

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 608,524 board feet of sawlogs and 7,915 tons of pulpwood located on 295 acres of State Game Lands No. 013, Davidson Township, Sullivan 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 **SEPTEMBER 30, 2026.**

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

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

Sincerely yours,

(Tax No. or Social Security No.)_____
Signature of Bidder - Sign In Ink_____
(Telephone Number)_____
Print Name_____
Firm Name_____
Street Address (Name, Number, Etc.)_____
City_____
State_____
Zip

BIDS MUST BE SUBMITTED IN AN ENVELOPE THAT CLEARLY STATES ON THE OUTSIDE: **BID PROPOSAL FOR TIMBER SGL #013.** Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, June 5, 2023.** The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

STATE GAME LANDS #: 013

SALE: 013-2022-04

NAME: Turpentine

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 608,524 board feet of sawlogs and 7,915 tons of pulpwood to be cut from 295 acres of State Game Lands No. 013, Davidson Township, Sullivan County.

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

- SHOW DATE -

Timber will be shown to prospective bidders on **MAY 19, 2023**. Viewers will be met **at the PGC PARKING AREA at the INTERSECTION of FISHING CREEK ROAD & HEMLOCK RUN ROAD, (41.3179, -76.5059) at 10:00 A.M.,** and conducted to the sale area.

The timber to be sold will be clearly designated by **WARREN E. HARRIS, 3917 MEMORIAL HIGHWAY, DALLAS, PA 18612**, telephone: 1-570-675-1143, 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 #013**. Bids received in envelopes not containing this information will be rejected.

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

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

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

Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, Pennsylvania 17110-9797, at 2:00 P.M., **Monday, JUNE 5, 2023**, telephone: 717/787-2039. **BIDS RECEIVED LATER THAN 2:00 P.M., THIS DATE, WILL BE REJECTED.**

- PERFORMANCE DEPOSIT -

A performance bond in the amount of **\$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 **SEPTEMBER 30, 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 – 7% - 8 acres
 - 2 – 5% - 35 acres
 - 3 – 21% - 89 acres
 - 4 – 17% - 79 acres
 - 5 – 9% - 47 acres
 - 6 – 41% - 37 acres
3. Progress of payment and sale operations shall continue such that:
 - a. **Payment for Blocks 1 is due at contract execution.**
 - b. **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 8 Attached Sheet(s).

SPECIAL PROVISIONS FOR THE “TURPENTINE” TIMBER SALE

S.G.L. # 013

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) Payment Schedule and Work Progress Milestones
 - 1. Payment for Block 1 is due at contract execution.
 - 2. Final payment is due **No Later Than 120 days before the expiration of the Agreement.**
- c) This 295-acre timber harvest consists of 250 acres of shelterwood (Blocks 2, 3, 4, and 5), 37 acres of clearcut (Block 6), and 8 acres of required roads and landing areas.
- d) Saw timber volumes were determined by a 100% tally and pulp wood was determined by a 10 BAF prism plot cruise. All trees are tallied in 2-inch diameter classes.
- e) Block 6 harvesting must be completed within one year after the executed contract is returned to the successful bidder.
- f) Operator must comply with the erosion and sedimentation control plan for the area.
 - 1. A completed plan will be provided to the successful bidder.
- g) All sale activity, (felling, skidding, & trucking), is restricted to the defined sale area.
- h) Except for seasonally opened gates, PGC gates are to be kept closed and locked except when the contractor is present on the site. Repeated failure to close gates will be penalized.
- i) If site conditions in the timber sale (for felling, skidding, or trucking) or the use of the haul road become wet and/or muddy in the opinion of the Regional Forester or his designee, all phases of the job will be suspended until working conditions are judged favorable.
- j) Preliminary road work and site preparations specified in **paragraph (4) GAME LAND ROADS TO BUILD / IMPROVE** must be completed to the satisfaction of the Regional Forester or his designee before harvesting in any other block may begin.
- k) Buyer is not guaranteed exclusive use of the haul roads for this timber sale. Hauling restrictions may be implemented at the discretion of the Regional Forester or his designee to avoid excessive damage to haul roads under joint use.
- l) No tops or slash shall be left on any drainage ditch leading from a culvert, water bar, intercepting dip or break in berm of road.
- m) All tops will be pulled back 25 feet from State Game Lands boundary lines, utility right-of-way, dam, pond, lake, stream, spring seep, herbaceous opening, deer deterrent fence, trail, building, road, parking lot and scattered so as to not form a windrow.
 - 1. Game Land boundary, roads, herbaceous openings, buffered areas and spring runs are to be kept free of tops.

- n) Whole tree chipping of all trees is permitted on this harvest area.
- o) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
 - 1. Felling and skidding damage will be closely monitored and excessive damage will result in the payment of damages by the contractor.
- p) No on-site sales of firewood to the public is allowed.

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

- a) Timber sale boundaries for blocks 2, 3, 4, and 5 are marked with 2 blue paint slashes and block boundaries are designated with 1 blue paint slash.
- b) Timber sale boundary for block 6 is marked with 2 pink paint slashes.
- c) Sale boundary trees which are marked with **blue or pink** paint must not be felled
- d) Game Land boundary, roads, herbaceous openings, buffered areas, and spring runs are to be kept free of tops.
- e) No cutting or skidding is permitted in the reserve areas.
- f) Block 1
 - 1. Block 1 encompasses all cutting, bulldozing, and required stone placement associated with haul road, landing and skid road construction and improvements.
 - a. Refer to Paragraph 4) **GAME LAND ROADS TO BUILD / IMPROVE** for details concerning road construction.
 - 2. Block 1 improvements must be completed to the satisfaction of the Regional Forester or his designee before harvesting begins in any other block.
 - 3. Construction of all new haul roads and landing areas must be completed within one year after the contract has been returned to the successful and be allowed to settle until stable prior to harvesting.
 - 4. Boundaries for new haul roads and landings are marked in orange paint. All trees inside orange boundaries are to be cut and stumps will be removed.
 - a. The trees marked with orange paint are boundary trees and are not to be harvested.
- g) Blocks 2, 3, 4, and 5
 - 1. All trees 2" DBH and over, except for red and blue paint marked trees are to be cut.
 - 2. Blocks 4 & 5 are scheduled to receive understory herbicide application between May and the end of June 2023. **HARVESTING IN BLOCKS 4 & 5 WILL NOT BE ALLOWED UNTIL A MINIMUM OF 60 DAYS HAVE PASSED AFTER THE COMPLETION OF THE HERBICIDE TREATMENT.**
- h) Block 6
 - 1. All trees 2" DBH and over are to be cut.
- i) Cull portions of the tree are to be left at the stump.
- j) Any reserved trees that are felled for safety reasons must be left at the stump.

3) STATE / LOCAL ROADS

a) Local Roads

1. The haul road entrances are on T-816 Elk Grove Road.
2. T-816 (Elk Grove Road) has no winter maintenance north of Fishing Creek Road to its intersection with Rays Road.
3. Road Bonding and permitting for Davidson Township:
 - a. Davidson Township
20 Michelle Road
Muncy Valley, PA 17758
570-482-2065

4) GAME LAND ROADS TO BUILD / IMPROVE

- a) Erosion and Sedimentation control structures will be in place, operable and maintained throughout the duration of the contract.
- b) The operator will be required to maintain all haul roads used in an as-is-or-better condition throughout the contract period.
- c) Fishing Creek Road, Hemlock Run Road and Painter are all in a condition that will sustain travel by low clearance 2-wheel drive vehicles.
- d) Any damage to existing haul roads incurred by timber harvest activity will be repaired immediately. If stone is required to repair damage, in the opinion of the Regional Forester, the operator will be required to provide and apply the appropriate type and amount of stone as directed by the Regional Forester to meet this requirement. This stone will be in addition to the stone specified in 4) j). Required Stone and will be purchased and spread by the Buyer at his own expense.
- e) Fishing Creek Road is an area of concern during the times of the year when it is open to public travel.
 1. It is open to public travel from 2 weeks prior to the start of the archery deer season until 2 weeks after the end of the winter flintlock season. It is also open two weeks before the youth turkey hunt in April until the day after the end of Spring Gobbler Season in May.
 2. Permitted persons can access state game lands using ATVs on this designated route.
 3. Is open to bicycling and horseback riding at certain times of the year, and under certain restrictions.
- f) The Regional Forester or his designee will be notified a minimum of three days prior to road construction, landing construction, culvert installation, gate installation and final grading.
- g) Road To Build
 1. Locations of haul roads to construct are identified on the sale maps.
 2. Haul Roads
 - a. A minimum of 9,039 feet of haul road construction is required for hauling.
 - b. New road construction is required for access to blocks 2, 3, 4, and 5.
 - c. During times of wet site conditions, no road construction will be permitted.
 - d. The operator will build haul road from Hemlock Run Road through blocks 2, 3, 4, and 5 to Slip Run.
 - e. The outer boundary of this new road is marked with orange paint. This new road will be crowned and must have a minimum 12-foot running surface and 3 feet on

both sides for ditches (18-foot total). Ditches should be a minimum of 1 foot deep and sloped 1:3.

h) Road To Improve

1. Locations of roads to improve are identified on the sale maps.
 - a. A minimum of 42,897 feet of existing haul road is designated for hauling.
2. There are existing culverts along the hauling route. These culverts are to be maintained in good working condition throughout the hauling operation.
 - a. Any culvert pipes that are damaged by the operator will be repaired or replaced by the operator at the operator's expense. The operator will remove and properly dispose of all culverts that are replaced.
 - b. Proper headwalls and endwalls as specified in 4) i) 2 will be installed on all culverts that are replaced.

i) Culverts Information

1. No new culverts are required to be installed for this contract.
2. A single piece 4,000 psi precast concrete headwalls must be set at both ends of each culvert.
 - a. Single piece 4,000 psi concrete headwalls specifications are attached at the end of the special provisions.
3. All culverts will have side ditches for drainage into the pipe and tail ditches to allow water to drain away from the road.

j) Required Stone

1. The operator must apply **40 tons of AASHTO 1 Stone, (2" to 4")**, **220 Tons of AASHTO 3 Stone (1 ½" to 2 ½")**, as directed by the Regional Forester or his designee.
2. Additional shot rock, quarry run, shale or other suitable fill material as approved by the Regional Forester will be required as needed to maintain haul roads in a stable condition suitable for hauling. This fill material is not available on the game lands.
3. The operator must use a bulldozer to shape and grade the roadway before the stone is applied.

k) Gate Installation

1. No new gate installation is required for this contract.

l) Road Retirement

1. A road grader or a bulldozer with a six-way blade will be required for final grading. The operator will crown, ditch, and stone rake all required haul roads and all other roads that have been used to a minimum 12' running surface or to the roadway original width, whichever is wider. Ditches and other drainage structures must be opened and re-established where needed. The road must be crowned to drain all water into the ditches and culverts. All piles of surface side cast shall be graded level by feathering it back into the road berms and/or road surface during final grading. Road berms will be graded to a mowable contour.

5) LANDINGS

- a) Main landing's locations are designated on the sale map. Any additional landings are to be approved by the Regional Forester or his designee.

- b) Boundaries for new landings are marked with orange paint. All trees inside orange boundaries are to be cut, and stumps will be removed.
- c) Parking lots and herbaceous openings cannot be used for log landings.
- d) Block 6 has four existing landing areas, (approximately 1/2 acre each).
- e) Two new landing locations are designated for construction on the sale map.
 - 1. All trees inside orange marked boundary are to be cut and will be removed.
 - 2. Block 2 and 3 – ½ acre new landing area
 - 3. Block 4 – ½ acre new landing area
- f) Immediately following the completion of its usage, each landing will be graded, leveled, cleared of debris, stone raked sufficiently for use as mowed fields, and seeded according to specifications outlined in Section 7) **SEEDING OF ROADWAYS AND LANDINGS**.
- g) Stumps, stones and other debris on the edges of the landing areas will be moved off the landing area and spread out into the surrounding woods.

6) **SKIDDING**

- a) Skid trails will be approved by the Regional Forester or his designee.
- b) No skidding across small drainages will be permitted without the use of temporary bridges, culverts, or other approved crossing structures.
- c) No skidding or use of forwarders is permitted on any haul road.
- d) Crossing of the haul road will be permitted only at designated locations.
 - 1. All crossing locations will be stabilized by the addition of stone and ditch lines will to be protected and remain open.
- e) If skid trails are to sit idle for one month or more, they are to have water bars added.
- f) Main skid trails are to be leveled, open and have water bars added at the conclusion of the harvesting.

7) **SEEDING OF ROADWAYS AND LANDINGS**

- a) The Regional Forester or his designee is to be notified a minimum of three days prior to the application of seed.
- b) Following completion of logging operations in any individual block, the Operator must seed at his expense the disturbed areas associated with all haul roads, (except for the running surface of Fishing Creek Road and Hemlock Run Road to its intersection with Round Top Road), all log landings, bulldozed skid trails where harvesting has been completed and all disturbed areas along game lands roads according 7) d) & e).
 - 2. These areas will be retired during the spring or fall, whichever occurs first, as soon as weather conditions are suitable in the opinion of the Regional Forester.
- c) At the conclusion of the harvest woody debris, sawdust and wood chips will be removed from the landing areas sufficiently to permit germination of required seeding.

- d) All haul roads (except for Fishing Creek Road and Hemlock Run Road to its intersection with Round Top Road), as well as all landings will be seeded according to the following:

4 lbs. per acre New Zealand White Clover - Inoculated Seed
4 lbs. per acre Red Clover - Inoculated Seed
3 lbs. per acre of Birdsfoot Trefoil – Inoculated Seed
50 lbs. per acre of Oats (spring)
25 lbs. per acre of Wheat (fall)

A minimum of 10 acres are to be seeded with this seed mix.

- e) Seeding will include ditch lines and all disturbed areas.
- f) Spring planting may be performed Until June 15th. The fall planting may be performed during the period from August 15th to September 15th.
1. A guaranteed catch of seeding must be obtained to the satisfaction of the Regional Forester or his designee.
- g) All bulldozed skid trails are to be seeded with wheat or oats at a rate of 25 lbs. or 50 lbs. per acre depending on the time of seeding.
- h) Guaranteed catch of cover must be obtained to the satisfaction of the Regional Forester or his designee before the bond will be released.

8) 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.

9) 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 general statewide bear season.
 4. The entire 2 weeks of the general firearms deer season.
 5. The opening day of the flintlock muzzleloader season.
- b) No woods operation will be permitted from **MARCH 15 THRU MAY 1 (SPRING BREAK-UP DATES)** without the permission of the Regional Forester.

- c) 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.
- d) 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.
- e) ***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.***

10) PNDI RECOMMENDATIONS

- a) A PNDI review was performed on 04/28/2022.

11) MISCELLANEOUS

- a) The contractor will provide the Regional Forester with weight slips for stone and receipts for all seed.
- b) All existing trails and at least one main skid trail are to be kept open as hunter access in each block.
- c) If possible, the operators will clean all equipment and vehicles thoroughly to remove invasive plant species from being transported from other sites.
- d) Violation of contract provisions by the operator may subject the operator or its employees or contractors to fine based on Title 58 regulations.

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 Turpentine

Sale Name:	Turpentine	SGL Number:	13
Forester:	EMD	Report Date:	09/27/2022
Blocks Numbers in Sale:	1,2,3,4,5,6	Acres:	295
County:	Sullivan	Township:	DAVIDSON

The Pennsylvania Game Commission SGL #13 - Turpentine 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	8	3%	Road	100% Tally	42,729	5,720	7%	BAF 10 Plot	221	30	3%	0	0	0	
2	35	12%	Shelterwood	100% Tally	31,712	915	5%	BAF 10 Plot	1,022	29	13%	284	465	0	
3	89	30%	Shelterwood	100% Tally	127,890	1,445	21%	BAF 10 Plot	2,484	28	31%	2,536	196	0	
4	79	27%	Shelterwood	100% Tally	103,852	1,309	17%	BAF 10 Plot	2,217	28	28%	6,820	1,334	0	
5	47	16%	Shelterwood	100% Tally	51,333	1,085	8%	BAF 10 Plot	1,218	26	15%	856	0	0	
6	37	13%	Clearcut	100% Tally	251,008	6,732	41%	BAF 10 Plot	753	20	10%	0	0	0	
Total	295	100%			608,523		100%		7,915	26.9	100%	10,495	1,995		

Pulpwood was sampled in block(s) 1, 2, 3, 4, 5, 6 with a precision of +/- 12.4% (90% C.I.)

The Pennsylvania Game Commission
SGL #13 - Turpentine Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 295 acres																									
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Red Maple	391	14,515	1,098	73,829	783	90,385	281	45,922	130	26,524	40	9,791	13	4,428	4	1,161	0	0	0	0	2,740	266,556	97	15,111	5,442
N. Red Oak	19	771	96	7,454	173	22,276	224	40,370	184	44,148	129	38,065	70	24,261	49	19,212	26	12,652	24	14,054	994	223,262	225	0	0
Black Cherry	12	471	62	4,472	72	7,943	87	13,857	82	17,594	61	16,711	35	11,471	25	9,014	9	3,396	14	7,584	459	92,512	202	118	128
Yellow Birch	19	656	21	1,167	14	1,203	10	1,333	7	1,351	2	351	0	0	0	0	0	0	0	0	73	6,061	83	725	248
Sweet Birch	9	321	16	953	19	2,088	11	1,419	3	393	0	0	0	0	0	0	0	0	0	0	58	5,174	89	203	98
American Beech	13	491	19	1,342	14	1,257	4	598	2	377	0	0	0	0	0	0	0	0	0	0	52	4,064	78	2,439	778
N. Red Oak - dead	0	0	2	130	2	255	1	143	0	0	2	532	1	470	2	1,011	1	528	1	367	12	3,436	286	0	0
Black Cherry - dead	0	0	1	50	4	396	4	564	1	182	3	757	0	0	2	382	0	0	1	440	16	2,770	173	41	76
Red Maple - dead	0	0	9	624	7	716	2	286	0	0	1	308	0	0	0	0	0	0	0	0	19	1,934	102	354	130
Sugar Maple	1	33	5	318	3	381	1	136	1	172	0	0	0	0	0	0	0	0	0	0	11	1,040	95	97	13
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	500	0	0	1	500	500	0	0
Black Oak	2	65	0	0	0	0	1	183	0	0	0	0	0	0	0	0	0	0	0	0	3	249	83	0	0
White Pine	1	31	1	71	1	61	1	79	0	0	0	0	0	0	0	0	0	0	0	0	4	242	61	31	18
American Basswood	0	0	0	0	0	0	1	214	0	0	0	0	0	0	0	0	0	0	0	0	1	214	214	0	0
Red Maple - dying	0	0	0	0	2	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	177	89	0	0
Eastern Hemlock	0	0	1	44	0	0	1	125	0	0	0	0	0	0	0	0	0	0	0	0	2	168	84	0	0
Sweet Birch - dead	0	0	2	98	1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	165	55	1,017	278
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	1,698	410
Yellow 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	1,229	295
Total	467	17,353	1,333	90,553	1,095	127,204	629	105,230	410	90,740	238	66,515	119	40,629	82	30,779	37	17,076	40	22,444	4,450	608,523	137	23,061	7,915

The Pennsylvania Game Commission
SGL #13 - Turpentine Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 8 acres																									
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Red Maple	56	2,328	58	4,219	71	9,252	25	4,259	9	2,134	2	532	2	324	1	324	0	0	0	0	224	23,372	104	224	140
N. Red Oak	1	34	0	0	3	364	3	522	11	2,311	4	982	3	918	4	1,161	4	1,666	3	1,200	36	9,159	254	0	0
Black Cherry	0	0	3	264	0	0	1	143	3	676	2	449	4	1,585	2	1,011	2	601	4	1,934	21	6,665	317	0	0
Black Cherry - dead	0	0	0	0	0	0	0	0	0	0	1	308	0	0	1	191	0	0	1	440	3	938	313	0	0
American Beech	7	274	1	83	3	259	1	93	0	0	0	0	0	0	0	0	0	0	0	0	12	709	59	143	36
Yellow Birch	4	153	3	229	0	0	0	0	1	241	0	0	0	0	0	0	0	0	0	0	8	623	78	101	22
Sugar Maple	1	33	4	243	2	277	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	553	79	97	13
Sweet Birch	2	67	0	0	1	106	1	86	0	0	0	0	0	0	0	0	0	0	0	0	4	259	65	35	9
American Basswood	0	0	0	0	0	0	1	214	0	0	0	0	0	0	0	0	0	0	0	0	1	214	214	0	0
Eastern Hemlock	0	0	1	44	0	0	1	125	0	0	0	0	0	0	0	0	0	0	0	0	2	168	84	0	0
Red Maple - 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
Total	71	2,889	70	5,082	81	10,327	33	5,442	24	5,362	9	2,271	9	2,828	8	2,687	6	2,268	8	3,573	319	42,729	134	600	221

The Pennsylvania Game Commission
SGL #13 - Turpentine Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 35 acres																									
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Red Maple	22	776	125	8,055	75	7,788	30	4,572	4	793	5	1,194	0	0	0	0	0	0	0	0	261	23,178	89	1,807	681
Black Cherry	0	0	4	288	1	109	3	430	5	1,105	4	1,122	1	162	0	0	1	222	0	0	19	3,438	181	0	0
Red Maple - dead	0	0	8	545	6	647	2	286	0	0	1	308	0	0	0	0	0	0	0	0	17	1,786	105	46	35
American Beech	3	109	9	629	2	144	2	301	1	260	0	0	0	0	0	0	0	0	0	0	17	1,443	85	805	274
Sweet Birch	2	67	3	175	2	249	1	139	0	0	0	0	0	0	0	0	0	0	0	0	8	630	79	0	0
N. Red Oak	0	0	0	0	1	146	0	0	1	247	1	225	0	0	0	0	0	0	0	0	3	618	206	0	0
Black Cherry - dead	0	0	0	0	0	0	1	89	0	0	0	0	0	0	1	191	0	0	0	0	2	279	140	0	0
Yellow Birch	0	0	0	0	2	173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	173	86	94	32
Sweet Birch - dead	0	0	2	98	1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	165	55	0	0
Total	27	952	151	9,791	90	9,323	39	5,818	11	2,406	11	2,848	1	162	1	191	1	222			332	31,712	96	2,752	1,022

The Pennsylvania Game Commission
SGL #13 - Turpentine Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 3 - 89 acres																									
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Red Maple	112	4,028	455	30,194	323	37,263	113	19,061	50	10,149	13	3,221	4	1,490	0	0	0	0	0	0	1,070	105,407	99	5,126	1,780
Black Cherry	0	0	2	185	13	1,489	8	1,439	13	2,811	5	1,034	11	3,569	4	1,410	2	907	1	290	59	13,134	223	0	0
Yellow Birch	15	502	17	861	10	781	5	640	3	585	2	351	0	0	0	0	0	0	0	0	52	3,720	72	516	170
Sweet Birch	5	187	12	729	13	1,414	5	689	2	285	0	0	0	0	0	0	0	0	0	0	37	3,304	89	90	30
American Beech	3	109	9	629	8	782	1	204	1	117	0	0	0	0	0	0	0	0	0	0	22	1,840	84	1,491	468
N. Red Oak	0	0	0	0	0	0	0	0	0	0	1	225	0	0	0	0	0	0	0	0	1	225	225	0	0
White Pine	1	31	1	71	0	0	1	79	0	0	0	0	0	0	0	0	0	0	0	0	3	181	60	31	18
Red Maple - dead	0	0	1	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	79	79	23	17
Total	136	4,857	497	32,748	367	41,730	133	22,112	69	13,946	21	4,830	15	5,059	4	1,410	2	907	1	290	1,245	127,890	103	7,277	2,484

The Pennsylvania Game Commission
SGL #13 - Turpentine Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 4 - 79 acres																									
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Red Maple	82	3,016	208	13,615	138	15,513	48	7,494	23	3,865	10	1,966	1	272	0	0	0	0	0	0	510	45,741	90	4,172	1,441
Black Cherry	6	265	26	1,772	23	2,644	25	3,756	24	5,269	16	4,724	9	3,348	13	4,305	1	380	5	2,270	148	28,732	194	94	102
N. Red Oak	9	329	34	2,520	35	4,277	29	4,744	20	4,340	11	2,963	5	1,455	5	1,866	4	2,110	1	505	153	25,109	164	0	0
N. Red Oak - dead	0	0	1	79	1	146	0	0	0	0	1	225	1	470	2	1,011	0	0	0	0	6	1,931	322	0	0
Black Cherry - dead	0	0	1	50	2	177	3	476	1	182	2	449	0	0	0	0	0	0	0	9	1,334	148	0	0	
Sweet Birch	0	0	0	0	1	106	1	139	1	108	0	0	0	0	0	0	0	0	0	3	354	118	14	23	
Black Oak	2	65	0	0	0	0	1	183	0	0	0	0	0	0	0	0	0	0	0	3	249	83	0	0	
Red Maple - dying	0	0	0	0	2	177	0	0	0	0	0	0	0	0	0	0	0	0	0	2	177	89	0	0	
Yellow Birch	0	0	1	77	0	0	1	86	0	0	0	0	0	0	0	0	0	0	0	2	163	82	0	0	
White Pine	0	0	0	0	1	61	0	0	0	0	0	0	0	0	0	0	0	0	0	1	61	61	0	0	
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	1,224	265	
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	807	188	
Yellow Birch - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	848	169	
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	117	28	
Total	99	3,675	271	18,114	203	23,102	108	16,879	69	13,764	40	10,327	16	5,544	20	7,182	5	2,490	6	2,775	837	103,852	124	7,275	2,217

The Pennsylvania Game Commission
SGL #13 - Turpentine Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

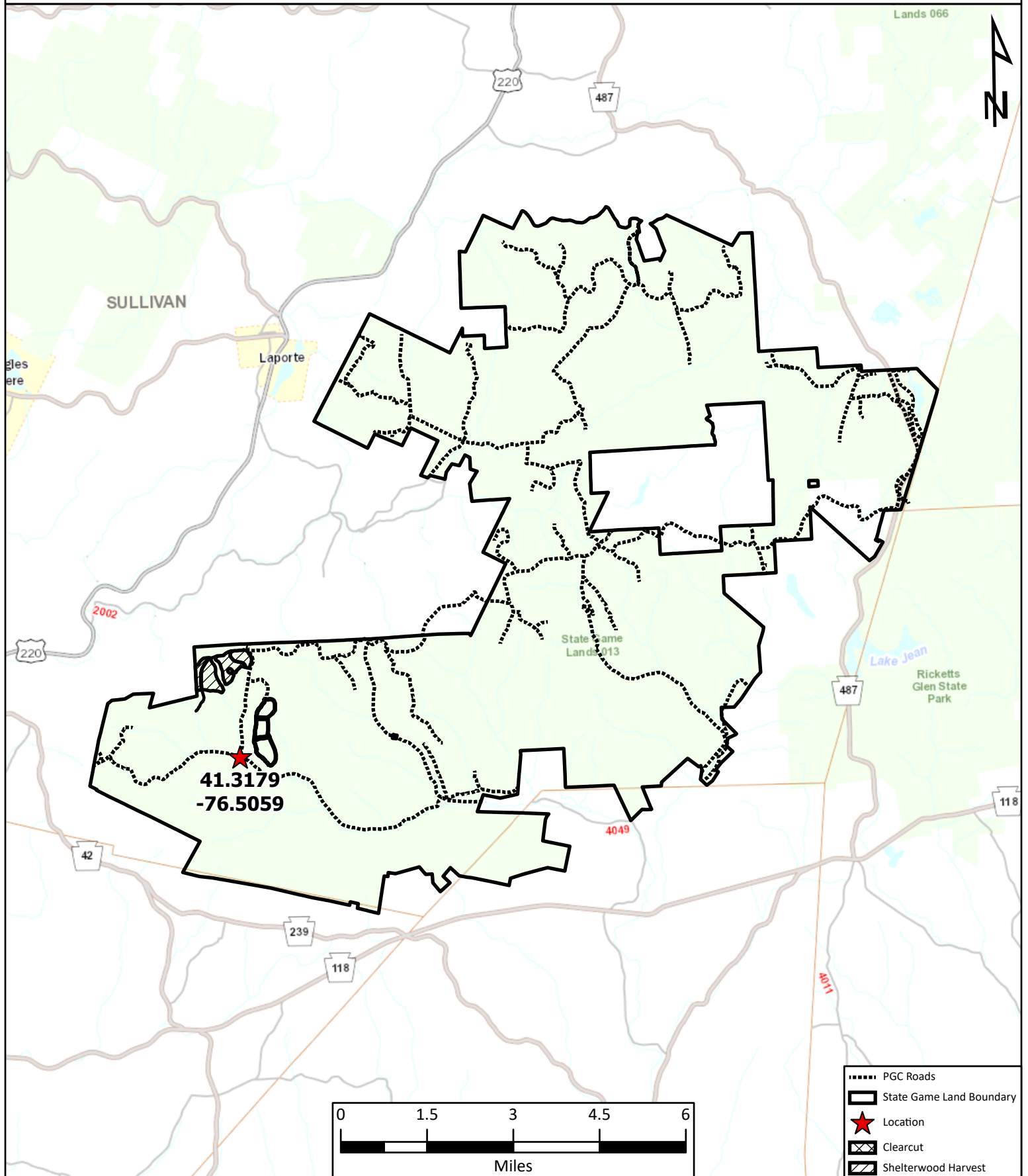
Block 5 - 47 acres																									
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Red Maple	91	3,345	133	9,138	76	9,008	18	2,799	10	2,326	4	892	0	0	0	0	0	0	0	0	332	27,508	83	1,919	683
Black Cherry	5	172	23	1,619	30	3,200	24	3,453	20	4,188	21	5,254	3	918	4	1,161	0	0	0	0	130	19,965	154	23	25
N. Red Oak - dead	0	0	1	50	1	109	1	143	0	0	1	308	0	0	0	0	1	528	1	367	6	1,505	251	0	0
Yellow Birch	0	0	0	0	2	249	4	607	3	526	0	0	0	0	0	0	0	0	0	9	1,382	154	14	23	
Sweet Birch	0	0	0	0	2	212	3	365	0	0	0	0	0	0	0	0	0	0	0	5	578	116	0	0	
Black Cherry - dead	0	0	0	0	2	218	0	0	0	0	0	0	0	0	0	0	0	0	0	2	218	109	41	76	
N. Red Oak	0	0	1	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	106	106	0	0	
American Beech	0	0	0	0	1	72	0	0	0	0	0	0	0	0	0	0	0	0	0	1	72	72	0	0	
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	474	145	
Yellow Birch - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	381	126	
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	210	90	
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	168	50	
Total	96	3,517	158	10,912	114	13,068	50	7,367	33	7,040	26	6,454	3	918	4	1,161	1	528	1	367	486	51,333	106	3,230	1,218

The Pennsylvania Game Commission
SGL #13 - Turpentine Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 6 - 37 acres																										
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons	
N. Red Oak	9	407	61	4,829	134	17,489	192	35,104	152	37,249	112	33,672	62	21,888	40	16,184	18	8,875	20	12,349	800	188,046	235	0	0	
Red Maple	28	1,022	119	8,608	100	11,561	47	7,736	34	7,257	6	1,986	6	2,342	3	838	0	0	0	0	343	41,350	121	1,863	716	
Black Cherry	1	34	4	344	5	501	26	4,636	17	3,543	13	4,127	7	1,889	2	1,127	3	1,287	4	3,089	82	20,577	251	0	0	
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	500	0	0	1	500	500	0	0	
Sugar Maple	0	0	1	75	1	103	1	136	1	172	0	0	0	0	0	0	0	0	0	4	487	122	0	0		
Sweet Birch	0	0	1	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	49	49	63	36		
Total	38	1,463	186	13,905	240	29,654	266	47,612	204	48,222	131	39,785	75	26,118	45	18,148	22	10,662	24	15,439	1,231	251,008	204	1,926	753	

SGL 013
Sullivan County
Davidson Township
Forester: E.Delp

Location Map Turpentine Timber Sale 013-2022-04



SGL 013
Sullivan County
Davidson Township
Forester: E.Delp

Sale Map

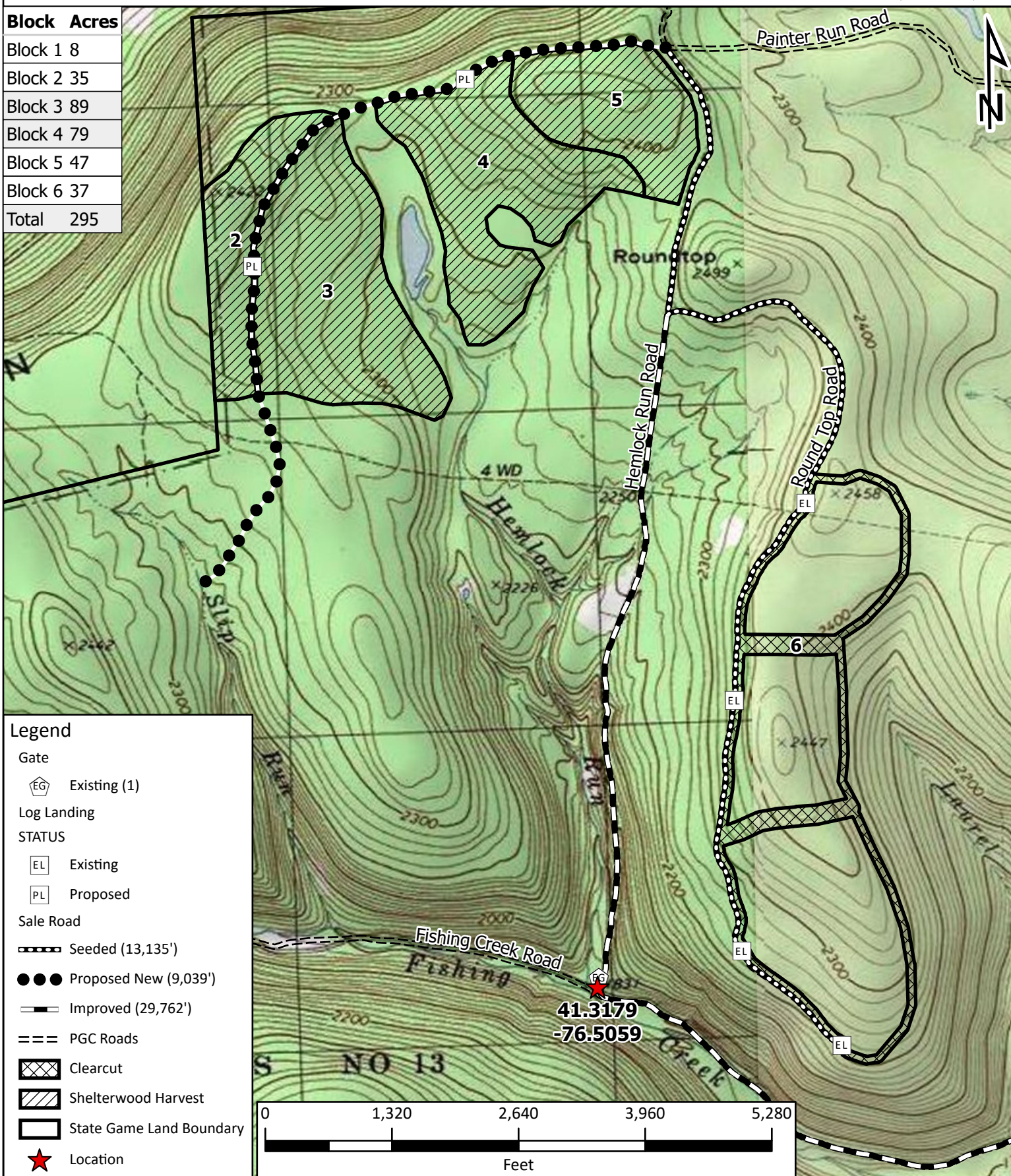
Turpentine Timber Sale

013-2022-04



Block Acres

Block 1	8
Block 2	35
Block 3	89
Block 4	79
Block 5	47
Block 6	37
Total	295



SGL 13
Sullivan County
Davidson Township
Forester: E.Delp

Sale Map

Turpentine Timber Sale

013-2022-04

