

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 880,031 board feet of sawlogs and 3,779 tons of pulpwood located on 240 acres of State Game Lands No. 026, Pavia and Summerhill Townships, Bedford and Cambria Counties, I offer the following:

\$

(BID QUOTATION MUST BE TYPEWRITTEN OR IN INK)

Full payment will be made when agreements are signed or payment in full for each individual cutting block before cutting operations are started on that block.

It is further understood that an acceptable bond of **\$25,000.00** will be provided to guarantee faithful performance of the agreement.

Removal of timber to be subject to the terms, conditions and stipulations included in the Timber Sale Agreement. It is understood that the contract will run until **October 31, 2025**.

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 #026**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, May 22, 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 #:026  
SALE #: 026-2022-02  
NAME: TAKING FLIGHT

**- INSTRUCTIONS TO BIDDERS -**

The following information covers details concerning the proposed lump sum sale of an estimated 880,031 board feet of sawlogs and 3,779 tons of pulpwood located on 240 acres of State Game Lands No. 026, Pavia and Summerhill Townships, Bedford and Cambria Counties.

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 11, 2023**. Viewers will be met at the **PGC parking area on the north side of Shawnee Road (SR 869), approximately 6 miles northwest of Pavia. (GPS coordinates: N 40.29887/ W -78.64135)**, at 10:00 a.m., and conducted to the sale area.

The timber to be sold will be clearly designated by Roy Bucher, 8627 William Penn Highway, Huntingdon PA, 16652, telephone: 1-814-643-1831, Ext 40484, 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 #026**. 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, May 22, 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 **October 31, 2025**.

**- PAYMENTS -**

The sale is divided into 12 cutting blocks. Payment may be made by:

1. Total payment when agreement is signed.

or

2. Payment by individual block or blocks.

1 – 8% - 18 acres	7 – 14% - 16 acres
2 – 4% - 14 acres	8 – 2% - 8 acres
3 – 10% - 32 acres	9 – 2% - 10 acres
4 – 7% - 28 acres	10 – 8% - 21 acres
5 – 8% - 21 acres	11 – 10% - 22 acres
6 – 16% - 29 acres	12 – 12% - 21 acres

**Progress of payments and sale operations shall continue such that Blocks 7, 8, 9, 10, 11, & 12 are paid for and harvesting operations completed by 9/30/2024.**

**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 ten (10) attached sheet(s) of Special Provisions.

**SPECIAL PROVISIONS FOR THE “TAKING FLIGHT” TIMBER SALE**  
**SGL #026 – TS # 026-2022-02**

**1) ADMINISTRATIVE ITEMS**

- a) All contractors, subcontractors and consultants of the Buyer must be pre-approved by the Commission. The Commission reserves the right to reject any subcontractor at its sole discretion. If Contractor enters into any subcontract(s) not previously approved by the Commission, the Commission shall have the right to require the Contractor to terminate such contracts.
- b) This sale consists of six (6) Overstory Removal blocks totaling 130 acres and six (6) Seed Tree blocks totaling 110 acres.
- c) The contractor shall provide the Regional Forester or his designee with at least five (5) business days advanced notice prior to moving equipment on-site in anticipation of start-up.
- d) Sawtimber volumes in all Blocks were all determined by a 100% tally. Pulpwood volumes were determined by a 10 BAF prism, 1 plot/acre cruise.
- e) Blocks 7, 8, 9, 10, 11, & 12 must be paid for and harvesting operations completed by September 30, 2024. Final payment is due No Later Than 120 days before the expiration of the Agreement.
- f) Operator is responsible for contacting PA One Call (8-1-1) at least three (3) business days prior to any earth moving activities, skidding, or hauling to insure all utility lines are clearly identified. PA One Call will alert the appropriate facility owners of the intent to conduct earth moving activities or cross underground lines. Utility lines will be crossed in accordance to the requirements of the respective owner of that right-of-way. For more information, visit [www.pa1call.org](http://www.pa1call.org).
- g) 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.
- h) **All skidding and hauling will be restricted to dry or frozen periods to minimize damage.** If, in the opinion of the Regional Forester or his designee, site conditions on the sale area becomes too wet and/or muddy for skidding or hauling, all phases of the job will be suspended until site conditions are favorable. The decision of the Regional Forester or his designee will be final.
- i) The Regional Forester or his designee will closely monitor harvest and skidding damage to residual trees. If damage becomes excessive additional restrictions will be placed on the harvest. Total disregard to the residual trees and failure to take corrective actions will result in payment of damages and/or termination of the timber contract.
- j) **No permanent paint may be used by bidder for marking/cruising this timber sale area.**
- k) Operator will supply all employees working on this site with a sale map and copy of the special provisions.

- i) Any contractor wishing to visit the project site outside of the scheduled sale tour must contact the Regional Forester to obtain information on the procedure to obtain access to the gamelands.

## **2) BOUNDARIES, BLOCKS, AND CUTTING RESTRICTIONS**

- a) The sale consists of twelve (12) cutting blocks. The sale boundary is delineated with **BLUE**-marked trees with two (2) slashes. Corners are marked with three (3) slashes. The block lines between timber blocks are marked with two (2) **Blue** bands. All **Blue**-marked trees shall remain standing.
- b) **Blocks 7, 8, 9, 10, 11, & 12 must be paid for and harvesting operations completed by September 30, 2024.** These blocks may be cut in any order and progress in additional blocks may be made while meeting this restriction. Remaining blocks may be cut in any order.
- c) **All Blue-marked trees are reserved and shall remain standing. Trees designated for cutting include all UNPAINTED trees greater than two (2) inch DBH in Blocks 1 – 9. Trees designated for cutting include all UNPAINTED trees greater than four (4) inch DBH in Blocks 10 – 12.** All reserved trees shall remain standing. If a reserve tree constitutes a safety hazard to the contractor, the tree may be felled but it must remain at the stump. The contractor is required to immediately notify the Regional Forester or his designee if a reserve tree is felled.
- d) No cutting or skidding is permitted in the reserve area.
- e) Within a block, cutting of polewood and sawtimber shall proceed in a complete and orderly manner. All cutting in one block must be completed to the satisfaction of the Regional Forester or his designee before commencing operations in a subsequent block.
- f) Cull portions of the tree are to be left at the stump. All logs and pulpwood are to be marked to length in the woods to eliminate shorts ends at the landings.
- g) No whole tree harvesting is permitted.
- h) All stumps must be less than 12 inches in height when measured from the ground.
- i) Trees designated for cutting must be completely severed from the stump and placed on the ground.
- j) All top wood 3-inch diameter and smaller is reserved and shall not be removed from the site.
- k) All tops must be pulled back 15 feet from all SGL boundaries, roads, road ditches/diversions, culvert pipes, powerlines and spring runs.

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

- a) Hauling will take place along Shawnee Road (SR-869). Contact Penn DOT Engineering District 9. 1620 N. Juniata St. Hollidaysburg, PA 16648. Telephone: 814-696-7250.

## **4) GAME LAND ROAD TO IMPROVE / MAINTAIN**

- a) **Road to Improve, Maintain:**

1. Locations of haul road to maintain and improve is identified on the sale map.

2. The operator will notify the Regional Forester or designee three (3) business days prior to beginning road improvement work.
3. All roadways used on state gamelands shall be graded with a dozer with a six-way blade at the conclusion of use. Ditches and other drainage structures must be opened and re-established where needed and/or as directed by Regional Forester or his designee. The road must be crowned to drain all water into the ditches and culverts.
4. All road improvements must be completed within one year of contract execution. All road construction and/or improvement must be allowed to settle for 30 days prior to any usage. During that time period, no truck activity will be permitted on the newly constructed and/or improved road. The road must have a solid surface and not show any movement.
5. Site conditions must be favorable for road building and/or improvement work with no wet or frozen ground.
6. Upon conclusion of use and as directed by the Regional Forester or his designee, the haul road will be graded smooth and rut-free, with a 12-foot running surface or to the roadway original width, whichever is wider, and with positive drainage including ditches, broad-based dips, and turnouts. Roads must be crowned or sloped, as directed by the Regional Forester or designee, to drain all water into ditches and culverts. Any and all piles of surface sidecast should be graded level by feathering it back into the road berms and/or road surface during final grading. Road berms should be graded to a mow-able contour. A bulldozer with a six-way blade will be required for final grading.
7. There are existing culverts along the hauling route. These culverts are to be maintained in good working condition throughout hauling operations. The contractor is responsible for damage to culverts/headwalls resulting from timber operation. The contractor will immediately repair and/or replace damaged culverts with new black corrugated double-walled smoothbore plastic culvert pipes of equivalent diameter and length as the damaged culvert, will remove damaged culverts from the Game Lands, and will re-construct headwalls as directed by the Regional Forester or his designee.
8. Any freshly disturbed soil from road work must be immediately seeded with oats or wheat (as determined by the Regional Forester or his designee) at a rate of 30 lbs./acre while the soil is freshly disturbed.
9. A dozer with a six-way blade will be required to complete road improvements and final grading. Additional equipment will be needed to complete road construction.
10. **Shale is available on the Game Lands.** If unforeseen circumstances arise where the operator is unable to use the Game Lands shale pit, the operator will have to obtain shale off site at the expense of the operator.

**b) Summary of road to improve, maintain:**

1. Approximately 16,680 feet of road to maintain with 3A.
2. Approximately 2,450 feet of road to maintain with shale or 3A.
3. Approximately 3,165 feet of road to improve with shale.

4. Sections of the haul road will require shale and/or stone applied at times to sustain heavy hauling and as directed by the Regional Forester or his designee.
5. **Minimum 22 tons of 2RC limestone.**
6. **One (1) – 18-inch X 30-foot black double-walled smoothbore plastic culvert pipe.**
7. The contractor is responsible for supplying all shale and/or stone fill necessary for road to maintain and improve.
8. All road to construct and road improvements must be approved by the Regional Forester or his designee.

**c) Details of Road to Maintain:**

1. Segment A (haul road beginning at SR 869 to the log landing in Block 9 and to Gate #15 adjacent to Block 7).
  - a. 14,800 feet of road to maintain.
  - b. Road surface will require 3A limestone as needed to sustain heavy hauling. This will be at the discretion of the Regional Forester or his designee.
2. Segment B (haul road beginning at Gate # 15 adjacent to Block 7 to the shale pit).
  - a. 2,450 feet of road to maintain if shale is extracted from the gamelands shale pit.
  - b. Road surface will require shale or 3A limestone as needed to sustain heavy hauling. This will be at the discretion of the Regional Forester or his designee.
3. Segment D (haul road beginning at Gate #10 to existing herbaceous opening)
  - a. 1,880 feet of road to maintain
  - b. Road surface will require 3A limestone as needed to sustain heavy hauling. This will be at the discretion of the Regional Forester or his designee.
4. Prior to hauling material out of Blocks 1-4, **One (1) – 18-inch diameter by 30-foot culvert** will be installed in the ditch line of Segment A to enter the landing in Block 4. The culvert pipe must outlet onto natural ground. The culvert must be set in approximately 4 inches of compacted 2RC (jumping jack or similar device for compaction). This may vary due to site conditions. An additional 8 inches of 2RC must be compacted around the culvert. The remaining 2RC will need to be placed around and over the culvert and compacted. Additional stone or shale may be required to cover the culvert pipe to a minimum of 12 inches and will construct stone headwalls on both ends of the culvert. Headwall bases should be equal to culvert pipe height, the face should be sloped or canted back, seams should be overlapped like bricks, and stone should be under the pipe. The contractor is responsible for all shale and/or stone fill necessary for the culvert installations. If headwall stone is not available onsite, the contractor will need to supply stone for headwalls.

**d) Details of Road to Improve:**

1. Segment C (haul road on the powerline starting south of Block 5 to existing log landing in Block 6).
  - a. 2,915 feet of road to improve.
  - b. The operator is responsible for grading and applying shale to create a 12-foot running surface to sustain heavy hauling.
2. Segment E (from the endpoint of segment D at the start of the herbaceous opening to the existing log landing).
  - a. 250 feet of road to improve.

- b. The operator must use a bulldozer with 6-way blade to remove the sod from this road prior to use. The sod and any topsoil removed is to be windrowed along the road edge to be graded back over the running surface at the conclusion of use.
- c. After removing the sod, shale may need applied to sustain heavy hauling.

**e) During and Following Hauling Operations:**

- 1. Roads must be kept clear of tree tops, branches, and other logging debris.
- 2. Once hauling begins the contractor will supply and apply shale and/or stone to the haul road as necessary to sustain heavy hauling. This will be at the discretion of the Regional Forester or his designee.
- 3. During the operational period, the contractor shall keep haul roads in a passable condition for low-clearance 2-wheel drive vehicles at all times.
- 4. Immediately after final grading and while the surface is freshly disturbed, the contractor will apply seed (section C) and seed-straw mulch (section E) to the haul road (including disturbed banks, side ditches, turnouts, berms, etc.) during the appropriate spring or fall seeding period in accordance with Section "7a-7g", Special Provisions.
- 5. Portions of the haul road are opened seasonally to the general public (2 weeks prior to Fall archery – 2 weeks after Flintlock season) and portions are open to snowmobile traffic (3<sup>rd</sup> Saturday in January – April 1<sup>st</sup>). While the gates are seasonally opened, trucks must be completely off these sections of roadway while they're being loaded.
- 6. The contractor must provide the Regional Forester or his designee with at least three (3) business days advance notice of final grading and seeding of the haul roads.
- 7. If the Game Lands shale pit is used, it will be graded to a 1:1 contour with no high wall characteristics.

## **5) LOG LANDING**

- a) Main landing locations are designated on the sale map. Any additional landings are to be approved by the Regional Forester or his designee.
- b) There are two (2) landings to build. Landing locations are marked with an ORANGE "L" at the center point. The log landings will require the excavation of stumps and rocks as well as leveling the site and establishment of positive drainage. Stumps are to be scattered singularly at the edge of the landing boundary. Landing size should be approximately 150 feet x 150 feet in size. Larger landings must have prior approval from the Regional Forester or his designee. Landings may require the application of shale prior to use to stabilize the site and allow for operations. Shale amount will be determined by Regional Forester or his designee.
- c) There are four (4) existing landings to use. These landings are designated with an Orange "L" that is marked on a tree adjacent to the landing area. Larger landings must have prior approval from the Regional Forester or his designee. Landings may require the application of shale prior to use to stabilize the site and allow for operations. Shale amount will be determined by Regional Forester or his designee.



- d) Logging debris on the landings must 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. All excessive logging debris on the landings is to be removed from the Game Lands by the operator at the conclusion of the sale.
- e) Immediately following initial landing work, disturbed areas adjacent to the landings must be seeded with oats or wheat (as determined by the Regional Forester or his designee) at a rate of 30 lbs./acre while the soil is freshly disturbed.
- f) Upon conclusion of use, the landings will be cleared of debris (including bark debris and rocks), graded smooth with positive drainage, and ditched as directed by the Regional Forester or his designee. A bulldozer with a six-way blade is required for final grading. Immediately after final grading, the contractor will apply seed, lime, fertilizer, and straw mulch to the landings during the appropriate spring or fall seeding period in accordance with Section "7a-7g", Special Provisions.
- g) The contractor must provide the Regional Forester or his designee with at least three (3) business days advance notice of final grading and seeding of the log landing.

## **6) SKIDDING**

- a) Skidding is restricted to within the sale block boundary. Skid trails should be located to avoid steep gradients, as well as spring seeps and other potentially wet areas. All skid trails are subject to the approval of the Regional Forester or his designee.
- b) There are existing skid trails in some of the blocks that are to be utilized.
- c) No skidding is permitted on the haul road or any PGC administrative roads that are located within the sale boundary.
- d) No whole tree skidding is permitted.
- e) The contractor shall supply skid bridges on skid trails at the discretion of the Regional Forester or his designee.
- f) If a skid trail will be sitting idle for one month or more, the contractor must install open and functional water bars.
- g) Main skid trails are to be leveled, open and have water bars added at the conclusion of the harvesting.
- h) Upon conclusion of logging operations, the contractor will grade the skid trails to a rut-free condition and install water bars as directed by the Regional Forester or his designee. A bulldozer with a six-way blade is required for final grading. Final grading and seeding of skid trails shall be completed during the appropriate spring or fall seeding period in accordance with Section "7a-7g", Special Provisions.
- i) The contractor must provide the Regional Forester or his designee with at least three (3) business days advance notice of final grading and seeding of the skid trails.

## 7) SEEDING OF ROADWAYS, LOG LANDINGS, AND SKID TRAILS

### a) Seed:

#### 1. Landings at Blocks 7 & 9

- a. 100 lbs. per acre Oats (spring) or 60 lbs. per acre Wheat (fall)

#### 2. Landings at Blocks 4, 5, 6, and 10

- a. 100 lbs. per acre Oats (spring) or 60 lbs. per acre Wheat (fall)
- b. 7 lbs. per acre crimson clover (inoculated)
- c. 3 lbs. per acre white clover (inoculated)

#### 3. Skid trails

- a. 100 lbs. per acre Oats (spring) or 60 lbs. per acre Wheat (fall)
- b. If the herbaceous opening near Block 10 is skidded across, it will be seeded with the landing mix for that Block.

#### 4. Haul Roads

- a. Road Segment E will be seeded with the Block 10 landing mix
- b. Road Segment C will be seeded with 100 lbs. per acre Oats (spring) or 60 lbs. per acre Wheat (fall)
- c. Disturbed areas along the any of the haul roads will be seeded with 100 lbs. per acre Oats (spring) or 60lbs. per acre Wheat (fall)

### b) Lime for landings at Blocks 4, 5, 6, and 10

1. Pulverized agricultural limestone with a minimum of 95% calcium carbonate equivalent (CCE) will be applied to these landings at a rate of three (3) tons per acre.

### c) Fertilizer for landings at Blocks 4, 5, 6, and 10

1. 10-20-20 fertilizer will be applied to these landings at a rate of 300 lbs. per acre.

### d) Weed-free Straw Mulch:

1. Immediately following seeding, weed-free straw mulch will be applied to designated areas at the rate of 5,000 lbs. per acre (100 bales per acre). A mechanized mulch spreader is required to apply straw uniformly to treated surfaces. Straw must be spread to a depth of less than 1/2" over the entire seeded location. All log landings will receive straw mulch. Disturbed areas in the herbaceous opening near block 10, road segment E, and disturbed areas along the hauling route will also receive straw mulch.

### e) Seeding and mulching applications must be done while the soil is freshly disturbed.

### f) **The anticipated minimum area of soil disturbance is 18.9 acres**, but total acreage could vary depending on contractor's operations. Acreage estimate was calculated as follows:

1. Haul road: 10.2 acres
2. Log Landing: 3.1 acres
3. Skid trails: 5.6 acres

- g) Guaranteed catch of cover must be obtained before the bond will be released. This will be determined by the Regional Forester or his designee. Seeding done after September 30 will not be inspected until May 15 of the following year in order to assure winter survival.

## 8) OPERATIONS AND NON-WORK DAYS

- a) No in-woods operations will be permitted on the following days for the period of this contract:
1. All Saturdays in the months of October, November, December, and January and any Sunday open to hunting.
  2. The opening day and all Saturdays during spring gobbler season, including youth spring gobbler hunt.
  3. All the days of general firearms bear season.
  4. The entire 2 weeks of the general firearms deer season.
  5. The opening day of flintlock muzzleloader season.

Any variance from the Non-Work Days must have advanced approval from the Regional Forester.

- b) No operations including hauling will be permitted from **March 15 to April 15** without the approval of the Regional Forester.
- c) The contractor, employees, and subcontractors 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 non-work days to check the condition of equipment. **No felling, trucking, equipment repair or access for the purpose of hunting at the job site will be permitted.**
- d) The contractor shall comply with all State Game Lands regulations.

## 9) MISCELLANEOUS

- a) The timber contractor shall comply with the E&S Plan for the sale area. The plan must be on site and available for inspection at all times. A completed plan will be provided to the successful bidder. The timber operator should review the plan, due to his responsibility for the implementation of erosion controls during the harvest operation. A copy of the E&S Plan is available to potential bidders at the following locations: the PGC South Central Region Office or the PGC Harrisburg Office.
- b) The contractor shall supply locks for access gates as necessary. Except for seasonally opened gates, PGC gates are to be kept closed and locked, at all times, except when the contractor is present on the site. Repeated failure to close gates will be penalized.
- 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.**
- d) Vehicle traffic on PGC access roads shall not exceed 25 MPH.
- e) Except for the contractor, no persons shall be permitted to cut or remove firewood.
- f) Necessary E&S controls within a sale block must be implemented to the satisfaction of the Regional Forester or his designee before the contractor will be permitted to move into the next cutting block.

- g) If contractor's operation involves on-site chipping, the contractor shall remove all chipping debris from the Game Lands prior to final grading and seeding of log landings.
- h) To minimize the spread of invasive plants, all earth-moving and logging equipment (bulldozers, mechanical fellers, skidders, loaders, chippers, etc.) should be thoroughly cleaned prior to entering the State Game Lands (SGL).
- i) The contractor will furnish **weigh slips** for shale and/or stone and **receipts** for all seed, lime, fertilizer, and mulch to the Regional Forester immediately following sale retirement.
- j) This timber sale falls in the spotted lanternfly quarantine area. The buyer is responsible for understanding and complying with all applicable requirements. Up to date information can be found at [www.agriculture.pa.gov](http://www.agriculture.pa.gov)
- k) *Violations of contract provisions by the operator may subject the operator or its employees or contractors to fine based on Title 34 and 58 regulations.*

## 10) **FORESTER CONTACT INFORMATION**

Forester Caleb Hoffman: (814) 251-4297  
Regional Forester Roy Bucher: (814) 643-1831 x.40484

Please contact with any questions.

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

- a) The Pennsylvania Right-to-know Law, 65 P.S. §§ 67.101-3104, applied 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 to 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.

## ESTIMATED TIMBER HARVEST COSTS

SALE NAME: TAKING FLIGHT

SALE NUMBER: 026-2022-02

### HAUL ROAD COSTS

ROAD CONSTRUCTION	\$	-
ROAD IMPROVEMENT	\$	2,166.50
3,165' to improve	\$	1,200.00
1 - 15' x 30' culvert	\$	175.00
22 tons 2RC	\$	528.00
Install culvert	\$	250.00
Temp seeding	\$	13.50
<b>Sub-Total</b>	<b>\$</b>	<b>2,166.50</b>

### LANDINGS

2 landings - build	\$	1,200.00
4 landing - improve	\$	1,000.00
88 tons shale	\$	1,320.00
Temp seeding	\$	13.50
<b>Sub-Total</b>	<b>\$</b>	<b>3,533.50</b>

### CLEAN-UP

Final road grading ( 22,295 feet)	\$	5,400.00
Retirement seeding	\$	1,025.20
Level, grade & retire landings & skid trails	\$	3,975.00
<b>Sub-Total</b>	<b>\$</b>	<b>10,400.20</b>

### OTHER



	\$	-
<b>Sub-Total</b>	<b>\$</b>	<b>-</b>

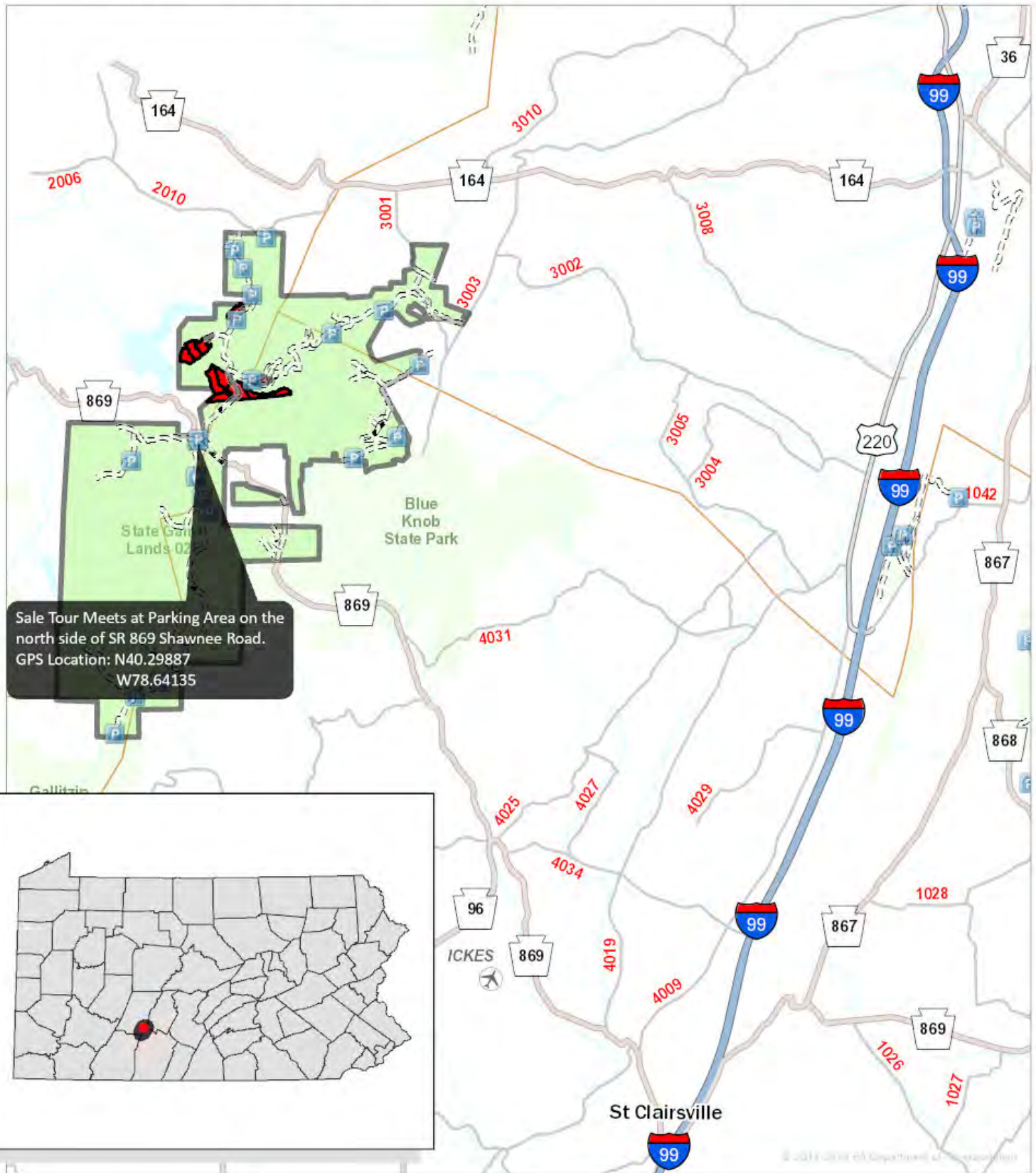
**TOTAL                    \$16,100.20**

*The above timber harvest costs are not guaranteed, but they are our best estimate and may vary according to different contractors and locations. The bidder should devise their costs using this sheet for assistance only in formulating their own costs.*

SGL 026  
 Summerhill and Pavia Townships  
 Cambria and Bedford Counties  
 Compartment(s): 1  
 Stand(s): 32,33,47,48,50,51,63,65,68,71,72,107,115

# Taking Flight Timber Sale # 026-2022-02

-  Parking Area
-  Roads on Game Lands
-  Sale Block
-  Game Land Boundary



Forester: Hoffman  
 01/11/2023

0 1 2 3 4  
 Miles

1 inch = 2 miles





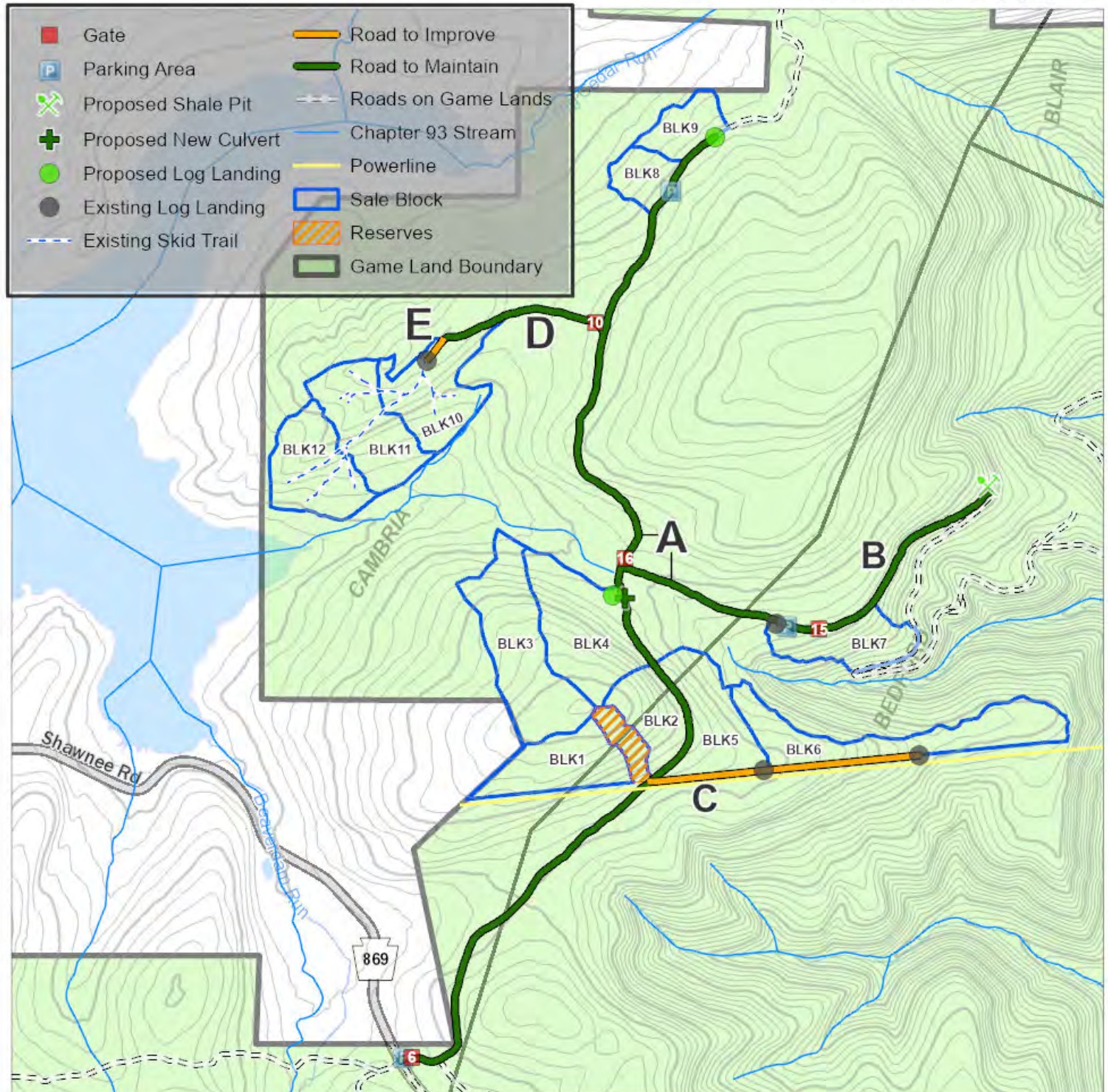
SGL 026  
 Summerhill and Pavia Townships  
 Cambria and Bedford Counties  
 Compartment(s): 1  
 Stand(s): 32,33,47,48,50,51,63,65,68,71,72,107,115

# Taking Flight Timber Sale # 026-2022-02

Block 1:	18 ac;	72 MBF;	219 Tons (SE)
Block 2:	14 ac;	36 MBF;	199 Tons (SE)
Block 3:	32 ac;	86 MBF;	936 Tons (SE)
Block 4:	28 ac;	59 MBF;	844 Tons (SE)
Block 5:	21 ac;	67 MBF;	268 Tons (OR)
Block 6:	29 ac;	143 MBF;	251 Tons (OR)
Block 7:	16 ac;	121 MBF;	174 Tons (OR)
Block 8:	8 ac;	21 MBF;	269 Tons (SE)
Block 9:	10 ac;	16 MBF;	383 Tons (SE)
Block 10:	21 ac;	67 MBF;	69 Tons (OR)
Block 11:	22 ac;	90 MBF;	113 Tons (OR)
Block 12:	21 ac;	102 MBF;	53 Tons (OR)

Reserve: 5 ac

Total: 245 ac; 880 MBF; 3,779 Tons



Forester: Hoffman  
 01/26/2023

0 1/4 1/2 3/4 1 Miles

1 inch = 2,000 feet





# Report For Taking Flight

Sale Name:	Taking Flight	SGL Number:	26
Forester:	Hoffman	Report Date:	01/11/2023
Blocks Numbers in Sale:	1,2,3,4,5,6,7,8,9,10,11,12	Acres:	240
County:	Bedford,Cambria	Township:	Pavia,Summerhill

## The Pennsylvania Game Commission SGL #26 - Taking Flight 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	18	8%	Seed-Tree	100% Tally	71,531	3,974	8%	BAF 10 Plot	219	12	6%	868	251	133
2	14	6%	Seed-Tree	100% Tally	36,070	2,576	4%	BAF 10 Plot	199	14	5%	642	65	77
3	32	13%	Seed-Tree	100% Tally	86,184	2,693	10%	BAF 10 Plot	936	29	25%	1,294	627	178
4	28	12%	Seed-Tree	100% Tally	58,525	2,090	7%	BAF 10 Plot	844	30	22%	0	430	141
5	21	9%	Overstory Removal	100% Tally	67,009	3,191	8%	BAF 10 Plot	268	13	7%	209	0	91
6	29	12%	Overstory Removal	100% Tally	143,065	4,933	16%	BAF 10 Plot	251	9	7%	107	65	102
7	16	7%	Overstory Removal	100% Tally	121,246	7,578	14%	BAF 10 Plot	174	11	5%	108	123	99
8	8	3%	Seed-Tree	100% Tally	21,315	2,664	2%	BAF 10 Plot	269	34	7%	642	29	44
9	10	4%	Seed-Tree	100% Tally	16,061	1,606	2%	BAF 10 Plot	383	38	10%	729	124	18
10	21	9%	Overstory Removal	100% Tally	66,622	3,172	8%	BAF 10 Plot	69	3	2%	0	0	47
11	22	9%	Overstory Removal	100% Tally	90,260	4,103	10%	BAF 10 Plot	113	5	3%	0	0	96
12	21	9%	Overstory Removal	100% Tally	102,143	4,864	12%	BAF 10 Plot	53	3	1%	0	0	106
Total	240	100%			880,031		100%		3,779	15.7	100%	4,600	1,714	1,131

**Pulpwood was sampled in block(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 with a precision of +/- 9.2% (90% C.I.)**

**The Pennsylvania Game Commission**  
**SGL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFT) - All Volumes are Estimates**

Block All - 240 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
Black Cherry	295	14,695	580	46,325	664	76,633	569	90,492	432	87,210	266	67,582	166	51,371	84	30,861	26	11,369	16	7,205	3,098	483,744	156	2,757	758
N. Red Oak	36	1,868	94	8,155	150	20,111	146	26,133	127	29,217	124	36,201	76	25,949	54	23,198	25	12,706	24	14,045	856	197,584	231	170	54
Red Maple	168	8,090	245	18,815	215	25,209	137	22,182	59	12,516	26	7,182	18	5,253	9	3,409	3	1,662	2	1,217	882	105,533	120	3,849	1,101
Sugar Maple	71	2,963	70	5,274	57	6,070	45	6,663	41	7,403	18	4,662	3	863	3	794	1	360	0	0	309	35,051	113	729	191
American Beech	81	4,086	71	5,726	44	5,374	19	2,946	16	3,159	4	1,019	3	627	0	0	0	0	0	0	238	22,938	96	4,065	1,144
Sweet Birch	66	3,059	59	4,358	29	3,231	11	1,517	4	831	0	0	0	0	0	0	0	0	0	169	12,997	77	1,880	434	
Cucumbertree	23	1,462	22	1,834	19	2,665	10	1,801	4	860	1	364	0	0	0	0	0	0	0	79	8,987	114	311	78	
American Basswood	6	288	11	837	8	1,089	4	768	3	660	2	751	3	1,006	1	505	0	0	0	0	38	5,904	155	12	8
Yellow-poplar	4	222	2	142	6	864	0	0	0	0	1	201	1	335	0	0	0	0	0	0	14	1,765	126	0	0
Black Cherry - dead	0	0	2	159	2	137	1	89	3	474	4	631	1	162	0	0	0	0	0	0	13	1,651	127	0	0
Norway Spruce	2	155	0	0	1	161	1	214	0	0	0	0	1	499	0	0	0	0	0	0	5	1,030	206	0	0
Yellow Birch	2	105	5	327	2	212	2	226	0	0	0	0	0	0	0	0	0	0	0	11	870	79	15	5	
N. Red Oak - dead	0	0	1	79	1	109	1	143	2	363	1	135	0	0	0	0	0	0	0	6	830	138	0	0	
Chestnut Oak	2	81	2	195	0	0	2	260	1	228	0	0	0	0	0	0	0	0	0	7	764	109	27	6	
Hickories	1	31	2	166	1	188	0	0	0	0	0	0	0	0	0	0	0	0	0	4	384	96	0	0	
Total	757	37,107	1,166	92,391	1,199	142,053	948	153,435	692	142,921	447	118,729	272	86,066	151	58,766	55	26,096	42	22,466	5,729	880,031	154	13,815	3,779

**The Pennsylvania Game Commission**  
**SGL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFT) - All Volumes are Estimates**

Block 1 - 18 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
Black Cherry	41	2,005	92	6,859	89	9,873	64	10,079	50	8,887	22	4,809	7	1,786	4	1,153	0	0	0	0	369	45,451	123	279	78
N. Red Oak	7	299	16	1,424	29	3,667	22	3,989	16	3,335	16	4,239	2	536	3	1,095	1	380	1	707	113	19,671	174	52	18
Red Maple	15	612	28	1,783	10	1,043	10	1,684	1	182	1	135	0	0	0	0	0	0	0	65	5,438	84	173	60	
Sweet Birch	5	244	4	335	1	106	0	0	1	177	0	0	0	0	0	0	0	0	0	11	861	78	163	30	
N. Red Oak - dead	0	0	0	0	1	109	0	0	0	0	0	0	0	0	0	0	0	0	0	1	109	109	0	0	
Sugar Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	19	
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	13	
Total	68	3,160	140	10,400	130	14,798	96	15,751	68	12,581	39	9,183	9	2,322	7	2,248	1	380	1	707	559	71,531	128	792	219

# The Pennsylvania Game Commission

## SGL #26 - Taking Flight Timbersale

### Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 14 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
Black Cherry	6	265	18	1,359	24	2,708	26	3,886	17	3,528	18	4,076	7	2,108	3	962	0	0	0	0	119	18,892	159	292	66
N. Red Oak	1	54	4	370	8	1,092	5	913	8	1,630	11	3,129	2	749	5	1,858	1	666	1	707	46	11,166	243	17	6
Red Maple	8	392	5	365	12	1,495	4	564	0	0	1	308	0	0	0	0	0	0	0	0	30	3,124	104	216	63
Sugar Maple	4	186	2	175	2	242	2	267	0	0	0	0	0	0	0	0	0	0	0	10	871	87	109	34	
Sweet Birch	5	280	2	126	0	0	0	0	1	300	0	0	0	0	0	0	0	0	0	8	705	88	44	11	
Cucumbertree	0	0	1	75	2	242	0	0	0	0	0	0	0	0	0	0	0	0	0	3	317	106	17	8	
American Beech	0	0	1	83	1	115	0	0	1	117	0	0	0	0	0	0	0	0	0	3	315	105	74	12	
American Basswood	0	0	0	0	0	0	1	252	0	0	0	0	0	0	0	0	0	0	0	1	252	252	0	0	
Black Cherry - dead	0	0	0	0	0	0	0	0	1	111	1	135	0	0	0	0	0	0	0	2	246	123	0	0	
N. Red Oak - dead	0	0	0	0	0	0	0	0	1	182	0	0	0	0	0	0	0	0	0	1	182	182	0	0	
Total	24	1,177	33	2,553	49	5,895	38	5,882	29	5,866	31	7,648	9	2,857	8	2,820	1	666	1	707	223	36,070	162	769	199

# The Pennsylvania Game Commission

## SGL #26 - Taking Flight Timbersale

### Scribner Rule (BDFT) - All Volumes are Estimates

Block 3 - 32 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
Black Cherry	83	4,536	142	11,780	118	14,851	72	11,465	39	7,321	14	3,356	3	486	3	1,095	1	528	0	0	475	55,417	117	819	224
Red Maple	51	2,545	64	4,753	55	6,152	30	4,811	7	1,382	3	495	2	324	0	0	0	0	0	0	212	20,462	97	1,311	366
N. Red Oak	2	69	6	444	9	1,053	6	800	4	656	1	225	1	162	0	0	0	0	0	0	29	3,409	118	0	0
American Beech	14	710	17	1,205	7	835	1	151	0	0	0	0	0	0	0	0	0	0	0	39	2,901	74	1,003	268	
Sweet Birch	11	521	10	767	7	885	1	188	0	0	0	0	0	0	0	0	0	0	0	29	2,362	81	191	58	
Cucumbertree	5	289	4	326	3	508	1	227	0	0	0	0	0	0	0	0	0	0	0	13	1,349	104	44	14	
Black Cherry - dead	0	0	1	79	1	68	0	0	0	0	0	0	0	0	0	0	0	0	0	2	148	74	0	0	
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	1	135	0	0	0	0	0	0	0	1	135	135	0	0	
Sugar Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	6	
Total	166	8,669	244	19,355	200	24,352	111	17,643	50	9,359	19	4,211	6	972	3	1,095	1	528			800	86,184	108	3,396	936

# The Pennsylvania Game Commission

## SGL #26 - Taking Flight Timbersale

### Scribner Rule (BDFT) - All Volumes are Estimates

Block 4 - 28 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
Black Cherry	29	1,421	67	5,116	71	7,426	38	5,679	47	9,562	18	4,350	12	3,328	3	962	1	666	0	0	286	38,511	135	303	122
Red Maple	15	690	23	1,697	25	2,711	12	1,601	3	545	2	532	0	0	0	0	0	0	0	0	80	7,776	97	469	155
Sweet Birch	25	1,064	26	1,828	13	1,364	10	1,329	1	177	0	0	0	0	0	0	0	0	0	0	75	5,762	77	679	175
American Beech	21	984	15	1,216	6	724	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	2,924	70	1,189	350
American Basswood	3	145	7	511	2	192	1	128	0	0	1	344	0	0	0	0	0	0	0	0	14	1,320	94	12	8
N. Red Oak	0	0	2	130	0	0	3	471	0	0	1	308	0	0	0	0	0	0	0	0	6	908	151	0	0
Sugar Maple	4	149	3	171	0	0	2	319	0	0	0	0	0	0	0	0	0	0	0	0	9	639	71	67	13
Black Cherry - dead	0	0	0	0	0	0	0	0	1	182	1	135	0	0	0	0	0	0	0	0	2	317	159	0	0
Cucumbertree	0	0	2	150	1	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	289	96	132	22
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	0	0
Total	97	4,453	146	10,898	118	12,556	66	9,527	52	10,465	23	5,670	12	3,328	3	962	1	666			518	58,525	113	2,851	844

# The Pennsylvania Game Commission

## SGL #26 - Taking Flight Timbersale

### Scribner Rule (BDFT) - All Volumes are Estimates

Block 5 - 21 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
Black Cherry	13	714	30	2,532	35	3,977	35	4,906	17	2,906	15	3,759	16	5,397	11	3,863	5	1,888	1	614	178	30,556	172	43	13
Red Maple	9	427	21	1,649	25	2,881	20	2,880	13	2,850	6	1,514	7	2,299	4	1,667	2	1,134	0	0	107	17,301	162	374	128
N. Red Oak	4	196	2	179	4	544	9	1,587	8	1,842	8	1,950	10	3,195	2	896	3	1,287	3	1,377	53	13,053	246	0	0
American Beech	3	189	5	500	3	419	4	603	2	451	1	236	1	170	0	0	0	0	0	0	19	2,569	135	168	79
Sugar Maple	2	102	3	223	2	274	4	904	0	0	0	0	0	0	0	0	0	0	0	0	11	1,503	137	78	18
American Basswood	0	0	0	0	1	131	2	388	0	0	1	407	0	0	0	0	0	0	0	0	4	926	232	0	0
Sweet Birch	4	191	6	461	1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	718	65	108	29
Cucumbertree	0	0	0	0	1	103	0	0	1	105	0	0	0	0	0	0	0	0	0	0	2	208	104	0	0
N. Red Oak - dead	0	0	0	0	0	0	1	143	0	0	0	0	0	0	0	0	0	0	0	0	1	143	143	0	0
Hickories	1	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	31	31	0	0
Total	36	1,850	67	5,544	72	8,397	75	11,410	41	8,155	31	7,867	34	11,061	17	6,425	10	4,309	4	1,991	387	67,009	173	772	268

**The Pennsylvania Game Commission**  
**SGL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFE) - All Volumes are Estimates**

Block 6 - 29 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
Black Cherry	17	854	33	2,867	52	6,661	54	9,999	55	11,888	33	9,815	19	6,645	9	3,631	4	2,367	3	1,768	279	56,495	202	261	59
N. Red Oak	4	231	19	1,781	29	4,316	17	3,417	16	4,151	25	8,106	17	7,389	17	7,089	9	5,518	8	5,370	161	47,370	294	17	6
Red Maple	9	518	21	1,955	34	4,541	29	5,407	17	3,989	6	2,146	7	1,984	2	771	1	528	0	0	126	21,839	173	152	63
Sugar Maple	16	744	20	1,662	8	909	7	1,037	5	1,018	4	1,239	0	0	0	0	0	0	0	0	60	6,609	110	171	55
American Beech	10	540	14	1,267	13	1,744	6	1,107	5	1,359	1	404	0	0	0	0	0	0	0	0	49	6,421	131	106	51
American Basswood	2	112	2	161	3	507	0	0	3	660	0	0	0	0	0	0	0	0	0	0	10	1,440	144	0	0
Cucumbertree	2	84	1	48	3	473	2	450	1	172	0	0	0	0	0	0	0	0	0	0	9	1,227	136	0	0
Sweet Birch	2	105	2	155	2	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	545	91	92	17
Chestnut Oak	1	32	0	0	0	0	1	178	1	228	0	0	0	0	0	0	0	0	0	0	3	438	146	0	0
Hickories	0	0	2	166	1	188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	354	118	0	0
Black Cherry - dead	0	0	0	0	0	0	0	0	0	0	1	135	1	162	0	0	0	0	0	0	2	297	149	0	0
Yellow-poplar	1	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	31	31	0	0
Total	64	3,251	114	10,060	145	19,625	116	21,595	103	23,464	70	21,846	44	16,180	28	11,492	14	8,412	11	7,138	709	143,065	202	799	251

**The Pennsylvania Game Commission**  
**SGL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFE) - All Volumes are Estimates**

Block 7 - 16 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	17	965	44	3,748	70	9,370	77	13,656	68	16,074	57	16,636	40	12,735	20	8,904	8	3,569	7	4,140	408	89,797	220	83	23
Black Cherry	10	498	21	1,745	32	3,742	40	7,046	25	5,152	11	3,103	1	374	2	514	0	0	1	614	143	22,790	159	41	24
Red Maple	4	196	10	759	10	1,117	5	996	5	1,166	2	692	0	0	0	0	0	0	1	440	37	5,366	145	359	94
Yellow-poplar	3	192	2	142	6	864	0	0	0	0	1	201	1	335	0	0	0	0	0	0	13	1,734	133	0	0
Sugar Maple	0	0	4	298	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	401	80	65	12
Cucumbertree	0	0	2	175	1	171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	346	115	17	8
Chestnut Oak	1	50	2	195	0	0	1	82	0	0	0	0	0	0	0	0	0	0	0	0	4	326	81	27	6
American Basswood	0	0	2	166	1	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	263	88	0	0
American Beech	0	0	0	0	1	72	1	151	0	0	0	0	0	0	0	0	0	0	0	0	2	223	111	0	0
Sweet Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	5
Total	35	1,901	87	7,227	122	15,537	124	21,931	98	22,392	71	20,633	42	13,445	22	9,418	8	3,569	9	5,194	618	121,246	196	620	174

**The Pennsylvania Game Commission**  
**SSL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFT) - All Volumes are Estimates**

Block 8 - 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
Black Cherry	28	1,291	45	3,475	36	3,851	29	4,596	3	403	5	1,206	0	0	0	0	0	0	0	0	146	14,822	102	199	77
Red Maple	13	677	7	579	4	511	5	766	1	111	0	0	0	0	0	0	0	0	0	0	30	2,644	88	305	75
Cucumbertree	11	752	7	665	4	583	1	84	0	0	0	0	0	0	0	0	0	0	0	0	23	2,083	91	7	8
American Beech	2	72	6	467	2	226	1	93	0	0	0	0	0	0	0	0	0	0	0	0	11	859	78	362	95
Sweet Birch	3	136	4	360	1	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	603	75	38	9
Black Cherry - dead	0	0	1	79	0	0	0	0	0	0	1	225	0	0	0	0	0	0	0	0	2	304	152	0	0
Yellow Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	5	
Total	57	2,929	70	5,625	47	5,277	36	5,539	4	514	6	1,431									220	21,315	97	926	269

**The Pennsylvania Game Commission**  
**SSL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFT) - All Volumes are Estimates**

Block 9 - 10 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
Black Cherry	23	1,141	23	1,968	28	3,212	14	2,042	2	293	0	0	0	0	1	324	0	0	0	0	91	8,979	99	490	89
Red Maple	11	552	19	1,246	5	505	4	619	1	182	0	0	1	272	0	0	0	0	0	0	41	3,375	82	106	24
Cucumbertree	5	338	3	273	4	445	2	319	0	0	0	0	0	0	0	0	0	0	0	0	14	1,375	98	63	10
American Beech	9	509	4	273	3	216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	997	62	881	229
Yellow Birch	1	53	4	224	2	212	2	226	0	0	0	0	0	0	0	0	0	0	0	0	9	715	79	0	0
Sweet Birch	4	227	4	250	1	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	619	69	177	32
Total	53	2,819	57	4,233	43	4,733	22	3,206	3	474			1	272	1	324					180	16,061	89	1,716	383

**The Pennsylvania Game Commission**  
**SSL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFT) - All Volumes are Estimates**

Block 10 - 21 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
Black Cherry	8	334	36	2,915	58	6,692	51	8,366	52	12,477	35	8,961	23	7,660	20	7,777	5	1,888	6	2,073	294	59,141	201	0	0
Sugar Maple	8	353	4	271	3	345	4	630	4	751	1	128	0	0	0	0	1	360	0	0	25	2,839	114	111	26
Red Maple	5	248	4	364	2	360	1	143	1	247	0	0	0	0	0	0	0	0	1	777	14	2,139	153	93	18
N. Red Oak	1	54	0	0	0	0	3	581	2	358	1	308	0	0	1	448	0	0	0	0	8	1,748	219	0	0
American Beech	3	150	1	53	1	72	2	244	0	0	0	0	0	0	0	0	0	0	0	0	7	518	74	0	0
Cucumbertree	0	0	0	0	0	0	1	183	0	0	0	0	0	0	0	0	0	0	0	0	1	183	183	0	0
Sweet Birch	1	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	53	53	173	24
Total	26	1,192	45	3,602	64	7,469	62	10,147	59	13,833	37	9,397	23	7,660	21	8,225	6	2,248	7	2,850	350	66,622	190	378	69

**The Pennsylvania Game Commission**  
**SGL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFE) - All Volumes are Estimates**

Block 11 - 22 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
Black Cherry	23	1,095	32	2,426	63	6,943	65	9,036	52	10,040	49	12,184	31	8,875	10	3,193	7	2,489	4	1,846	336	58,127	173	30	7
Sugar Maple	24	931	25	1,858	28	2,903	15	2,115	23	3,840	9	2,213	2	508	2	487	0	0	0	0	128	14,856	116	0	0
Red Maple	16	744	21	1,885	16	1,613	12	1,907	7	1,262	3	917	1	374	3	971	0	0	0	0	79	9,671	122	290	54
N. Red Oak	0	0	1	79	0	0	2	383	1	247	2	609	2	536	1	324	2	759	3	1,304	14	4,241	303	0	0
American Beech	6	318	3	306	2	187	1	151	4	541	2	379	1	286	0	0	0	0	0	0	19	2,167	114	53	7
Cucumbertree	0	0	1	48	0	0	1	227	0	0	1	364	0	0	0	0	0	0	0	0	3	639	213	30	7
Sweet Birch	4	172	0	0	2	209	0	0	1	177	0	0	0	0	0	0	0	0	0	0	7	558	80	171	38
Total	73	3,259	83	6,602	111	11,855	96	13,819	88	16,107	66	16,665	37	10,580	16	4,974	9	3,248	7	3,150	586	90,260	154	575	113

**The Pennsylvania Game Commission**  
**SGL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFE) - All Volumes are Estimates**

Block 12 - 21 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
Black Cherry	14	540	41	3,282	58	6,695	81	13,393	73	14,755	46	11,962	47	14,712	18	7,387	3	1,543	1	290	382	74,561	195	0	0
Sugar Maple	13	498	9	616	13	1,292	11	1,390	9	1,794	4	1,082	1	355	1	307	0	0	0	0	61	7,333	120	18	8
Red Maple	12	489	22	1,781	17	2,280	5	804	3	600	2	443	0	0	0	0	0	0	0	61	6,396	105	0	0	
N. Red Oak	0	0	0	0	1	68	2	337	4	924	2	692	2	646	5	2,586	1	528	1	440	18	6,220	346	0	0
American Beech	13	614	5	356	5	766	3	447	4	690	0	0	1	170	0	0	0	0	0	31	3,045	98	184	39	
American Basswood	1	31	0	0	1	161	0	0	0	0	0	0	3	1,006	1	505	0	0	0	0	6	1,703	284	0	0
Norway Spruce	2	155	0	0	1	161	1	214	0	0	0	0	1	499	0	0	0	0	0	0	5	1,030	206	0	0
Cucumbertree	0	0	1	75	0	0	2	311	2	583	0	0	0	0	0	0	0	0	0	5	969	194	0	0	
Black Cherry - dead	0	0	0	0	1	68	1	89	1	182	0	0	0	0	0	0	0	0	0	3	339	113	0	0	
Sweet Birch	2	67	1	77	1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	4	211	53	18	6	
N. Red Oak - dead	0	0	0	0	0	0	0	0	1	182	0	0	0	0	0	0	0	0	0	1	182	182	0	0	
Yellow Birch	1	53	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	155	78	0	0	
Total	58	2,447	80	6,291	98	11,558	106	16,985	97	19,710	54	14,179	55	17,388	25	10,784	4	2,071	2	730	579	102,143	176	221	53

**The Pennsylvania Game Commission**  
**SGL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFT) - All Volumes are Estimates**

Block All - 240 acres - Pulp Tree Stand and Stock Table																						
	2" DBH		4" DBH		6" DBH		8" DBH		10" DBH		12" DBH		14" DBH		16" DBH		18" DBH		20"+ DBH		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 Tons
American Beech	0	0	0	0	1,275	162	1,441	323	952	370	272	168	113	103	13	17	0	0	0	0	4,065	1,144
Red Maple	0	0	0	0	1,246	148	1,142	248	959	360	383	227	95	83	20	24	0	0	4	9	3,849	1,101
Black Cherry	0	0	0	0	1,082	117	879	200	510	219	235	167	50	54	0	0	0	0	0	0	2,757	758
Sweet Birch	0	0	0	0	633	82	650	127	492	165	97	53	9	7	0	0	0	0	0	0	1,880	434
Sugar Maple	0	0	0	0	193	21	348	81	140	58	48	31	0	0	0	0	0	0	0	0	729	191
Cucumbertree	0	0	0	0	95	5	140	33	68	32	0	0	7	8	0	0	0	0	0	0	311	78
N. Red Oak	0	0	0	0	0	0	54	10	104	37	12	7	0	0	0	0	0	0	0	0	170	54
American Basswood	0	0	0	0	0	0	0	0	0	0	12	8	0	0	0	0	0	0	0	0	12	8
Chestnut Oak	0	0	0	0	0	0	27	6	0	0	0	0	0	0	0	0	0	0	0	0	27	6
Yellow Birch	0	0	0	0	0	0	0	0	15	5	0	0	0	0	0	0	0	0	0	0	15	5
Black Locust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total					4,526	536	4,680	1,030	3,238	1,245	1,058	662	275	256	33	41			4	9	13,815	3,779

**The Pennsylvania Game Commission**  
**SGL #26 - Taking Flight Timbersale**  
**Scribner Rule (BDFT) - All Volumes are Estimates**

Block All - 240 acres - Large Sawtimber Stand and Stock Table																					
	<30" DBH		30" DBH		32" DBH		34" DBH		36" DBH		38" DBH		40" DBH		>40" DBH		Sawtimber Totals			Pulpwood	
Species	#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
Black Cherry	3,082	476,539	10	3,996	3	1,502	3	1,708	0	0	0	0	0	0	0	0	3,098	483,744	156	2,757	758
N. Red Oak	832	183,539	14	7,170	7	4,493	1	574	2	1,808	0	0	0	0	0	0	856	197,584	231	170	54
Red Maple	880	104,316	2	1,217	0	0	0	0	0	0	0	0	0	0	0	0	882	105,533	120	3,849	1,101
Sugar Maple	309	35,051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	309	35,051	113	729	191
American Beech	238	22,938	0	0	0	0	0	0	0	0	0	0	0	0	0	0	238	22,938	96	4,065	1,144
Sweet Birch	169	12,997	0	0	0	0	0	0	0	0	0	0	0	0	0	0	169	12,997	77	1,880	434
Cucumbertree	79	8,987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	8,987	114	311	78
American Basswood	38	5,904	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	5,904	155	12	8
Yellow-poplar	14	1,765	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	1,765	126	0	0
Black Cherry - dead	13	1,651	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	1,651	127	0	0
Norway Spruce	5	1,030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1,030	206	0	0
Yellow Birch	11	870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	870	79	15	5
N. Red Oak - dead	6	830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	830	138	0	0
Chestnut Oak	7	764	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	764	109	27	6
Hickories	4	384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	384	96	0	0
Sweet Birch - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Beech - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Black Locust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Ash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Ash - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cucumbertree - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5,687	857,565	26	12,382	10	5,994	4	2,281	2	1,808							5,729	880,031	1,944	13,815	3,779