

STATE GAME LANDS #: 145

SALE: 145-2022-01

NAME: Falling Behind

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 595,004 board feet of sawlogs and 719 tons of pulpwood located on 90 acres of State Game Lands No. 145, South Londonderry Township, Lebanon 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 **\$10,000.00** 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 **May 30, 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 #145**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, March 6, 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 #: 145
SALE #: 145-2022-01
NAME: Falling Behind

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 595,004 board feet of sawlogs and 719 tons of pulpwood to be cut from 90 acres of State Game Lands No. 145, South Londonderry Township, Lebanon 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 **February 7, 2023**. Viewers will be met at **the first parking area along Rt 117 west of Mount Gretna** at 9:00 a.m. and conducted to the sale area.

The timber to be sold will be clearly designated by **Andy Weaver, 253 Snyder Road, Reading, PA 19605**, telephone: 1-610-926-3136, the Regional Forester.

- BIDS -

BIDS SHOULD BE MAILED EARLY ENOUGH 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 #145**. 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, March 6, 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 **\$10,000.00** 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 **May 30, 2025.**

- PAYMENTS -

The sale is divided into 4 cutting blocks. Payment may be made by:

1. Total payment when agreement is signed.
or
2. Payment by individual block or blocks.
 - 1 – 27% - 27 acres
 - 2 – 31% - 22 acres
 - 3 – 12% - 21 acres
 - 4 – 30% - 20 acres

- 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 5 Attached Sheet(s).

SPECIAL PROVISIONS FOR THE *Falling Behind* TIMBER SALE

STATE GAME LANDS # 145

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) For this timber harvest, all pulpwood trees may be felled, skidded, and chipped in their entirety. A pulpwood tree is defined as follows: that is any tree between 1" DBH and 12" DBH and which does not contain a merchantable saw log.
- c) No cutting or skidding will be allowed in block 4 during the months of January, February, or March unless ground conditions are abnormally dry or frozen. The Regional Forester will make the final decision in this matter.
- d) All top wood 3" in diameter and smaller from all sawtimber trees is reserved and cannot be removed from the site. The tops need to be scattered across the harvest site. Care needs to be taken in block 3 to keep logging slash away from residual trees.
- e) The Regional Forester or his designee will closely monitor harvest and skidder 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.
- f) If site conditions in the woods (for felling, skidding, or trucking) or the use of the haul road become too wet, muddy, or ice covered and could or will cause damage to the property, all phases of the job will be suspended until working conditions are favorable. The Regional Forester will make the final decision in this matter.

2) BOUNDARIES, BLOCKS AND CUTTING INSTRUCTIONS

- a) All sale activity (Felling, Skidding & Trucking) is restricted to the defined sale area. Sale area boundary is defined by blue paint.
- b) No skidding is permitted on the haul road.
- c) In all blocks: All blue painted trees must be left standing and not damaged. All trees marked with yellow paint must be cut through and placed on the ground. All trees between 2" and 6" DBH must be cut through and placed on the ground.
- d) Trees may not be felled into the fields adjacent to Block 1 during the growing season.
- e) All stumps must be less than 12" in height when measured from the ground.

3) US /STATE / LOCAL ROADS

- a) Both PGC access roads are located along Rt. 117.

4) GAME LAND ROADS TO IMPROVE

- a) The timber contractor must improve a haul road at this location for a total distance of 7,268 feet. The road must have

a 12-foot running surface along with a crown and side ditches. Water bars, intercept dips, a culvert pipe, and water turnouts will be used for draining surface water. Stone will be required on portions of the road. All stone locations will have the material tailgate spread to a depth of 2 inches. The Regional forester will designate specific locations for the culvert pipe, stone, and water bars. The side ditches and all disturbed areas must be seeded immediately following construction of the road.

- b) Small borrow pits in the sale area may be used for fill with authorization of the Regional Forester. These sites must be regraded and seeded at the conclusion of usage. This is to be used in addition to required stone, not as a replacement.
- c) One existing culvert pipe and head/tail walls will need to be removed and replaced with a new 24"x20' culvert pipe. Stacked stone head/tail walls will need to be constructed at either end of the new culvert pipe.
- d) Required Clean stone for this harvest
 - 1. Stone is for all designated locations on the haul road.
 - 2. Minimum of 615 tons of AASHTO # 3 (similar to 3A modified) stone for the following locations: Haul road - 600 tons, culverts – 15 tons.
 - 3. Minimum of 400 tons of AASHTO # 1 (similar to #4) stone for the haul road.
 - 4. Receipts may be required to verify the amount of stone applied to the designated locations.
- e) Haul Road Construction / Timeframe
 - 1. The Regional Forester will designate all locations for water bars and intercept dips. Side ditches and disturbed areas must be seeded immediately following grading of the haul road. All road improvements must be completed and approved by the Regional Forester.
 - 2. The timber contractor will supply and replace one smooth bore 24" X 20' black plastic culvert pipes. The pipes must be installed with a backhoe and be covered with a minimum of 15" of AASHTO # 3 stone. Stone head walls must be set on each end of each pipe. The pipe must have side ditches for the drainage of water to the pipe and a tailrace for drainage out of the pipe.
 - 3. All road improvements 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 graded or constructed road. This requirement will be waived if the operator provides a vibrating roller to compact the entire road surface. The road must have a solid surface and not show any movement. The use of the roller is at the discretion of the contractor.
 - 4. Construction and or improvement of the haul road should occur during the time period of April 1 to October 10. During times of wet site conditions, no road construction will be permitted.
 - 5. Between October 10 and April 1 Road construction and road improvements will be permitted providing the following conditions can be met.
 - a. The site conditions must be favorable for the construction of a quality road (Not wet or frozen ground). Excavation and grading of the haul road along with installation of culvert pipe must be able to be completed without creating an erosion hazard.
 - b. Seeding will occur at the completion of the construction. Straw mulch must be applied to all locations, which would require seeding. (Applies to this Time Period).
 - c. The ground must be workable and able to be compacted. Access for stone trucks must adequate. Designated log landing locations must be cleared.

- d. The Regional Forester will have the final decision to approve construction/improvement of the haul road and landing.
- 6. The road improvements must be completed by May 30, 2024.
- 7. All equipment will be cleaned of soil and debris before being moved onto site to prevent spread of invasive species.
- 8. The road will be inspected and approved by the Regional Forester prior to any usage by the timber operator.

5) **LANDINGS**

- a) Three locations have been designated as the log landings for this harvest. The landings are located in blocks 1, 3, and 4. At each location the contractor will be required to build a log landing. The log landings will require the excavation of stumps and rocks as well as the grading and leveling of the site. The contractor will be permitted to load trucks on the haul road providing there is a clear path for other Game Land users to safely utilize the road.
- b) Total size of each landing will be less than ½ acre in size.
- c) Upon completion of the harvest operation, each landing must be cleared of all logging debris/slash and then graded. PGC personnel will seed the landings.

6) **SKIDDING**

- a) No skidding outside of the designated sale area.
- b) Skidding is not permitted through the fields adjacent to Block 1.
- c) All material to be removed from all sale blocks must be skidded to the landings.
- d) If a skid trail will be sitting idle for one month or more, they must have open and functional water bars.
- e) All skid trails will require the grading of wheel ruts, the installation of water bars and seeding at the conclusion of the harvest operation.

7) **SEEDING OF ROADWAYS AND LANDINGS**

- a) The entire haul road will require grading at the completion of the harvest. Final grading and ditches must be established with bulldozer with a six way blade or equivalent piece of equipment. Use of a log skidder or similar type of equipment is not acceptable for grading the road. Failure to use the proper equipment will require a second grading of the road.
- b) Seeding of disturbed sections of the haul road will be required as designated by the Regional Forester.
- c) PGC personnel will seed the landings.
- d) Seeding Specifications:

TRAILS AND ROAD

- 4 lbs. New Zealand White Clover/acre
- 4 lbs. Red Clover/Acre
- 3 lbs. Birdsfoot Tree Foil/Acre
- 60 lbs. Wheat/acre – fall
- 60 lbs Oats/acre - spring

| | |
|-------------------|---|
| Fertilizer: | 400 lbs of 10-10-10/acre |
| Ground Limestone: | 2 tons of lime/acre (Lime must contain 1.4% Mg) |
| Straw Mulch: | 100 bales per acre of clean wheat straw |

Straw Mulch is for the seeding of the Log Landings and designated portion of the haul road. Straw must spread to a depth of less than ½" over the entire seeded location. Clean wheat straw must be used as mulch. No hay or other grass mulch will be permitted. Use of mechanized spreader for straw mulch is required.

Approximately 1.5 acres are expected to be seeded at the conclusion of the harvest. The breakdown is as follows:

| | |
|-------------|-----------|
| Skid Trails | 1.0 acre |
| Haul Road | 0.5 acres |

| | |
|-----------------|---------------------------|
| Spring Seeding: | April 1 to May 30 |
| Fall Seeding: | September 1 to October 10 |

A vegetative cover on all seeded sites will be acceptable when 70 percent of the site has the desired cover. The performance bond will not be released until this requirement is satisfied.

e) Sale Block Clean-up

1. All cleanup work in a sale block must be completed before the contractor will be permitted to move into the next cutting block.
2. All skid trails must be leveled and water bars installed where needed or when directed by the Regional Forester
3. All skid trails must be seeded immediately (spring & fall seeding period) following the completion of its usage.
4. Each log landing must be graded, sawdust and logging debris scattered along with bare mineral soil exposed. PGC personnel will seed the landings.
5. The contractor must notify the Regional Forester prior to the application of lime, fertilizer, seed, and mulch.

8. OPERATIONS AND NON-WORKDAYS

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 Sundays open to hunting.
2. The opening day and all Saturdays during spring gobbler season, including the youth spring gobbler hunt.
3. All the days of the general statewide bear season.
4. The entire two weeks of the general firearms deer season.
5. The opening day of the flintlock muzzleloader season.

b) The timber operator, 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 travel. The contractor may travel to and from the work location on no-work days to check on the condition of equipment. **No felling, skidding, trucking, equipment repair or access for the purpose of hunting at the job site will be permitted.**

c) The contractor is responsible for the control and collection of fluids leaking from any equipment used on the site. The contractor must have a spill containment and cleanup kit appropriate for the equipment being used. At a minimum the kit will contain plugs and clamps to control hydraulic line breaks, a container to collect leaking fluids, fluid absorbent pads and a shovel. Operating any equipment noticeably leaking fluids is prohibited. The

contractor must collect and control fluids leaking from any equipment and dispose of properly.

- d) **It is unlawful to be present on State Game Lands from November 15 through December 15 inclusive when not engaged in lawful hunting or trapping and fail to wear a minimum of 250 square inches of daylight fluorescent-orange material on the head, chest and back combined, or in lieu thereof, a hat of the same colored material. The material shall be worn so it is visible in a 360-degree arc.**

9. 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.

10. MISCELLANEOUS

- a) The timber contractor must comply with erosion and sedimentation control plan for the harvest site. The plan must be on site and available for inspection at all times.
- b) The timber operator should review the plan, due to his responsibility for the implementation of erosion controls during the harvest operation.
- c) PGC gates **must** be closed. Repeated failure to close gates will be penalized.
- d) All equipment will be cleaned of soil and debris before being moved onto site to prevent spread of invasive species.
- e) Vehicle traffic on the PGC access road shall not exceed 25 MPH.
- f) The selling of firewood to the general public will not be permitted. The sale of firewood to a commercial firewood contractor is permitted.
- g) Payment for block 3 of the sale is required at the time of execution of the timber contract. Failure to provide this payment will void the timber contract.
- h) The timber sale contractor will be required to make all necessary PA-1 call notifications.
- i) **This timber contract will expire on May 30, 2025.**
- j) **Final payment is due no later than 120 days before the expiration of the agreement.**
- k) 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.pda.state.pa.us/spottedlanternfly.

Report For Falling Behind

| | | | |
|--------------------------------|----------------|---------------------|--------------------|
| Sale Name: | Falling Behind | SGL Number: | 145 |
| Forester: | Harley Arnold | Report Date: | 12/14/2022 |
| Blocks Numbers in Sale: | 1,2,3,4 | Acres: | 89.2 |
| County: | Lebanon, | Township: | „south londonderry |

The Pennsylvania Game Commission SGL #145 - Falling Behind 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 | 27 | 30% | | 100% Tally | 161,761 | 5,974 | 27% | 100% Tally | 243 | 9 | 34% | 11820 | 34 | 52 |
| 2 | 22 | 24% | | 100% Tally | 182,642 | 8,402 | 31% | 100% Tally | 137 | 6 | 19% | 6899 | 26 | 24 |
| 3 | 21 | 23% | | 100% Tally | 69,462 | 3,324 | 12% | 100% Tally | 178 | 8 | 25% | 2395 | 56 | 77 |
| 4 | 20 | 22% | | 100% Tally | 181,139 | 9,275 | 30% | 100% Tally | 161 | 8 | 22% | 8749 | 11 | 21 |
| Total | 89 | 100% | | | 595,003 | | 100% | | 718 | 8 | 100% | 29862 | 127 | 174 |

The Pennsylvania Game Commission

SGL #145 - Falling Behind Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

| Block All - 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 |
| Yellow-poplar | 45 | 1,877 | 103 | 8,679 | 150 | 22,712 | 171 | 39,107 | 150 | 46,161 | 167 | 65,300 | 185 | 90,383 | 122 | 73,485 | 92 | 61,791 | 147 | 139,146 | 1,332 | 548,640 | 412 | 636 | 180 |
| Red Maple | 24 | 943 | 63 | 4,432 | 35 | 3,542 | 30 | 4,857 | 25 | 5,060 | 8 | 1,867 | 4 | 1,688 | 4 | 1,153 | 0 | 0 | 2 | 1,416 | 195 | 24,957 | 128 | 795 | 229 |
| Sweet Birch | 3 | 120 | 33 | 2,066 | 21 | 2,438 | 13 | 2,291 | 3 | 723 | 0 | 0 | 1 | 158 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 7,795 | 105 | 529 | 127 |
| Aspen | 0 | 0 | 0 | 0 | 10 | 1,128 | 13 | 2,451 | 1 | 222 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 3,801 | 158 | 87 | 39 |
| Black Walnut | 3 | 92 | 8 | 386 | 8 | 732 | 5 | 637 | 1 | 99 | 2 | 397 | 1 | 335 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2,680 | 96 | 59 | 10 |
| Sassafras | 0 | 0 | 3 | 237 | 4 | 318 | 9 | 1,364 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 1,919 | 120 | 182 | 45 |
| Hickories | 1 | 48 | 1 | 71 | 3 | 483 | 0 | 0 | 1 | 325 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 928 | 155 | 46 | 7 |
| Yellow-poplar - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 872 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 872 | 436 | 3 | 0 |
| White Oak | 1 | 33 | 0 | 0 | 0 | 0 | 2 | 272 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 534 | 0 | 0 | 0 | 0 | 4 | 838 | 210 | 18 | 4 |
| White Ash | 0 | 0 | 1 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 756 | 2 | 805 | 403 | 43 | 7 |
| Black Oak | 0 | 0 | 2 | 123 | 0 | 0 | 0 | 0 | 1 | 234 | 0 | 0 | 0 | 0 | 1 | 181 | 0 | 0 | 0 | 0 | 4 | 538 | 135 | 6 | 1 |
| American Beech | 1 | 36 | 1 | 53 | 0 | 0 | 0 | 0 | 1 | 324 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 413 | 138 | 16 | 6 |
| Chestnut Oak | 1 | 32 | 1 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 284 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 388 | 129 | 7 | 2 |
| Black Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 136 | 0 | 0 | 1 | 128 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 264 | 132 | 1 | 0 |
| Black Gum | 0 | 0 | 0 | 0 | 1 | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 98 | 98 | 335 | 47 |
| Black Cherry | 0 | 0 | 0 | 0 | 1 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 68 | 68 | 13 | 2 |
| Sweet Birch - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 |
| White Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 5 |
| Chestnut Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Red Maple - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 |
| Black Locust | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 2 |
| Other Hardwoods | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 |
| Sugar Maple | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| N. Red Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 |
| White Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 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 | 0 | 2 | 0 |
| Hickories - 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 | 0 |
| Total | 79 | 3,180 | 216 | 16,169 | 233 | 31,519 | 244 | 51,114 | 183 | 53,147 | 181 | 68,848 | 191 | 92,564 | 128 | 75,352 | 92 | 61,791 | 150 | 141,318 | 1,697 | 595,003 | 351 | 2,827 | 718 |

The Pennsylvania Game Commission

SGL #145 - Falling Behind Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

| Block 1 - 27 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 |
| Yellow-poplar | 11 | 426 | 32 | 2,694 | 51 | 7,689 | 54 | 12,226 | 34 | 10,543 | 50 | 19,293 | 45 | 20,512 | 42 | 25,331 | 30 | 19,319 | 40 | 32,445 | 389 | 150,480 | 387 | 260 | 64 |
| Red Maple | 4 | 138 | 10 | 648 | 5 | 464 | 2 | 232 | 1 | 111 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1,416 | 24 | 3,008 | 125 | 227 | 65 |
| Sassafras | 0 | 0 | 3 | 237 | 4 | 318 | 9 | 1,364 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 1,919 | 120 | 142 | 37 |
| Black Walnut | 3 | 92 | 7 | 341 | 8 | 732 | 1 | 79 | 1 | 99 | 2 | 397 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 1,742 | 79 | 51 | 9 |
| Aspen | 0 | 0 | 0 | 0 | 4 | 351 | 5 | 904 | 1 | 222 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1,477 | 148 | 34 | 19 |
| Hickories | 1 | 48 | 1 | 71 | 3 | 483 | 0 | 0 | 1 | 325 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 928 | 155 | 25 | 4 |
| Yellow-poplar - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 872 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 872 | 436 | 2 | 0 |
| Sweet Birch | 1 | 53 | 4 | 196 | 5 | 492 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 740 | 74 | 83 | 26 |
| Black Oak | 0 | 0 | 2 | 123 | 0 | 0 | 0 | 0 | 1 | 234 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 357 | 119 | 1 | 0 |
| Black Gum | 0 | 0 | 0 | 0 | 1 | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 98 | 98 | 79 | 10 |
| Chestnut Oak | 0 | 0 | 1 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 73 | 73 | 1 | 1 |
| Black Cherry | 0 | 0 | 0 | 0 | 1 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 68 | 68 | 9 | 2 |
| Sweet Birch - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 |
| White Ash | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 3 |
| Red Maple - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 |
| White Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| Other Hardwoods | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| N. Red Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Total | 20 | 757 | 60 | 4,384 | 82 | 10,695 | 71 | 14,805 | 39 | 11,534 | 54 | 20,562 | 45 | 20,512 | 42 | 25,331 | 30 | 19,319 | 42 | 33,861 | 485 | 161,761 | 334 | 939 | 243 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

The Pennsylvania Game Commission

SGL #145 - Falling Behind Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

| Block 2 - 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 |
| Yellow-poplar | 17 | 699 | 38 | 3,067 | 51 | 7,752 | 69 | 16,108 | 57 | 17,931 | 60 | 24,233 | 78 | 41,157 | 36 | 21,924 | 27 | 19,112 | 25 | 26,336 | 458 | 178,319 | 389 | 181 | 56 |
| Red Maple | 2 | 69 | 2 | 159 | 4 | 351 | 1 | 89 | 4 | 777 | 0 | 0 | 0 | 0 | 1 | 324 | 0 | 0 | 0 | 0 | 14 | 1,768 | 126 | 104 | 22 |
| Black Walnut | 0 | 0 | 1 | 45 | 0 | 0 | 4 | 558 | 0 | 0 | 0 | 0 | 1 | 335 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 939 | 156 | 8 | 1 |
| White Ash | 0 | 0 | 1 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 756 | 2 | 805 | 403 | 33 | 4 |
| Sweet Birch | 1 | 33 | 7 | 482 | 1 | 106 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 158 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 779 | 78 | 115 | 31 |
| Chestnut Oak | 1 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 32 | 32 | 1 | 0 |
| Black Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Black Gum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 7 |
| White Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 |
| Black Locust | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 2 |
| Aspen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 |
| Hickories | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 2 |
| Sassafras | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 1 |
| Sugar Maple | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| American Beech | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 |
| Other Hardwoods | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 |
| White Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Black Cherry | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Black Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Yellow-poplar - 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 | 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 | 0 | 1 | 0 |
| Total | 21 | 833 | 49 | 3,801 | 56 | 8,210 | 74 | 16,755 | 61 | 18,708 | 60 | 24,233 | 80 | 41,650 | 37 | 22,248 | 27 | 19,112 | 26 | 27,093 | 491 | 182,642 | 372 | 549 | 137 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

The Pennsylvania Game Commission

SGL #145 - Falling Behind Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 3 - 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 |
| Yellow-poplar | 4 | 158 | 9 | 681 | 13 | 1,829 | 17 | 3,541 | 25 | 7,136 | 24 | 8,281 | 29 | 11,938 | 12 | 5,667 | 5 | 2,601 | 7 | 5,587 | 145 | 47,419 | 327 | 85 | 21 |
| Red Maple | 15 | 614 | 42 | 2,859 | 24 | 2,508 | 24 | 4,006 | 18 | 3,617 | 7 | 1,560 | 4 | 1,688 | 3 | 829 | 0 | 0 | 0 | 0 | 137 | 17,681 | 129 | 193 | 77 |
| Sweet Birch | 0 | 0 | 12 | 673 | 7 | 845 | 4 | 656 | 1 | 241 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 2,415 | 101 | 199 | 40 |
| White Oak | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 272 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 534 | 0 | 0 | 0 | 0 | 3 | 805 | 268 | 1 | 0 |
| American Beech | 1 | 36 | 1 | 53 | 0 | 0 | 0 | 0 | 1 | 324 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 413 | 138 | 13 | 5 |
| Chestnut Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 284 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 284 | 284 | 0 | 0 |
| Black Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 136 | 0 | 0 | 1 | 128 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 264 | 132 | 0 | 0 |
| Black Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 181 | 0 | 0 | 0 | 0 | 1 | 181 | 181 | 2 | 0 |
| White Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Black Cherry | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Chestnut Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Black Gum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 | 15 |
| Aspen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 12 |
| Sassafras | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 5 |
| Hickories | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 1 |
| Hickories - 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 | 0 |
| N. Red Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 0 | 1 | 0 |
| Other Hardwoods | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Total | 20 | 808 | 64 | 4,266 | 44 | 5,182 | 48 | 8,610 | 45 | 11,318 | 33 | 10,252 | 33 | 13,625 | 17 | 7,211 | 5 | 2,601 | 7 | 5,587 | 316 | 69,462 | 220 | 660 | 178 |

The Pennsylvania Game Commission
SGL #145 - Falling Behind Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

| Block 4 - 20 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 |
| Yellow-poplar | 13 | 593 | 24 | 2,236 | 35 | 5,442 | 31 | 7,232 | 34 | 10,551 | 33 | 13,493 | 33 | 16,777 | 32 | 20,562 | 30 | 20,759 | 75 | 74,778 | 340 | 172,422 | 507 | 110 | 38 |
| Sweet Birch | 1 | 33 | 10 | 716 | 8 | 995 | 9 | 1,635 | 2 | 482 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 3,861 | 129 | 132 | 30 |
| Red Maple | 3 | 123 | 9 | 766 | 2 | 218 | 3 | 530 | 2 | 555 | 1 | 308 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 2,500 | 125 | 271 | 65 |
| Aspen | 0 | 0 | 0 | 0 | 6 | 777 | 8 | 1,547 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 2,324 | 166 | 7 | 6 |
| White Oak | 1 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 33 | 33 | 12 | 2 |
| Black Gum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 15 |
| Sassafras | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 2 |
| Chestnut Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 |
| Hickories | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| White Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| N. Red Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Black Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Other Hardwoods | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Total | 18 | 782 | 43 | 3,718 | 51 | 7,432 | 51 | 10,944 | 38 | 11,588 | 34 | 13,800 | 33 | 16,777 | 32 | 20,562 | 30 | 20,759 | 75 | 74,778 | 405 | 181,139 | 447 | 679 | 161 |

The Pennsylvania Game Commission

SGL #145 - Falling Behind Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

| Block All - 89 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 |
| Red Maple | 0 | 0 | 0 | 0 | 270 | 32 | 275 | 60 | 147 | 55 | 69 | 41 | 25 | 22 | 5 | 6 | 7 | 11 | 1 | 2 | 799 | 229 |
| Yellow-poplar | 0 | 0 | 0 | 0 | 246 | 13 | 204 | 48 | 113 | 53 | 60 | 46 | 11 | 12 | 3 | 4 | 1 | 2 | 1 | 2 | 639 | 180 |
| Sweet Birch | 0 | 0 | 0 | 0 | 249 | 32 | 139 | 27 | 75 | 25 | 57 | 31 | 12 | 10 | 1 | 1 | 0 | 0 | 1 | 2 | 534 | 129 |
| Black Gum | 0 | 0 | 0 | 0 | 215 | 24 | 84 | 11 | 24 | 6 | 6 | 2 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 335 | 47 |
| Sassafras | 0 | 0 | 0 | 0 | 46 | 5 | 48 | 7 | 42 | 10 | 31 | 13 | 11 | 7 | 4 | 4 | 0 | 0 | 0 | 0 | 182 | 45 |
| Aspen | 0 | 0 | 0 | 0 | 3 | 0 | 16 | 2 | 26 | 6 | 16 | 7 | 25 | 20 | 0 | 0 | 1 | 2 | 0 | 0 | 87 | 39 |
| Black Walnut | 0 | 0 | 0 | 0 | 24 | 3 | 22 | 3 | 8 | 2 | 3 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 10 |
| White Oak | 0 | 0 | 0 | 0 | 4 | 0 | 12 | 2 | 3 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 22 | 8 |
| White Ash | 0 | 0 | 0 | 0 | 26 | 2 | 14 | 3 | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 7 |
| Hickories | 0 | 0 | 0 | 0 | 25 | 3 | 12 | 2 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 7 |
| American Beech | 0 | 0 | 0 | 0 | 2 | 0 | 7 | 2 | 3 | 1 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| Chestnut Oak | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 3 |
| Black Cherry | 0 | 0 | 0 | 0 | 9 | 1 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 2 |
| Black Locust | 0 | 0 | 0 | 0 | 9 | 1 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 2 |
| Black Oak | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 1 |
| Other Hardwoods | 0 | 0 | 0 | 0 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 |
| Sugar Maple | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| N. Red Oak | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 |
| White Pine | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Yellow Birch | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Virginia Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ailanthus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Striped Maple | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| American Chestnut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | 1,143 | 118 | 853 | 170 | 460 | 165 | 248 | 145 | 96 | 80 | 14 | 17 | 9 | 15 | 3 | 7 | 2,827 | 718 |

The Pennsylvania Game Commission

SGL #145 - Falling Behind Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

| Block All - 89 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 |
| Yellow-poplar | 1,185 | 409,493 | 61 | 50,714 | 35 | 31,083 | 22 | 22,361 | 14 | 14,621 | 4 | 4,159 | 11 | 16,207 | 0 | 0 | 1,332 | 548,640 | 412 | 636 | 180 |
| Red Maple | 193 | 23,541 | 1 | 255 | 0 | 0 | 0 | 0 | 1 | 1,161 | 0 | 0 | 0 | 0 | 0 | 0 | 195 | 24,957 | 128 | 795 | 229 |
| Sweet Birch | 74 | 7,795 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 7,795 | 105 | 529 | 127 |
| Aspen | 24 | 3,801 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 3,801 | 158 | 87 | 39 |
| Black Walnut | 28 | 2,680 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2,680 | 96 | 59 | 10 |
| Sassafras | 16 | 1,919 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 1,919 | 120 | 182 | 45 |
| Hickories | 6 | 928 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 928 | 155 | 46 | 7 |
| Yellow-poplar - dead | 2 | 872 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 872 | 436 | 3 | 0 |
| White Oak | 4 | 838 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 838 | 210 | 18 | 4 |
| White Ash | 1 | 49 | 1 | 756 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 805 | 403 | 43 | 7 |
| Black Oak | 4 | 538 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 538 | 135 | 6 | 1 |
| American Beech | 3 | 413 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 413 | 138 | 16 | 6 |
| Chestnut Oak | 3 | 388 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 388 | 129 | 7 | 2 |
| Black Oak - dead | 2 | 264 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 264 | 132 | 1 | 0 |
| Black Gum | 1 | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 98 | 98 | 335 | 47 |
| Black Cherry | 1 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 68 | 68 | 13 | 2 |
| N. Red Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweet Birch - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 |
| White Ash - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| White Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 5 |
| Scarlet Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chestnut Oak - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Red Maple - dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 |
| Total | 1,547 | 453,685 | 63 | 51,726 | 35 | 31,083 | 22 | 22,361 | 15 | 15,782 | 4 | 4,159 | 11 | 16,207 | | | 1,697 | 595,003 | 2,922 | 2,790 | 712 |
| | | | | | | | | | | | | | | | | | | | | | |

| | |
|---------------------------------|-----------------------|
| PGC TIMBER SALE | Falling Behind |
| STATE GAME LANDS NO. 145 | |
| SALE NUMBER | 145-2022-01 |

TIMBER SALE COST ESTIMATE

| | | |
|------------------------------------|------------------|--------------------|
| NEW ROAD CONSTRUCTION - | 0 FEET | |
| Machine/Labor | | 0 |
| Tons AASHTO #3 | | 0 |
| Tons AASHTO #4 | | 0 |
| Culvert Pipes | | 0 |
| Seed | | 0 |
| | | <hr/> |
| | | \$0.00 |
| EXISTING ROAD IMPROVEMENT - | 7268 FEET | |
| Machine/Labor | | 7500 |
| Tons AASHTO #3 | | 270 |
| Tons AASHTO #4 | | 7200 |
| Culvert Pipes | | 350 |
| Seed | | 0.00 |
| | | <hr/> |
| | | \$15,320.00 |
| LANDINGS | | |
| Machine/Labor | | 4,200.00 |
| Seed, Lime, Fertilizer | | 0.00 |
| | | <hr/> |
| | | \$4,200.00 |
| SKID TRAILS | | |
| Machine/Labor | | 800.00 |
| Seed | | 150.00 |
| | | <hr/> |
| | | \$950.00 |
| ROAD RETIREMENT | | |
| Machine/Labor | | 5,000.00 |
| Tons AASHTO #3 | | 10,800.00 |
| Tons AASHTO #4 | | 0.00 |
| Seed | | 0.00 |
| | | <hr/> |
| | | \$15,800.00 |
| MISC. COSTS | | |
| Total | | \$0.00 |
| TOTAL COST ESTIMATE | | \$36,270.00 |



West Cornwall
Twp

West Cornwall
Twp

Mt Wilson Rd

SALE TOUR MEETS HERE
PGC PARKING LOT 8 & 117
40.23882, -76.4814

PGC PARKING LOT
40.23756, -76.48796

Timber Hills

Mt Gretna
Mt Gretna Heights

Conewago Lake

P

P

P

P

P

P

P

P

L

P

P

P

L

1

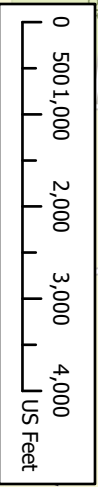
2

3

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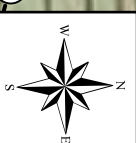
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- Timber Sale**
- Stream
 - State Game Land
 - PA County
 - Log Landing
 - Timber Block
 - Administrative Road
 - Seasonal Road
 - Parking Area



FALLING BEHIND TIMBER SALE
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 145
LEBANON COUNTY
SOUTH LONDENDERRY TOWNSHIP
90 ACRES

Block 1 - 27 acres
Block 2 - 22 acres
Block 3 - 21 acres
Block 4 - 20 acres
Total - 90 acres



Timber Sale

- Culvert
- P Parking Area
- ▭ State Game Land
- Ⓛ Log Landing
- ⋯ PGC Roadway
- ▭ Timber Block

New culvert pipe

1

2

3

4



FALLING BEHIND TIMBER SALE
145-2022-01
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 145
LEBANON COUNTY
SOUTH LONDENDERRY TOWNSHIP

Block 1 - 27 acres
Block 2 - 22 acres
Block 3 - 21 acres
Block 4 - 20 acres
Total - 90 acres



New culvert pipe



1

2

3

4



Timber Sale

- Culvert
- Parking Area
- State Game Land
- Log Landing
- PGC Roadway
- Timber Block

0 250 500 1,000
US Feet

FALLING BEHIND TIMBER SALE
145-2022-01
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 145
LEBANON COUNTY
SOUTH LONDENDERRY TOWNSHIP