton vibrating roller. If necessary, this stone may be applied prior to the conclusion of hauling. The location and timing of the stone placement must be approved by the Regional Forester or designee on the ground. This is a minimum and more stone may be required should site conditions dictate.
2. Road segment **B to C** is a 4330' section of haul road that leads from PGC Road to the new constructed road leading to proposed log landing. Prior to hauling, this section of the road will need to be completed. The contractor will place **110 tons of sub-base** to areas of roadway determined by the regional forester or designee on the ground. Following application, the stone will be rolled with a 10 ton vibrating roller. This is a minimum and more stone may be required should site conditions dictate.

3. All roadwork, as specified above, must be approved by the regional forester. Stone Requirements – all values are estimates and 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. Existing Haul Roads – 5,122 feet; 44 tons of 3A modified limestone and 110 tons of sub-base.

STONE TOTALS FOR ALL ROAD WORK

3A Modified limestone	44 tons
Approved sub-base	220 tons

5) LANDINGS

- a) There will be one new landing to construct. The proposed landing (PL) location is shown on the sale map. There will be added grading and seeding expenses if additional landings are used. Only designated landings are to be used, unless approved by the Regional Forester or designee on the ground. The perimeter of new landing is marked with orange L's. These trees are not to be cut. All trees located inside this perimeter must be removed.
- 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) Upon completion of the sale, landings are to be cleared of stumps, slash, and debris, leveled, and seeded according to specifications outlined in Section 7 below.

6) SKIDDING

- a) Primary skid trail locations will be determined by the forester-in-charge and contractor. Other existing trails used for skidding must be left open and level. Main skid trails and previously existing trails are to be opened, leveled, seeded, and have water bars added at the conclusion of the sale. Final condition of skid trails will be left to the discretion of the Regional Forester or designee on the ground.
- b) A skid trail crossing, that will require timber mats, has been designated by the regional forester. This crossing is shown on the attached map. This will be the only designated area to skid and/or operate from block 2 to the log landing in block 1.
- c) All main skid trails and any sections of skid trail with a high potential for erosion problems must be seeded according to specifications outlined in Section 7 below. Seeding of skid trails will be directed by the Regional Forester or designee on the ground.
- d) Skidders are to be kept off haul roads unless approved by Regional Forester or designee on the ground. If skidding on haul roads is necessary, grading and seeding will be required on these roads as well, if not already specified in section 4.
- e) Wet areas should be avoided when skidding. No skidding across small drainages will be permitted without the use of temporary bridges. Any treetops which are felled into small wet areas should be left in the water rather than pulled out.

- f) No skidding is permitted outside any of the sale boundaries unless first approved by the Regional Forester or designee on the ground.
- g) Water bars will need to be added to skid trails that sit idle for one month or more.

7) SEEDING

- a) Upon completion of the sale, approximately **3 acres** of haul roads, landings, and main skid trails are to be graded, cleared of rocks and debris, and seeded according to the following per acre rates:

<u>Skid Trails and Haul Roads - 2 acres</u>		<u>Total</u>
LBS/acre		
100 LBS OATS OR WHEAT (SEASONAL)		200 lbs.
<u>Landing - 1 acres</u>		
LBS/Acre		
100 LBS OATS OR WHEAT (SEASONAL)		100 lbs.
300 LBS. 10-20-20 FERTILIZER		300 lbs.
2 TONS LIME		2 tons
1.25 TONS/50 BALES STRAW MULCH		1.25 tons/50 bales

SEEDING DATES

Spring – March 15th to June 1st
 Fall – August 15th to October 1st

- b) In addition to the above listed roads, landings, food plots, and main skid trails, any additional road disturbance or sections of skid trail with a high potential for erosion will also need to be seeded as directed by the Regional Forester or designee on the ground and in accordance with the specifications outlined in this section.
- c) The Regional Forester is to be notified prior to the application of seed.
- d) Guaranteed catch of cover must be obtained to the satisfaction of the Regional Forester 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 (SPRING BREAK-UP DATES) 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) **Successful bidder is to contact PA One Call (1-800-242-1776) prior to construction of landings, haul roads, skid trails, or other earth moving activity to identify and locate underground utility lines.**
- c) Violation of contract provisions by the operator may subject the operator or its employees or contractors to fine based on Title 58 regulations.
- d) Be advised that the Timber Rattlesnake is a state protected species and is not to be harmed. Killing of Timber Rattlesnakes without a proper permit is prohibited by the Commission pursuant to 58 Pa. Code Section 79.6.
- e) Operator will supply all employees working on the site with a map and copy of the sale provisions.
- f) Operator is to use gated gameland access roads for logging purposes only.
- g) Except for seasonally opened gates, PGC gates are to be kept closed at all times, except when active hauling is occurring, and the contractor is present on the site. Repeated failure to close gates will be penalized.

10) 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.

11) FORESTER CONTACT INFORMATION

Forester	Regional Forester	Assistant Regional Forester
Kirk Miller	Gary Glick	Travis McNichol
(570) 660-9414	(570) 398-4744 Ext. 30310	(814) 342-0629

Please feel free to call with any questions or concerns.

12) 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 HORSE HOLLOW

Sale Name:	HORSE HOLLOW	SGL Number:	33
Forester:	KIRK MILLER	Report Date:	09/24/2024
Blocks Numbers in Sale:	1,2	Acres:	81.3
County:	Centre	Township:	RUSH

The Pennsylvania Game Commission SGL #33 - HORSE HOLLOW 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	53	65%	Clearcut with Reserves	100% Tally	135,828	2,562	62%	BAF 10 Plot	1,128	21	58%	3,645	0	0
2	28	35%	Clearcut with Reserves	100% Tally	82,313	2,908	38%	BAF 10 Plot	828	29	42%	1,853	0	1
Total	81	100%			218,140		100%		1,956	24	100%	5,498		1

Pulpwood was sampled in block(s) 1, 2 with a precision of +/- 18.8% (90% C.I.)

The Pennsylvania Game Commission SGL #33 - HORSE HOLLOW Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 81 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 - dead	266	10,948	330	26,414	281	35,422	251	42,511	127	26,918	55	13,269	29	7,606	16	5,665	8	3,481	1	896	1,364	173,129	127	1,343	588	
Black Oak - dead	130	5,183	116	8,085	61	6,901	34	4,769	12	2,482	6	1,435	1	258	1	307	0	0	0	0	361	29,421	81	431	171	
White Oak - dead	76	2,922	33	2,400	13	1,334	8	1,177	3	517	1	292	1	154	1	307	0	0	0	0	136	9,102	67	401	110	
Chestnut Oak - dead	35	1,308	32	2,193	5	424	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	3,925	55	1,054	326	
Red Maple - dead	6	265	8	545	3	324	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	1,133	67	3,223	667	
Red Maple	4	138	6	389	1	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	595	54	241	58	
Hickories - dead	4	141	3	185	2	229	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	554	62	0	0	
Scarlet Oak - dead	0	0	0	0	0	0	0	0	1	168	0	0	0	0	0	0	0	0	0	0	1	168	168	0	0	
Black Cherry - dead	0	0	0	0	1	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	68	68	0	0	
Sassafras - dead	0	0	1	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	45	45	58	18	
Black Gum - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	154	18	
Total	521	20,905	529	40,255	367	44,771	293	48,457	143	30,084	62	14,995	31	8,018	18	6,278	8	3,481	1	896	1,973	218,140	111	6,904	1,956	

**The Pennsylvania Game Commission
SGL #33 - HORSE HOLLOW Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 1 - 53 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 - dead	178	7,335	193	15,589	171	21,984	145	25,192	74	16,163	29	6,802	14	3,880	6	2,314	3	1,139	0	0	813	100,397	123	401	204	
Black Oak - dead	115	4,639	105	7,423	57	6,456	28	4,011	10	2,018	5	1,222	1	258	1	307	0	0	0	0	322	26,333	82	386	149	
White Oak - dead	50	1,945	19	1,358	9	962	4	587	3	517	1	292	1	154	0	0	0	0	0	0	87	5,814	67	401	110	
Chestnut Oak - dead	19	711	16	1,135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	1,846	53	540	163	
Red Maple - dead	6	265	4	259	1	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	633	58	2,156	472	
Hickories - dead	4	141	3	185	2	229	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	554	62	0	0	
Red Maple	3	103	1	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	183	46	22	15	
Black Cherry - dead	0	0	0	0	1	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	68	68	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	32	7	
Black Gum - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	7	
Total	375	15,138	341	26,029	241	29,808	177	29,789	87	18,698	35	8,316	16	4,291	7	2,621	3	1,139			1,282	135,828	106	3,990	1,128	

**The Pennsylvania Game Commission
SGL #33 - HORSE HOLLOW Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

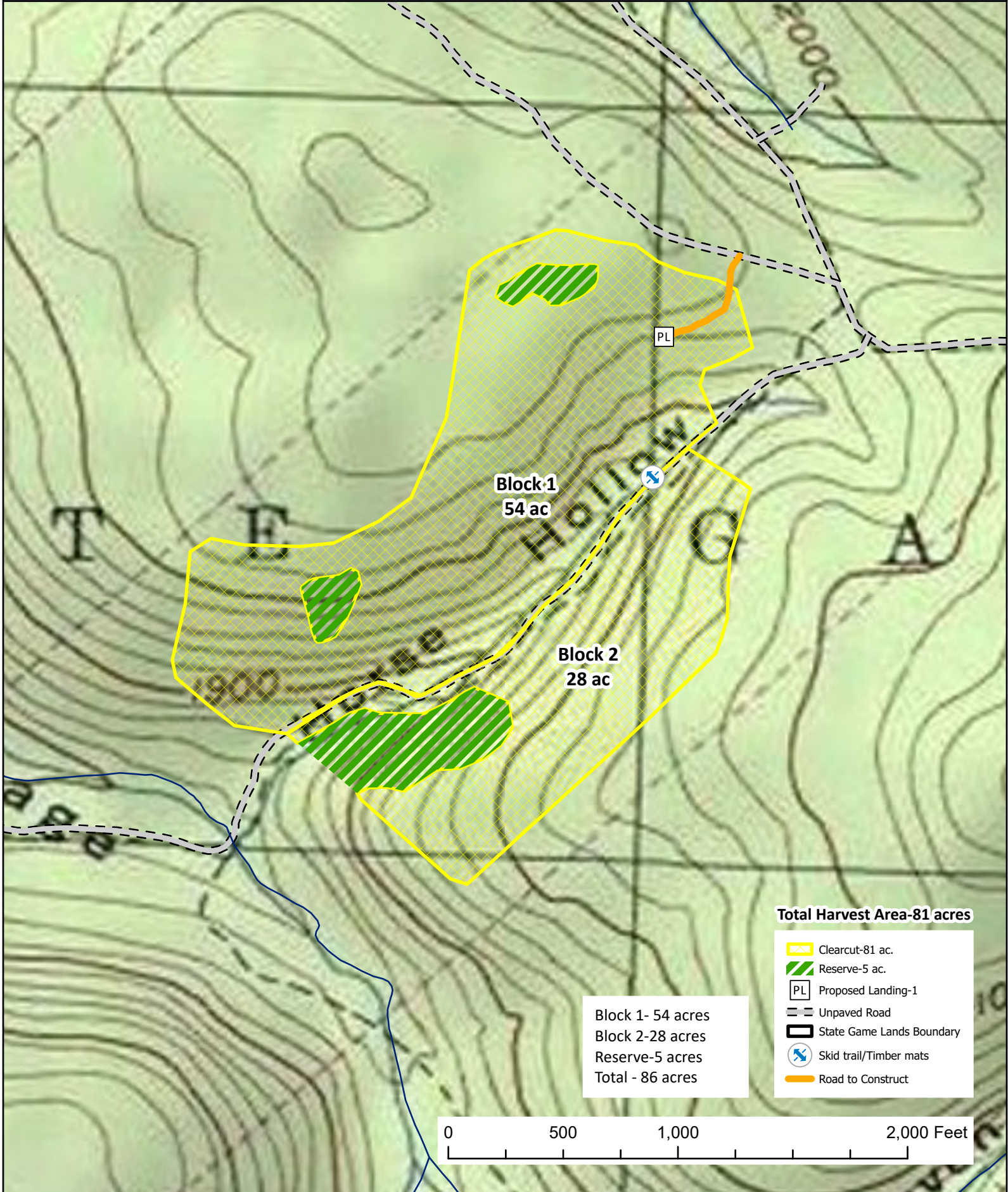
Block 2 - 28 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees
N. Red Oak - dead	88	3,613	137	10,825	110	13,438	106	17,319	53	10,755	26	6,467	15	3,727	10	3,351	5	2,342	1	896	551	72,733	132	941	384	
White Oak - dead	26	977	14	1,042	4	372	4	591	0	0	0	0	0	0	1	307	0	0	0	0	49	3,288	67	0	0	
Black Oak - dead	15	545	11	662	4	445	6	759	2	464	1	213	0	0	0	0	0	0	0	0	39	3,087	79	45	22	
Chestnut Oak - dead	16	597	16	1,058	5	424	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	2,079	56	514	163	
Red Maple - dead	0	0	4	285	2	215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	500	83	1,067	195	
Red Maple	1	34	5	310	1	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	412	59	219	43	
Scarlet Oak - dead	0	0	0	0	0	0	0	0	1	168	0	0	0	0	0	0	0	0	0	0	1	168	168	0	0	
Sassafras - dead	0	0	1	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	45	45	26	10	
Black Gum - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	11	
Total	146	5,767	188	14,226	126	14,962	116	18,669	56	11,386	27	6,679	15	3,727	11	3,658	5	2,342	1	896	691	82,313	119	2,914	828	



Horse Hollow Habitat Improvement Project

033-2024-02

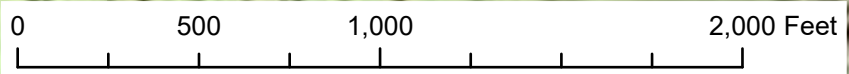
State Game Land 033, Centre County, Rush Township



Total Harvest Area-81 acres

- Clearcut-81 ac.
- Reserve-5 ac.
- Proposed Landing-1
- Unpaved Road
- State Game Lands Boundary
- Skid trail/Timber mats
- Road to Construct

Block 1- 54 acres
 Block 2-28 acres
 Reserve-5 acres
 Total - 86 acres

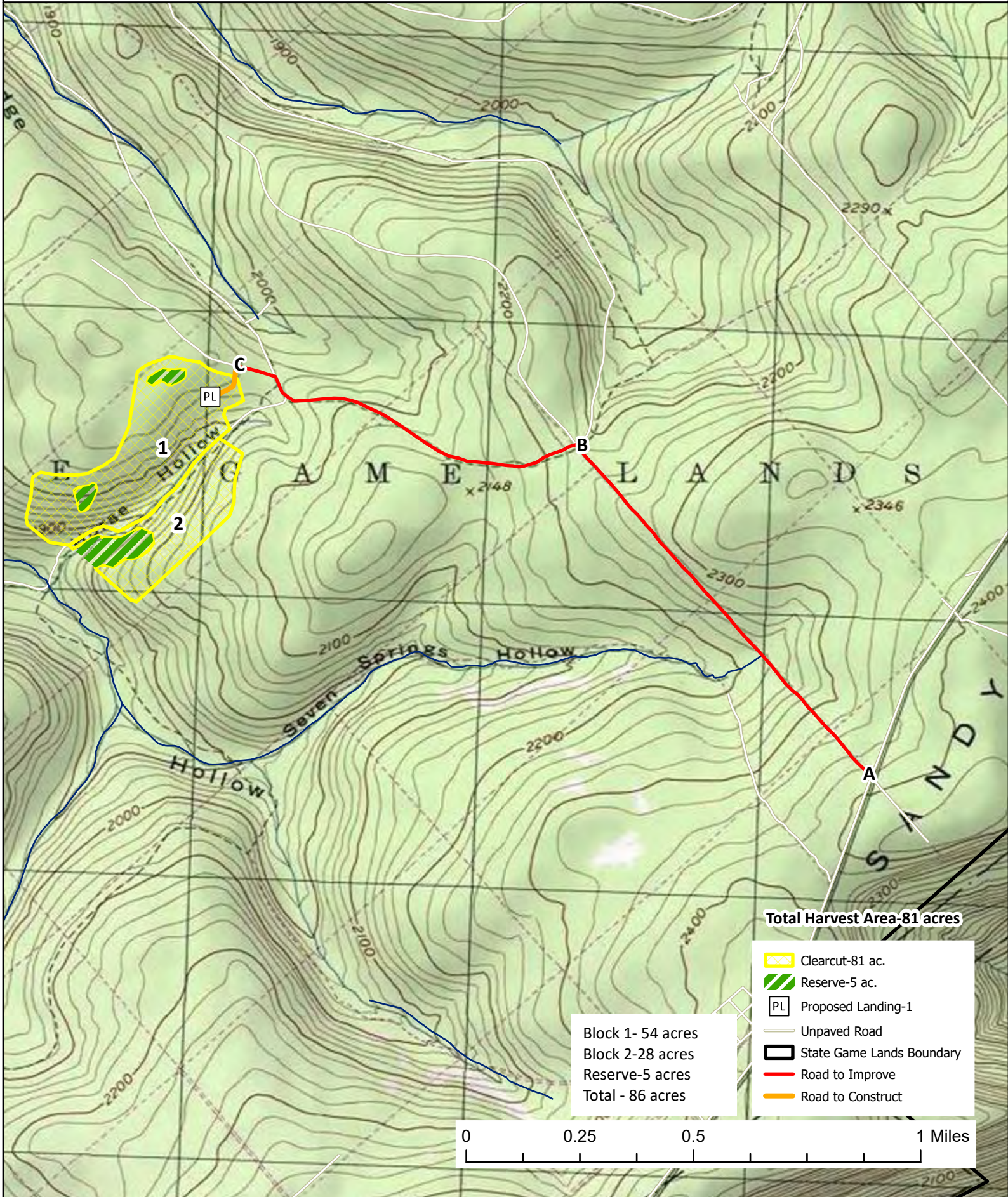




Horse Hollow Infrastructure Map

033-2024-02

State Game Land 033, Centre County, Rush Township

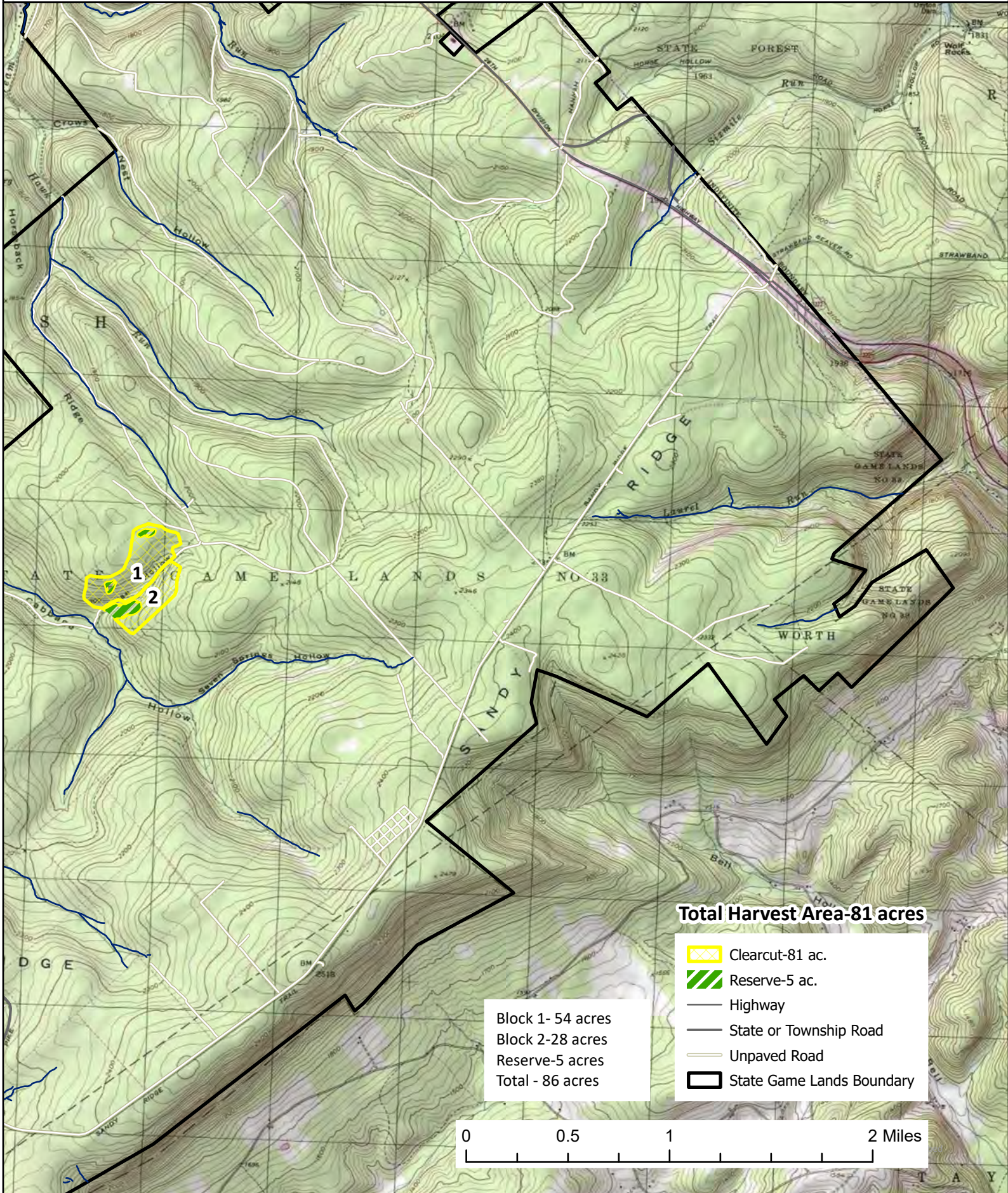




Horse Hollow Location Map

033-2024-02

State Game Land 033, Centre County, Rush Township



Total Harvest Area-81 acres

Clearcut-81 ac.

Reserve-5 ac.

Highway

State or Township Road

Unpaved Road

State Game Lands Boundary

Block 1- 54 acres

Block 2-28 acres

Reserve-5 acres

Total - 86 acres

