

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 **129,290 board feet of sawlogs and 9,355 tons of pulpwood** located on **785 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 **October 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, September 23, 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: 033-2023-01
NAME: Nomex

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated **129,290 board feet of sawlogs and 9,355 tons of pulpwood** located on **785 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 **Aug 30, 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, September 23, 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 **October 15, 2027.**

- PAYMENTS -

The sale is divided into 7 cutting blocks. Payment may be made by:

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

- 1 – 3% - 84 acres
- 2 – 2% - 30 acres
- 3 – 4% - 47 acres
- 4 – 37% - 101 acres
- 5 – 1% - 84 acres
- 6 – 3% - 108 acres
- 7 – 50% - 63 acres

Payment for Block 4 (37% 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 NOMEX WILDLIFE HABITAT IMPROVEMENT PROJECT

S.G.L. # 033 Sale # 033-2023-01

1) ADMINISTRATIVE ITEMS

- a) PA One Call must be contacted by operator prior to the start of operations
- b) **No permanent paint may be used by bidders for marking/cruising this timber sale area.**
- c) Buyer must provide two locks for use on game land gates, which are located where the two haul roads intersect Sandy Ridge Trail. The keys or combinations must be provided to PGC Regional Forester. The gates on these roads 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) Chipping is permitted in all blocks.
- b) Whole tree harvesting is required in **blocks 1, 2, 3, 5, 6**.
- c) Whole tree harvesting is not permitted in **blocks 4 and 7** and top wood up to 4" DBH is reserved in these two blocks.
- d) Timber sale boundaries are marked by blue stripes, except for places where the road or food plot is the block boundary. A triple blue stripe represents a sharp turn in the block boundary. No trees marked with blue are to be cut and no trees are to be felled across block boundary.
- e) The perimeter of a past mowing project was marked with orange paint. This old, faded orange paint is to be ignored. In **blocks 2, 3, 5, 6**, the trees marked with orange L's represent the perimeter of the log landings and are not to be cut.
- f) The trees located on the designated skid trails in **blocks 6 and 7** are marked with orange paint. All trees marked with orange dots in these two blocks are to be cut.
- g) The perimeter of each individual group opening in **block 7** is marked with blue paint. All trees marked with yellow paint that are located inside these group openings are to be cut. All trees 2"-6" DBH inside the group openings must also be cut, regardless of whether they are painted yellow, excluding conifers. No other trees are to be cut in this block, other than the trees marked with orange paint for the designated skid trails.
- h) In **blocks 1, 2, 3, 5, 6** all trees marked with yellow paint must be cut. All trees 2"-6" DBH must also be cut, regardless of whether they are painted yellow, excluding conifers. No other trees are to be cut in these blocks.
- i) In **block 4**, reserve trees are marked with red paint and are not to be cut. All trees down to 2" DBH that are not marked with red paint are to be cut.
- j) All conifers in all blocks are reserved and are not to be cut.
- f) Slash and tops must be cleared 20' from the edge of all roads.
- k) 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.

- l) Game land boundary, roads, herbaceous openings, and spring runs are to be kept free of tops.
- m) Trees that are to be cut within the block are not to be placed over the blue block boundary.
- n) 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 at the landings.
- o) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.

3) US / STATE / LOCAL ROADS

- a) The contractor is responsible for all permits and bonds on both state and township roads.
- b) All vehicle traffic must enter and exit the project via the northern end of Sandy Ridge Trail, where Sandy Ridge Trail intersects U.S. Route 322.

4) GAME LAND ROADS TO IMPROVE

Prior to hauling

1. Road segment **B to F** is a section of haul road/food plot that will need to be prepared to improve access to the eastern landing in **block 6**. This section of haul road will lead from Sandy Ridge Trail, through a food plot, to the landing location at the back corner of the food plot. A road grader or dozer must be used to grade the topsoil off the running surface on a 350' stretch of food plot that is going to be used as a haul road. This section of road is then to receive 44 tons of approved AASHTO #3 sandstone or limestone to firm up the road base.
2. Road segment **D to G** is a 100' section of haul road that leads from Sandy Ridge Trail to the landing in **block 2**. A road grader or dozer must be used to widen this road to 15' and to add tail ditches where necessary. This section of road is then to receive 22 tons of approved AASHTO #3 sandstone or limestone to firm up the road base.
3. The southern portion of road segment **A to H** 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 H. The grading must reestablish the road crown and roadside ditches. Tail ditches must also be reestablished to get water away from the road.

At conclusion of hauling

1. Any sections of game land road that show signs of wear due to activities related to this project must be graded and crowned with a road grader to drain all water into ditches and culverts. These sections of road must then be stone raked and roadside ditches and tail ditches must be re-established where needed. This includes up to 24,100 feet of existing road. Final condition of game land roads will be determined by the Regional Forester or designee on the ground.
2. Apply 66 tons of 3A limestone to fix any soft spots that develop on road segments **A to H** and **C to I**. 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.
3. Use a dozer or road grader to replace and grade the topsoil back over road segment **B to F**.
4. Any logging debris or rocks located in grassy areas along the road or on food plots must be removed.

Detailed Road Construction and Improvements by Road Segment

1. "Segment A to H" shall require the following:

Prior to hauling

- a. Grade the first 1,700' of road from waypoint A going towards waypoint H to reestablish the road crown, roadside ditches, and tail ditches.

2. "Segment A to H and C to I" shall require the following:

During or at conclusion hauling

- a. Apply 66 tons of 3A limestone to fix any soft spots that develop on the haul road.

3. "Segment D to G" shall require the following:

Prior to hauling

- a. Grade, widen, and add tail ditches where necessary to 100' feet of existing road.
- b. Supply a spread 22 tons of AASHTO #3 sandstone or limestone to help firm up the road base.

4. "Segment B to F" shall require the following:

Prior to hauling

- a. Grade off topsoil from running surface on 350' of food plot/haul road.
- b. Supply and spread 44 tons of AASHTO #3 sandstone or limestone to help firm up the road base.

At conclusion of hauling

- a. Replace and grade the topsoil that was previously removed back over the 350' section of haul road.

5. "Segment A to E, A to H, and C to I" shall require the following:

At conclusion of hauling

- a. Crown, ditch, stone rake, and reestablish tail ditches on up to 24,100 feet of road in areas that wear has occurred as a result of activities related to this project.

STONE TOTALS FOR ROAD WORK IN ALL SEGMENTS

AASHTO #3 sandstone or limestone	66 tons
3A limestone	66 tons

5) LANDINGS

- a) There are four new landings to construct and two existing landings. Landing locations are shown on the sale map. Additional landings and alternate locations will be considered upon request.

There will be added grading and seeding expenses if additional landings are used. Only landings approved by the Regional Forester or designee on the ground are to be used.

- 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, all landings are to be cleared of stumps, slash, and debris, leveled, and seeded according to specifications outlined in Section 7 below. The stumps, slash, and chips that are to be removed from the landings need to be placed at a location to keep fire from reaching them during future prescribed burns. The final location of the debris will be determined by the Regional Forester or designee on the ground.
- d) Debris from the chipper and leftover chips must be trucked off-site or piled on-site to a depth of approximately 6', at a location specified by the Regional Forester or designee on the ground. A dozer line will need to be created around any landing debris that remains within the burn unit in **blocks 1, 2, 3, 5, 6**.

Totals for this Section:

New Landings:	4
Existing Landings:	2

6) SKIDDING

- a) Skid trails will be designated by the Regional Forester. Existing trails are to be used for skidding and must be left open. 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) In **block 7**, the designated skid trails are marked with yellow paint. No other skid trails are to be used in this block. In **block 7**, the trees that are cut in the group openings must be skid to the nearest designated skid trail. There are also designated skid trails cutting through the reserve area in the middle of **block 6**. These skid trails are also marked with yellow paint.
- 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. The seeding of skid trails will be at the discretion of 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, 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 **24 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:

Skid Trails 14 acres

Total

LBS/acre

100 LBS OATS OR WHEAT/CEREAL RYE (SEASONAL)

1,400 lbs.

Roads 4 acres

LBS/Acre

100 LBS OATS OR WHEAT/CEREAL RYE (SEASONAL)

400 lbs.

Landings, Food Plot 6 acres

LBS/Acre

5 LBS. CRIMSON CLOVER - Inoculated Seed

30 lbs.

5 LBS. LADINO OR WHITE CLOVER - Inoculated Seed

30 lbs.

100 LBS OATS OR WHEAT/CEREAL RYE (SEASONAL)

600 lbs.

300 LBS. 10-20-20 FERTILIZER

1,800 lbs.

4 TONS LIME

24 tons

1.25 TONS/50 BALES STRAW MULCH

7.5 tons/300 bales

SEEDING DATES:

Spring - March 15th to June 1st

Fall - August 15th to October 1st

- b) In addition to the above listed roads, landings, 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 to the specifications outlined in this section.
- c) The Regional Forester or designee 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 that are 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.

- a) **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.**

- b) **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.**
- c) ***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
Kirk Miller

Regional Forester
Gary Glick

Assistant Regional Forester
Travis McNichol

(570) 317-6185

(570) 398-4744 Ext. 30310

(814) 227-5581

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 Nomex

Sale Name:	Nomex	SGL Number:	33
Forester:	Miller	Report Date:	05/29/2024
Blocks Numbers in Sale:	1,2,3,4,5,6,7	Acres:	657.9
County:	Centre	Township:	RUSH

The Pennsylvania Game Commission SGL #33 - Nomex 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	129	20%	Thinning	100% Tally	4,342	34	3%	BAF 10 Plot	1,798	14	19%	8,268	0	0
2	89	14%	Thinning	100% Tally	2,540	28	2%	BAF 10 Plot	1,220	14	13%	1,537	0	1
3	80	12%	Thinning	BAF 10 Plot	5,454	68	4%	BAF 10 Plot	937	12	10%	72,894	0	0
4	40	6%	Clearcut with Reserves	100% Tally	47,199	1,187	37%	BAF 10 Plot	914	23	10%	4,389	0	0
5	94	14%	Thinning	100% Tally	1,122	12	1%	BAF 10 Plot	1,477	16	16%	1,716	0	0
6	162	25%	Thinning	BAF 10 Plot	4,097	25	3%	BAF 10 Plot	2,634	16	28%	15,849	0	0
7	63	10%	Group Selection	100% Tally	64,536	1,020	50%	100% Tally	375	6	4%	545	1	0
Total	658	100%			129,290		100%		9,355	14.2	100%	105,198	1	1

Pulpwood was sampled in block(s) 1, 2, 3, 4, 5, 6 with a precision of +/- 7.3% (90% C.I.)

Sawtimber was sampled in block(s) 3, 6 with a precision of +/- 59.2% (90% C.I.)

The Pennsylvania Game Commission

SGL #33 - Nomex Timbersale

Scribner Rule (BDFE) - All Volumes are Estimates

Block All - 658 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	360	13,028	349	23,915	177	18,825	81	12,393	43	8,648	9	2,328	8	2,571	2	771	2	749	0	0	1,031	83,229	81	1,870	494
Red Maple	124	4,801	78	4,788	61	4,672	13	1,231	0	0	10	1,465	0	0	0	0	0	0	0	0	286	16,958	59	31,699	6,078
Chestnut Oak	51	2,129	61	4,189	25	2,674	5	559	5	1,009	0	0	0	0	0	0	0	0	0	0	147	10,561	72	2,172	367
Black Oak	30	1,198	24	1,571	21	2,042	15	2,024	3	579	3	554	2	515	1	307	0	0	0	0	99	8,791	89	27	7
White Oak	50	1,871	22	1,509	6	620	4	539	0	0	0	0	0	0	0	0	0	0	0	0	82	4,539	55	233	77
Scarlet Oak	3	131	9	575	5	499	1	132	1	102	2	414	0	0	0	0	0	0	0	0	21	1,854	88	4	3
N. Red Oak - dead	8	295	10	677	7	601	1	143	0	0	0	0	0	0	0	0	0	0	0	0	26	1,716	66	626	88
Sweet Birch	25	843	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	843	33	14	15
White Oak - dead	7	247	2	123	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	473	47	146	49
Chestnut Oak - dead	1	32	1	46	1	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	179	60	497	144
Black Oak - down	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 - dead	1	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	34	34	157	32
Chestnut Oak - dying	1	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	32	32	27	9
Sassafras	1	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	31	31	11,844	1,924
Black 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	204	23
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	235	22
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	90	10
N. Red Oak - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	9
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	4
Total	663	24,723	556	37,394	304	30,137	120	17,022	52	10,339	24	4,762	10	3,086	3	1,078	2	749			1,734	129,290	75	49,908	9,355

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

Block 1 - 129 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
Red Maple	41	1,410	20	1,148	10	1,084	1	143	0	0	0	0	0	0	0	0	0	0	0	0	0	72	3,786	53	7,342	1,268
N. Red Oak	0	0	1	79	0	0	1	143	0	0	0	0	0	0	0	0	0	0	0	0	0	2	223	111	43	7
White Oak - dead	1	51	0	0	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	155	77	19	9
N. Red Oak - dead	2	69	1	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	148	49	19	9
Chestnut Oak - dying	1	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	32	32	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	2,100	306
Chestnut Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,301	178
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	14
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	8
Total	45	1,562	22	1,307	11	1,187	2	286														80	4,342	54	10,954	1,798

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

Block 2 - 89 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
Red Maple	19	654	13	741	3	205	0	0	0	0	1	135	0	0	0	0	0	0	0	0	0	36	1,735	48	2,923	598
N. Red Oak - dead	2	88	2	101	2	177	1	143	0	0	0	0	0	0	0	0	0	0	0	0	0	7	510	73	152	11
N. Red Oak	2	69	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	119	40	0	0
White Oak - dead	2	65	1	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	113	38	70	14
Black Oak	1	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	33	33	0	0
Sassafras	1	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	31	31	2,719	457
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	61
Chestnut Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	216	40
Black 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	204	23
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	9
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	0	76	7
Total	27	939	17	940	5	382	1	143			1	135										51	2,540	50	6,528	1,220

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

Block 3 - 80 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
Red Maple	0	0	19	1,480	29	1,952	11	999	0	0	8	1,023	0	0	0	0	0	0	0	0	0	0	66	5,454	83	2,906	752
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	576	134
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	227	51
Total			19	1,480	29	1,952	11	999			8	1,023											66	5,454	83	3,709	937

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

Block 4 - 40 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
N. Red Oak	326	11,565	290	18,971	103	9,415	28	3,879	6	1,020	0	0	0	0	0	0	0	0	0	0	0	0	753	44,850	60	1,447	394
N. Red Oak - dead	4	138	6	418	5	423	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	979	65	360	54
Red Maple	4	157	2	159	2	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	493	62	1,394	250
Chestnut Oak	0	0	5	232	1	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	295	49	144	23
White Oak	6	196	1	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	243	35	0	0
White Oak - dead	4	130	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	206	41	0	0
Chestnut Oak - dead	0	0	0	0	1	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	101	101	0	0
Black Oak	1	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	33	33	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	1,232	162
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	0	0	159	16
N. Red Oak - 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	0	27	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	0	0	0	75	7
Total	345	12,218	305	19,902	112	10,179	28	3,879	6	1,020													796	47,199	59	4,838	914

**The Pennsylvania Game Commission
SGL #33 - Nomex Timbersale
Scribner Rule (BDFE) - All Volumes are Estimates**

Block 5 - 94 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	17	585	5	281	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	865	39	6,794	1,105
N. Red Oak - dead	0	0	1	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	79	79	95	14
Chestnut Oak - dead	1	32	1	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	78	39	34	19
White Oak	2	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	65	33	0	0
Red Maple - dead	1	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	34	34	138	23
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,369	161	
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335	66	
Chestnut Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334	54	
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	57	26	
Chestnut Oak - dying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	9	
Total	21	716	7	406																28	1,122	40	9,185	1,477	

**The Pennsylvania Game Commission
SGL #33 - Nomex Timbersale
Scribner Rule (BDFE) - All Volumes are Estimates**

Block 6 - 162 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	25	1,357	18	930	14	967	0	0	0	0	0	0	0	0	0	0	0	0	0	58	3,254	56	9,567	1,931	
Sweet Birch	25	843	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	843	33	14	15	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,783	688	
Total	50	2,200	18	930	14	967														83	4,097	49	13,364	2,634	

The Pennsylvania Game Commission SGL #33 - Nomex Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

Block 7 - 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
N. Red Oak	32	1,394	57	4,815	74	9,410	52	8,371	37	7,629	9	2,328	8	2,571	2	771	2	749	0	0	273	38,038	139	45	27	
Chestnut Oak	51	2,129	56	3,957	24	2,611	5	559	5	1,009	0	0	0	0	0	0	0	0	0	0	141	10,266	73	177	71	
Black Oak	28	1,133	24	1,571	21	2,042	15	2,024	3	579	3	554	2	515	1	307	0	0	0	0	97	8,725	90	27	7	
White Oak	42	1,610	21	1,461	6	620	4	539	0	0	0	0	0	0	0	0	0	0	0	0	73	4,230	58	190	69	
Scarlet Oak	3	131	9	575	5	499	1	132	1	102	2	414	0	0	0	0	0	0	0	0	21	1,854	88	4	3	
Red Maple	18	639	1	50	3	287	1	89	0	0	1	308	0	0	0	0	0	0	0	0	24	1,372	57	772	175	
Black Oak - down	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	
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	15	
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	4	
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	15	2	
Total	175	7,088	168	12,429	133	15,469	78	11,714	46	9,319	15	3,604	10	3,086	3	1,078	2	749		630	64,536	102	1,329	375		

The Pennsylvania Game Commission SGL #33 - Nomex Timbersale Scribner Rule (BDFE) - All Volumes are Estimates

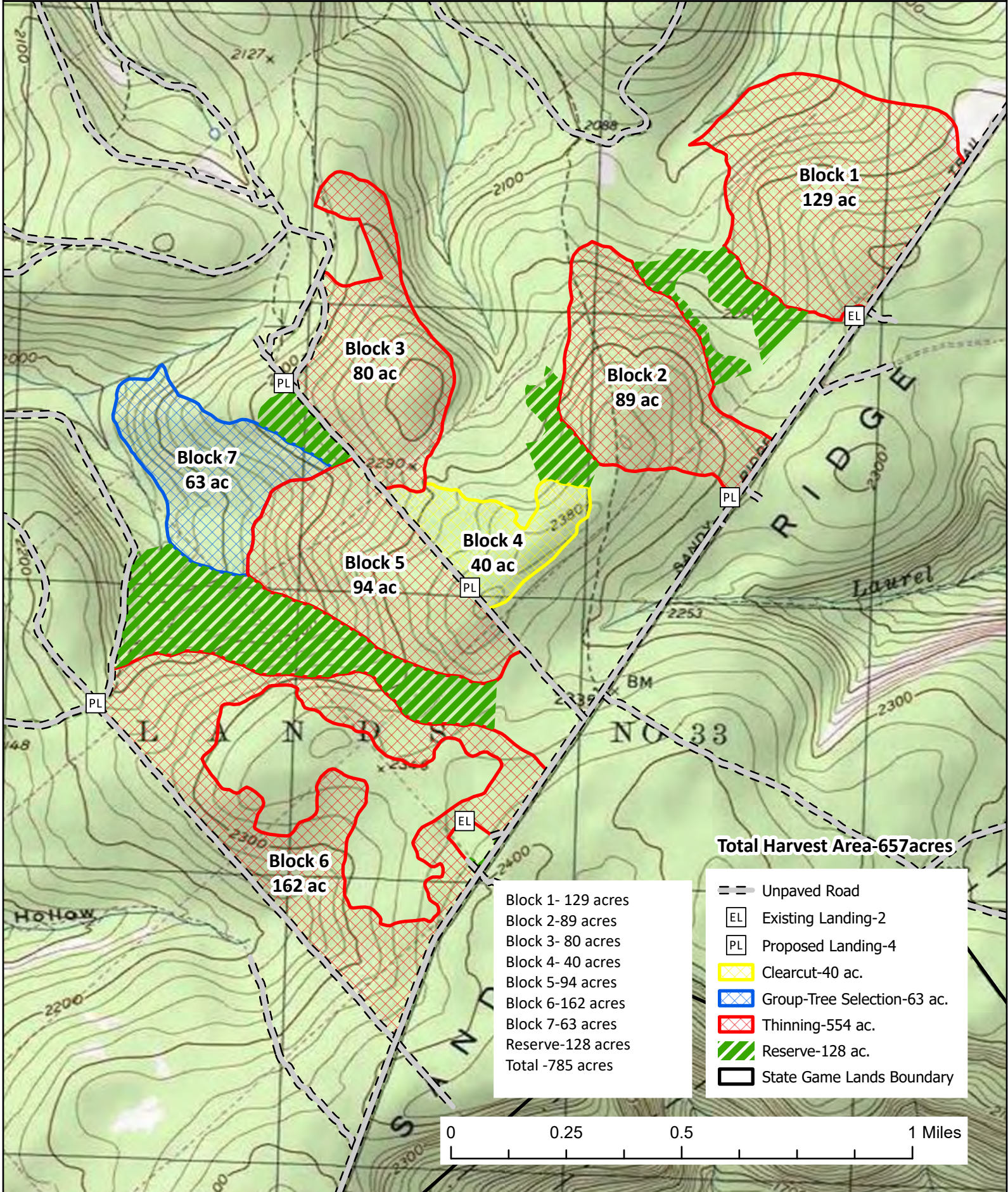
Block All - 658 acres - Pulp Tree Stand and Stock Table																								
Species	2" DBH		4" DBH		6" DBH		8" DBH		10" DBH		12" DBH		14" DBH		16" DBH		18" DBH		20"+ DBH		Pulpwood			
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Tons
Red Maple	0	0	0	0	17,491	1,896	9,085	1,798	3,463	1,187	1,245	671	354	281	145	160	45	66	27	51	31,856	6,110		
Sassafras	0	0	0	0	4,749	473	3,981	490	2,239	476	815	299	207	122	68	59	20	24	1	2	12,080	1,946		
N. Red Oak	0	0	0	0	682	54	894	152	706	227	171	88	43	33	23	26	3	5	2	4	2,523	591		
Chestnut Oak	0	0	0	0	856	69	1,411	257	280	93	66	34	71	50	3	3	1	2	8	12	2,697	521		
White Oak	0	0	0	0	10	1	146	26	155	50	49	23	3	3	15	15	0	0	0	0	379	125		
Black Oak	0	0	0	0	78	8	132	16	16	4	4	2	0	0	1	1	0	0	0	0	231	31		
Sweet Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	15	0	0	0	0	14	15		
Black Gum	0	0	0	0	85	9	1	0	4	1	0	0	0	0	0	0	0	0	0	0	90	10		
Serviceberry	0	0	0	0	27	3	6	1	1	0	0	0	0	0	0	0	0	0	0	0	34	4		
Scarlet Oak	0	0	0	0	0	0	0	0	0	0	3	2	1	1	0	0	0	0	0	0	4	3		
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		
Total					23,977	2,512	15,656	2,739	6,864	2,039	2,353	1,119	679	489	268	280	69	97	38	70	49,908	9,355		



Nomex Wildlife Habitat Improvement Project

033-2023-01

State Game Land 033, Centre County, Rush Township





Nomex Project Infrastructure Map

033-2023-01

State Game Land 033, Centre County, Rush Township

