

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 121,676 board feet of sawlogs and 6,799 tons of pulpwood located on 114 acres of State Game Lands No. 188, Adams and Beaver Townships, Snyder 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 **\$20,000.00** will be provided to guarantee faithful performance of the agreement.

Removal of timber to be subject to the terms, conditions and stipulations included in the Timber Sale Agreement. It is understood that the contract will run until **June 30, 2019**.

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 #188**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, January 9, 2017**. 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 #:188
SALE #: 188-16-01
NAME: WINDY GOBBLER

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 121,676 board feet of sawlogs and 6,799 tons of pulpwood located on 114 acres of State Game Lands No. 188, Adams and Beaver Townships, Snyder 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 **December 15, 2016**. Viewers will meet at **the PGC Food and Cover Corp building located along Creek Rd. approximately 2 miles north of Beavertown (N 40.777235/W -77.17987)** 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 484, 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 #188**. Bids received in envelopes not containing this information will be rejected.

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

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

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

Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, Pennsylvania 17110-9797, at 2:00 P.M., **Monday, January 9, 2017**, 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 **\$20,000.00** will be required in the form of a Certified Check or a Postal Money Order drawn to the order of the Pennsylvania Game Commission. Negotiable securities, including assignment of a bank savings account may be furnished in lieu of above. A bond with corporate surety approved by the Attorney General, or a bank Irrevocable Letter of Credit, may be posted provided the bond has an expiration date a minimum of 1 year beyond the expiration date of the timber contract.

- EXPIRATION OF CONTRACT -

Contract will expire **June 30, 2019**.

- PAYMENTS -

The sale is divided into 8 cutting blocks. Payment may be made by:

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

- 1 – 5% - 6 acres
- 2 – 21% - 41 acres
- 3 – 2% - 18 acres
- 4 – 3% - 18 acres
- 5 – 46% - 20 acres
- 6 – 7% - 4 acres
- 7 – 11% - 6 acres
- 8 – 5% - 1 acres

Payment for Block 8 (5% of the bid price) is due at contract execution. Progress of payment and sale operations shall continue such that at least 40% of the sale is paid for and operations completed by 6/30/18, and at least 80% completed by 12/31/18. The objective of payment installments is to ensure that harvesting does not exceed payments made. 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 nine (9) attached sheet(s) of Special Provisions.

SPECIAL PROVISIONS FOR THE “WINDY GOBBLER” TIMBER SALE
SGL # 188 - TS # 188-16-01

1) ADMINISTRATIVE ITEMS

- a) The contractor shall provide the Regional Forester or his designee with at least 3 days advance notice prior to moving equipment on-site in anticipation of start-up.
- b) Sawtimber volumes in blocks 5 and 7 were all determined by a 100% tally. Pulpwood volumes were determined by a 10 BAF prism, 1 plot/acre cruise for blocks 5 and 7. Sawtimber and pulpwood volumes were determined using a 10 BAF prism, 1 plot/acre cruise for blocks 1, 4, and 6. Sawtimber and pulpwood volumes were determined using a 10 BAF prism, 1 plot/2.5 acre cruise for blocks 2 and 3. Sawtimber and pulpwood volumes were 100% tallied in block 8.
*** Variable plot sampling (the inventory method used on blocks 1, 2, 3, 4, and 6 of this sale) provides reasonable estimates of number of trees and total volumes, but does not normally support an accurate breakdown of sale volume or number of trees by species and diameter. As with all sales, bidders must make their own determination of timber volume and value as no volumes are guaranteed.**
- c) Whole tree skidding is permitted and strongly encouraged in blocks 1-4 and 6, but after processing topwood must be evenly scattered across the sale blocks. No large piles or mounds are to be made. Whole tree skidding is not permitted in blocks 5, 7, and 8.
- d) Payment for Block 8 (5% of the bid price) is due at contract execution. Progress of payment and sale operations shall continue such that at least 40% of the sale is paid for and operations completed by 6/30/18, and at least 80% completed by 12/31/18. The objective of payment installments is to ensure that harvesting does not exceed payments made. Final payment is due No Later Than 120 days before the expiration of the Agreement.
- e) 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, dial 800-242-1776 or 811.
- f) **All skidding and hauling will be restricted to dry or frozen periods to minimize damage.** If, in the opinion of the OIC, site conditions on the sale area become 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.
- g) 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.
- h) No permanent paint may be used by bidder for marking/cruising this timber sale area.

- i) Operator will supply all employees working on this site with a sale map and copy of the special provisions.

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

- a) The sale consists of eight (8) cutting blocks. The sale boundary is delineated with **BLUE** marked trees with 2 slashes. Corners are marked with 3 slashes. All **BLUE**-marked trees shall remain standing.
- b) Block 8 shall be cut first and must be completed no later than 1-year after contract execution. The remaining blocks may be cut in any order.
- c) Blocks 1 - 4, 6 & 7 - All RED-marked trees are reserved and shall remain standing, as well as dogwood and serviceberry. Trees designated for cutting include all UNPAINTED trees greater than 2" dbh. 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.

Block 5 – All BLUE-marked trees are reserved and shall remain standing, as well as dogwood and serviceberry. Trees designated for cutting include all UNPAINTED trees greater than 2" dbh. 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.

Block 8 - All YELLOW-marked trees shall be cut. These are located along the road to improve that accesses block 2.
- d) 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.
- e) No skidding is permitted on the haul road or any PGC administrative roads.
- f) All stumps must be less than 12" in height when measured from the ground.
- g) Trees designated for cutting must be completely severed from the stump and placed on the ground.
- h) All top wood 3" diameter and smaller is reserved and shall not be removed from the site.
- i) All tops must be pulled back 15 feet from all SGL boundaries, roads, powerlines, and spring runs.

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

- a) Hauling will take place along several roads in Adams and Beaver Townships.
 1. Contact Adams Township at 354 Timber Rd. Beavertown, PA 17813, phone- 570-658-6069
 2. Contact Beaver Township at 762 Sheep Hill Rd. Beavertown PA 17813, phone- 570-658-7551

4) GAME LAND ROAD TO CONSTRUCT / IMPROVE

a) There are no roads to construct for this sale.

b) Road to Improve:

1. The operator will notify the Regional Forester or designee three (3) business days prior to beginning this road improvement work.
2. All roadways used on State Game Lands 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.
3. 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' running surface, and with positive drainage including ditches, broad-based dips, and turnouts. Roads must be crowned or sloped, as directed by the Regional Forester or his designee, to drain all water into the 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.
4. The contractor is responsible for any damage to culverts/headwalls resulting from the timber operation. The contractor will immediately repair and/or replace damaged culverts with black 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.
5. Summary of road improvements:
 - i. Approximately 13,959 feet of existing roadway will be improved by grading to have a 12' running surface, cleaning ditches, tail ditches, catch basins and/or crowning or sloping the road.
 - ii. A dozer with a six-way blade will be required to complete road improvements.
 - iii. Sections of the haul road will require shale applied at times to sustain heavy hauling and as directed by the Regional Forester or his designee.
 - iv. **40 tons of #3 limestone (AASHTO #3).**
 - v. **80 tons of 2RC limestone.**
 - vi. **30 tons of #4 limestone (AASHTO #1).**
 - vii. **A minimum of 280 tons of shale.**
 - viii. **3 – 18”X20’ black double-walled smoothbore plastic culvert pipes.**
 - ix. **1 – 18’X30’ black double walled smoothbore plastic culvert pipe.**

- x. Immediately following road improvement work, disturbed areas adjacent to the haul roads 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.
- xi. All improvements must be approved by the Regional Forester or his designee.
- xii. Prior to hauling, all improvements must be completed on the road associated with that particular sale block.

6. Detailed road improvements:

Road improvements shall require the following:

- i. A **minimum of 280 tons of shale** will be applied to portions of the haul roads associated with this sale as directed by the Regional Forester or his designee. Shale is available on the Game Lands at the existing pit located off of Middle Road.
 - a. 100 tons will be applied from the shale pit to the entrance of Middle Rd.
 - b. 80 tons will be applied on the road leading into Block 1.
 - c. 80 tons will be applied to the road leading into Block 3.
 - d. 20 tons will be applied to pad a culvert on the road into Block 4.
- ii. For an approximate distance of 75 feet, a **minimum of 10 tons of #3 limestone (AASHTO #3) will be tailgated**. This will be for the PGC parking area road entrance off of Ritter Ridge Road (T-594).
- iii. Prior to hauling in Block 2, **3 (3)–18” diameter by 20’ culverts and 1 (1) – 18’ diameter by 30’ culvert** will be installed. Locations are designated with ORANGE paint on trees at approx. areas of culvert installation. The contractor will install the culverts, using a shallow cross pipe installation, during road improvements and prior to hauling as directed by the Regional Forester or his designee. The culverts installations will require 20 tons of 2RC limestone per culvert. The new culvert must be set in approx. 4” of compacted 2RC. This may vary due to site conditions. An additional 8” of 2RC must be compacted around the culvert. The remaining 2RC will need to be placed around and over the culvert and compacted. The contractor will cover the culvert pipe with at least 18” of shale fill and will construct stone headwalls on both ends of the culvert. The contractor is responsible for all shale and/or stone fill necessary for the culvert installations.
- iv. Prior to hauling in Block 2, **six (6) broad based dips** will be installed. Each broad based dip will require 5 tons of #4 limestone and top dressed with #3 limestone on top. Locations of broad based dips is designated with ORANGE paint. A minimum of 30 tons of #4 limestone and 30 tons of #3 limestone is required for all broad based dip installations.

c) 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 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 to the haul roads (including disturbed banks, side ditches, turnouts, berms, etc.) and shale pit road during the appropriate spring or fall seeding period in accordance with Section "7a-7h", Special Provisions.
5. The contractor must provide the Regional Forester or his designee with at least 3 days advance notice of final grading and seeding of the haul roads.
6. The contractor must dig out and leave approximately 60 tons of loose shale at the shale pit for future use by the PGC. Shale pit will be graded to a 1:1 contour (no high walls) and all freshly exposed soil will be seeded with 30 lbs/ac of either oats in the spring or wheat in the fall.

5) LOG LANDING

- a) There are eight (8) designated log landing for this sale, one of which is already existing. Orange marked trees or an orange "L" designate landing boundaries or locations. Some log landings will require the excavation of stumps and rocks as well as the grading and leveling of the site. Stumps are to be scattered singularly at the edge of the landing boundary.
- b) Logging debris on the landings is to be kept to a minimum. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings. All excessive logging debris on the landings is to be removed from the Game Lands by the operator at the conclusion of the sale.
- c) 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.
- d) 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 and straw mulch to the landings during the appropriate spring or fall seeding period in accordance with Section "7a-7e", Special Provisions.
- e) The contractor must provide the Regional Forester or his designee with at least 3 days advance notice of final grading and seeding of the log landings.

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) No skidding is permitted on the haul road or any PGC administrative roads that are located within the sale boundary.
- c) The contractor shall supply and install temporary culverts or skid bridges on skid trails at the discretion of the Regional Forester or his designee.
- d) If a skid trail will be sitting idle for one month or more the contractor must install open and functional water bars.
- e) 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-7e", Special Provisions.
- f) The contractor must provide the Regional Forester or his designee with at least 3 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, Haul Roads and Skid Trails:
50 lbs. per acre: Oats (spring) or Wheat (fall)

b) Weed-free Straw Mulch:

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 ½" over the entire seeded location. Areas to be mulched are the eight (8) log landings associated with this sale.

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

d) **The anticipated minimum area of soil disturbance is 8.3 acres**, but total acreage disturbance could vary depending on contractors operations. Acreage estimate was calculated as follows:

- Haul road: 3.8 acres
- Log landing: 2.9 acres
- Skid trails: 1.6 acres

e) The spring seeding period will run from April 15 through May 31.
The fall seeding period will run from August 15 through September 30.

f) 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 15 will not be inspected until April 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.
 - 2. The opening day and all Saturdays during spring gobbler season, including the youth spring gobbler hunt.
 - 3. The four days of general statewide bear season.
 - 4. The entire 2 weeks of the general firearms deer season.
 - 5. The opening day of the flintlock muzzleloader season.
- b) No 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) **Except on Sundays, 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) If a PGC parking area, outside of the haul road, is used by the operator and additional stone is needed at retirement, 2A modified limestone shall be used.
- e) Vehicle traffic on PGC access roads shall not exceed 25 MPH.
- f) Except for the contractor, no persons shall be permitted to cut or remove firewood.

- g)** 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.
- h)** 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.
- i)** 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 State Game Lands (SGL).
- j)** The contractor will furnish **weigh slips** for stone and **receipts** for all seed and mulch to the Regional Forester immediately following sale retirement.
- 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.*

10) PA RIGHT TO KNOW PROVISIONS

- a) The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, applies to this contract.
- b) Unless the Contractor provides the Commonwealth, in writing, with the name and contact information of another person, the agency shall notify the Contractor using the Contractor information provided by the Contractor in SRM [or “the legal contact information provided in this contract’] if the agency needs the Contractor’s assistance in any matter arising out of the Right to Know Law (“RTKL”). The Contractor shall notify the agency in writing of any change in the name or the contact information within a reasonable time prior to the change.
- c) Upon notification from the Commonwealth that the Commonwealth requires the Contractor’s assistance in responding to a RTKL request for records in the Contractor’s possession, the Contractor shall provide the Commonwealth, within fourteen (14) calendar days after receipt of such notification, access to, and copies of, any document or information in the Contractor’s possession which arises out of the contract that the Commonwealth requests (“Requested Information”) and provided such other assistance as the Commonwealth may request in order to comply with the RTKL. If the Contractor fails to provide the Requested Information within fourteen (14) calendar days after receipt of such request, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, detriment or harm that the Commonwealth may incur as a result of the Contractor’s failure, including any statutory damages assessed against the Commonwealth.
- d) The Commonwealth’s determination as to whether the Requested Information is a public record is dispositive of the question as between the parties. Contractor agrees not to challenge the Commonwealth’s decision to deem the Requested Information a Public Record. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, the Contractor will immediately notify the Commonwealth, and will provide a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL within seven (7) calendar days of receiving the request. If, upon review of the Contractor’s written statement, the Commonwealth still decides to provide the Requested Information, Contractor will not challenge or in any way hold the Commonwealth liable for such a decision.
- e) The Commonwealth will reimburse the Contractor for any costs associated with complying with this provision only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.
- f) Contractor agrees to abide by any decision to release a record to the public made by the Office of Open Records, or by the Pennsylvania Courts. The Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth’s disclosure of Requested Information pursuant to the RTKL. Contractor’s duties relating to the RTKL are continuing duties that survive the expiration of this contract and shall continue as long as the Contractor has Requested Information in its possession.

ESTIMATED TIMBER HARVEST COSTS

SALE NAME: Windy Gobbler

SALE NUMBER: 188-16-01

HAUL ROAD COSTS

ROAD CONSTRUCTION	\$	-
No construction costs		
ROAD IMPROVEMENT	\$	7,520.00
13,959' to improve.	\$	1,800.00
40 tons of #3 limestone (aashto #3)	\$	880.00
30 tons of #4 limestone (aashto #1)	\$	660.00
80 tons of 2RC limestone	\$	1,200.00
280 tons of shale	\$	1,400.00
Culvert pipes & installation	\$	1,560.00
Temp seeding	\$	20.00
Sub-Total	\$	7,520.00

LANDINGS

3 landing - build	\$	1,500.00
5 landings - improve	\$	1,250.00
Temp seeding	\$	10.00
Sub-Total	\$	2,760.00

CLEAN-UP

Final road grading (13,959')	\$	2,400.00
Seeding	\$	108.00
Level and grade skid trails & landings	\$	3,085.00
Sub-Total	\$	5,593.00

OTHER

	\$	-
Sub-Total	\$	-

TOTAL \$15,873.00

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

PA GAME COMMISSION TIMBER SALE BLOCK SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 1,2,3,4,5,6,7,8
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/8/2016
 ACRES 114

Species		BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD N. RED OAK	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA		Totals
Form Class		81	80	79	83	79	83	83	78	79	81	82		
Block No.	Acres	<i>Board Foot Volume - Girard & Mesavage Scribner Rule</i>												
1	6	1,704	395	1,074	2,313	1,063	0	0	0	0	0	0	0	6,550
2	41	4,475	0	2,885	16,729	0	1,914	0	0	0	0	0	0	26,002
3	18	0	0	0	1,924	0	0	0	0	0	0	0	0	1,924
4	18	1,169	1,753	0	858	0	0	0	0	0	0	0	0	3,780
5	20	10,763	15,362	392	14,281	8,359	1,229	1,527	235	1,213	2,133	0	0	55,494
6	4	1,542	1,141	0	1,092	973	0	0	0	2,502	764	0	0	8,015
7	6	5,175	3,638	0	2,821	0	0	0	0	948	584	106	0	13,272
8	1	950	761	242	1,088	2,423	80	0	361	96	637	0	0	6,638
Totals	114	25,778	23,050	4,593	41,106	12,819	3,223	1,527	596	4,759	4,118	106	0	121,676
No. of Trees		274	240	76	435	73	47	17	8	83	33	1	0	1,285
AVG. Bd.ft./Tree		94	96	61	94	176	69	90	75	58	126	106	0	95
No. of Culls		6	4	1	7	0	1	0	3	0	0	0	0	22

<i>Pulpwood Volume</i>					
Block No.	Acres	Cords/ Acre	Tons/ Acre	Total Cords	Total Tons
1	6	20	47	122	282
2	41	34	79	1,409	3,237
3	18	38	88	688	1,583
4	18	31	71	556	1,273
5	20	3	6	55	127
6	4	22	50	87	201
7	6	5	13	33	75
8	1	9	21	9	21
				2,960	6,799

Comments:

All volumes listed are estimates.

MISC HW Species include: American Beech, Basswood, Black Cherry, Sugar Maple, and Yellow Poplar.

MISC SW Species include: Table Mountain Pine and Virginia Pine

PA GAME COMMISSION TIMBER SALE BLOCK SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 1,2,3,4,5,6,7,8
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/8/2016
 ACRES 114

Species	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD N. RED OAK	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA		Totals
Form Class	81	80	79	83	79	83	83	78	79	81	82		
Block No.	Acres	<i>Board Foot Volume - Girard & Mesavage Scribner Rule</i>											
1-8	114	25,778	23,050	4,593	41,106	12,819	3,223	1,527	596	4,759	4,118	106	121,676
Totals	114	25,778	23,050	4,593	41,106	12,819	3,223	1,527	596	4,759	4,118	106	121,676
No. of Trees		274	240	76	435	73	47	17	8	83	33	1	1,285
AVG. Bd.ft./Tree		94	96	61	94	176	69	90	75	58	126	106	95
No. of Culls		6	4	1	7	0	1	0	3	0	0	0	22

<i>Pulpwood Volume</i>					
Block No.	Acres	Cords/Acre	Tons/Acre	Total Cords	Total Tons
1-8	114	26	60	2,960	6,799
				2,960	6,799

Comments:
 All volumes listed are estimates.

MISC HW Species include: American Beech, Basswood, Black Cherry, Sugar Maple, and Yellow Poplar.

MISC SW Species include: Table Mountain Pine and Virginia Pine

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME Windy Gobbler
 BLOCK NUMBER(S) 1,2,3,4,5,6,7,8
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/8/2016
 ACRES 114

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK OAK	81	274	6	25,778	94	21.2	226
CHESTNUT OAK	80	240	4	23,050	96	18.9	202
MISC HW	79	76	1	4,593	61	3.8	40
N. RED OAK	83	435	7	41,106	94	33.8	361
WHITE PINE	79	73	0	12,819	176	10.5	112
RED MAPLE	83	47	1	3,223	69	2.6	28
DEAD N. RED OAK	83	17	0	1,527	90	1.3	13
EASTERN HEMLOCK	78	8	3	596	75	0.5	5
HICKORY	79	83	0	4,759	58	3.9	42
WHITE OAK	81	33	0	4,118	126	3.4	36
DEAD WA	82	1	0	106	106	0.1	1
TOTALS		1,285	22	121,676	95	100	1,066

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
BLACK OAK	444	0	2,173	1.0	19	0.3	0.6
CHESTNUT OAK	250	0	1,894	0.9	17	0.2	0.5
MISC HW	618	0	5,221	2.4	46	0.6	1.4
MISC SW	18,310	100	186,636	84.1	1,637	21.8	50.2
RED MAPLE	1,625	1	7,390	3.3	65	0.9	2.0
DEAD WA	88	0	2,340	1.1	21	0.3	0.5
HICKORY	628	0	3,000	1.4	26	0.4	0.8
N. RED OAK	1,261	0	5,700	2.6	50	0.7	1.5
WHITE PINE	1,196	0	6,005	2.7	53	0.7	1.6
EASTERN HEMLOCK	149	0	670	0.3	6	0.1	0.2
WHITE OAK	107	0	828	0.4	7	0.1	0.2
Misc	51	0	155	0.1	1	0.0	0.0
TOTALS	24,727	101	222,012	100	1,948	26.0	59.6

Total trees less than or equal to 4" dbh to be cut: 9,947

Comments: MISC HW Species include: American Beech, Basswood, Black Cherry, Sugar Maple, and Yellow Poplar.

MISC SW Species include: Table Mountain Pine and Virginia Pine

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME Windy Gobbler
 BLOCK NO. 1,2,3,4,5,6,7,8
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/8/2016
 ACRES 114

Sawtimber Trees												
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	99	80	39	201	9	37	6	5	61	8	0	544
14"	113	65	27	99	23	5	5	2	16	7	0	362
16"	33	55	9	56	15	4	2	1	2	4	1	182
18"	9	16	0	21	14	0	1	0	2	10	0	72
20"	11	11	0	51	7	1	3	0	1	1	0	86
22"	7	4	0	4	2	0	0	0	0	2	0	19
24"	1	5	0	3	3	0	0	0	0	1	0	13
26"	1	3	1	1	0	0	0	0	0	0	0	6
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	1	0	0	0	0	0	0	0	0	0	1
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	274	240	76	435	73	47	17	8	83	33	1	1,285

Sawtimber Volume (bft.)												
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	4,799	3,072	1,182	10,273	449	2,024	267	231	2,578	313	0	25,189
14"	9,508	5,397	1,913	8,310	2,589	508	396	206	1,521	642	0	30,990
16"	4,765	6,586	1,334	7,124	2,761	511	258	159	194	442	106	24,241
18"	1,653	2,549	0	4,118	2,923	0	142	0	246	1,450	0	13,082
20"	2,354	2,010	0	8,632	2,289	180	464	0	220	171	0	16,320
22"	2,175	892	0	968	744	0	0	0	0	655	0	5,434
24"	350	1,415	0	1,113	1,063	0	0	0	0	445	0	4,386
26"	174	875	164	568	0	0	0	0	0	0	0	1,781
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	254	0	0	0	0	0	0	0	0	0	254
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	25,778	23,050	4,593	41,106	12,819	3,223	1,527	596	4,759	4,118	106	121,676

Pulpwood Trees													
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	194	63	143	3,103	1,185	0	397	946	940	136	0	51	7,158
8"	194	90	311	6,251	269	0	160	159	178	3	74	0	7,688
10"	57	97	141	4,991	170	0	37	156	70	1	33	0	5,753
12"	0	0	13	2,541	1	69	35	0	0	0	0	0	2,658
14"	0	0	9	1,196	2	0	0	0	0	9	0	0	1,217
16"	0	0	0	295	0	20	0	0	0	0	0	0	314
18"	0	0	0	20	0	0	0	0	0	0	0	0	20
20" +	0	0	0	13	0	0	0	0	7	0	0	0	20
Total	444	250	618	18,410	1,626	88	628	1,261	1,196	149	107	51	24,828

Pulpwood Volume (cuft.)													
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	535	166	457	9,561	3,487	0	1,208	2,660	2,858	404	0	155	21,490
8"	1,070	599	2,289	37,758	1,647	0	887	1,121	1,320	18	430	0	47,140
10"	568	1,129	1,899	52,734	2,176	0	355	1,919	898	11	397	0	62,085
12"	0	0	276	43,248	20	1,503	550	0	0	0	0	0	45,597
14"	0	0	301	30,648	60	0	0	0	0	238	0	0	31,247
16"	0	0	0	10,801	0	837	0	0	0	0	0	0	11,638
18"	0	0	0	1,026	0	0	0	0	0	0	0	0	1,026
20" +	0	0	0	860	0	0	0	0	929	0	0	0	1,789
Total	2,173	1,894	5,221	186,636	7,390	2,340	3,000	5,700	6,005	670	828	155	222,012

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 1
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/8/2016
 ACRES 6

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BLACK OAK	81	17	2	1,704	103	26.0	284
CHESTNUT OAK	80	13	0	395	31	6.0	66
MISC HW	79	7	0	1,074	150	16.4	179
N. RED OAK	83	24	2	2,313	94	35.3	386
WHITE PINE	79	3	0	1,063	334	16.2	177
RED MAPLE	83	0	0	0	0	0.0	0
DEAD N. RED OAK	83	0	0	0	0	0.0	0
EASTERN HEMLOCK	78	0	0	0	0	0.0	0
HICKORY	79	0	0	0	0	0.0	0
WHITE OAK	81	0	0	0	0	0.0	0
DEAD WA	82	0	0	0	0	0.0	0
TOTALS		64	4	6,550	102	100	1,092

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
BLACK OAK	80	0	304	3.3	51	0.7	1.6
CHESTNUT OAK	69	0	348	3.8	58	0.8	1.8
MISC HW	29	0	203	2.2	34	0.5	1.0
MISC SW	982	98	7,847	85.5	1,308	17.4	40.1
RED MAPLE	131	0	480	5.2	80	1.1	2.5
DEAD WA	0	0	0	0.0	0	0.0	0.0
HICKORY	0	0	0	0.0	0	0.0	0.0
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE PINE	0	0	0	0.0	0	0.0	0.0
EASTERN HEMLOCK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
Misc	0	0	0	0.0	0	0.0	0.0
TOTALS	1,290	98	9,182	100	1,531	20.4	46.9

Total trees less than or equal to 4" dbh to be cut: 114

Comments:

Clear Cut

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 2
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/20/2016
 ACRES 41

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

SPECIES	FORM CLASS	NO. OF TREES		BD.FT.VOL.	VOL.BD.FT. PER TREE	% BY VOLUME	VOLUME BY ACRE
		MERCH.	CULLS				
BLACK OAK	81	51	0	4,475	88	17.2	109
CHESTNUT OAK	80	0	0	0	0	0.0	0
MISC HW	79	60	0	2,885	48	11.1	70
N. RED OAK	83	235	0	16,729	71	64.3	408
WHITE PINE	79	0	0	0	0	0.0	0
RED MAPLE	83	35	0	1,914	55	7.4	47
DEAD RO	83	0	0	0	0	0.0	0
EASTERN HEMLOCK	78	0	0	0	0	0.0	0
HICKORY	79	0	0	0	0	0.0	0
WHITE OAK	81	0	0	0	0	0.0	0
DEAD WA	82	0	0	0	0	0.0	0
TOTALS		381	0	26,002	68	100	634

CUBIC FOOT VOLUME

SPECIES	NO. OF TREES		CU.FT.VOL.	% BY VOLUME	VOLUME BY ACRE		
	MERCH.	CULL			CU.FT.	CORDS	TONS
BLACK OAK	78	0	432	0.4	11	0.1	0.3
CHESTNUT OAK	0	0	0	0.0	0	0.0	0.0
MISC HW	346	0	2,283	2.2	56	0.7	1.7
MISC SW	9,496	0	90,407	85.6	2,205	29.4	67.6
RED MAPLE	892	0	4,369	4.1	107	1.4	3.3
DEAD WA	20	0	837	0.8	20	0.3	0.5
HICKORY	113	0	985	0.9	24	0.3	0.7
N. RED OAK	674	0	3,517	3.3	86	1.1	2.6
WHITE PINE	475	0	2,838	2.7	69	0.9	2.1
EASTERN HEMLOCK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
Misc	0	0	0	0.0	0	0.0	0.0
TOTALS	12,095	0	105,669	100	2,578	34.4	79.0

Total trees less than or equal to 4" dbh to be cut: 2,819

Comments:

Clear Cut

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME Windy Gobbler
 BLOCK NO. 2
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/20/2016
 ACRES 41

Sawtimber Trees												
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	0	0	35	139	0	35	0	0	0	0	0	209
14"	51	0	26	51	0	0	0	0	0	0	0	128
16"	0	0	0	20	0	0	0	0	0	0	0	20
18"	0	0	0	0	0	0	0	0	0	0	0	0
20"	0	0	0	25	0	0	0	0	0	0	0	25
22"	0	0	0	0	0	0	0	0	0	0	0	0
24"	0	0	0	0	0	0	0	0	0	0	0	0
26"	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	51	0	60	235	0	35	0	0	0	0	0	381

Sawtimber Volume (bdf.)												
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	0	0	1,044	6,926	0	1,914	0	0	0	0	0	9,884
14"	4,475	0	1,841	4,091	0	0	0	0	0	0	0	10,407
16"	0	0	0	2,153	0	0	0	0	0	0	0	2,153
18"	0	0	0	0	0	0	0	0	0	0	0	0
20"	0	0	0	3,558	0	0	0	0	0	0	0	3,558
22"	0	0	0	0	0	0	0	0	0	0	0	0
24"	0	0	0	0	0	0	0	0	0	0	0	0
26"	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,475	0	2,885	16,729	0	1,914	0	0	0	0	0	26,002

Pulpwood Trees													
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	0	0	139	1,531	557	0	0	418	418	0	0	0	3,063
8"	78	0	157	3,445	235	0	78	157	0	0	0	0	4,150
10"	0	0	50	2,857	100	0	0	100	50	0	0	0	3,157
12"	0	0	0	1,079	0	0	35	0	0	0	0	0	1,114
14"	0	0	0	486	0	0	0	0	0	0	0	0	486
16"	0	0	0	98	0	20	0	0	0	0	0	0	117
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	7	0	0	0	7
Total	78	0	346	9,496	892	20	113	674	475	0	0	0	12,095

Pulpwood Volume (cuft.)													
6"	0	0	444	4,797	1,636	0	0	1,174	1,270	0	0	0	9,322
8"	432	0	1,166	20,912	1,440	0	436	1,107	0	0	0	0	25,493
10"	0	0	673	30,292	1,292	0	0	1,236	639	0	0	0	34,132
12"	0	0	0	18,372	0	0	550	0	0	0	0	0	18,922
14"	0	0	0	12,447	0	0	0	0	0	0	0	0	12,447
16"	0	0	0	3,587	0	837	0	0	0	0	0	0	4,424
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	929	0	0	0	929
Total	432	0	2,283	90,407	4,369	837	985	3,517	2,838	0	0	0	105,669

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 3
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/21/2016
 ACRES 18

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BLACK OAK	81	0	0	0	0	0.0	0
CHESTNUT OAK	80	0	0	0	0	0.0	0
MISC HW	79	0	0	0	0	0.0	0
N. RED OAK	83	24	0	1,924	80	100.0	107
WHITE PINE	79	0	0	0	0	0.0	0
RED MAPLE	83	0	0	0	0	0.0	0
DEAD RO	83	0	0	0	0	0.0	0
EASTERN HEMLOCK	78	0	0	0	0	0.0	0
HICKORY	79	0	0	0	0	0.0	0
WHITE OAK	81	0	0	0	0	0.0	0
DEAD WA	82	0	0	0	0	0.0	0
TOTALS		24	0	1,924	80	100	107

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
BLACK OAK	0	0	0	0.0	0	0.0	0.0
CHESTNUT OAK	0	0	0	0.0	0	0.0	0.0
MISC HW	74	0	546	1.1	30	0.4	0.9
MISC SW	4,197	0	45,925	88.9	2,551	34.0	78.2
RED MAPLE	309	0	1,378	2.7	77	1.0	2.3
DEAD WA	0	0	0	0.0	0	0.0	0.0
HICKORY	0	0	0	0.0	0	0.0	0.0
N. RED OAK	524	0	1,472	2.9	82	1.1	2.5
WHITE PINE	278	0	1,491	2.9	83	1.1	2.5
EASTERN HEMLOCK	131	0	389	0.8	22	0.3	0.7
WHITE OAK	74	0	430	0.8	24	0.3	0.7
Misc	0	0	0	0.0	0	0.0	0.0
TOTALS	5,586	0	51,631	100	2,869	38.2	88.0

Total trees less than or equal to 4" dbh to be cut: 1,473

Comments:

Clear Cut

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME Windy Gobbler
 BLOCK NO. 3
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/21/2016
 ACRES 18

Sawtimber Trees												
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0	0	0	0
14"	0	0	0	24	0	0	0	0	0	0	0	24
16"	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	0	0	0	0	0	0	0	0	0
20"	0	0	0	0	0	0	0	0	0	0	0	0
22"	0	0	0	0	0	0	0	0	0	0	0	0
24"	0	0	0	0	0	0	0	0	0	0	0	0
26"	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	24	0	0	0	0	0	0	0	24

Sawtimber Volume (bdf.)												
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0	0	0	0	0
14"	0	0	0	1,924	0	0	0	0	0	0	0	1,924
16"	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	0	0	0	0	0	0	0	0	0
20"	0	0	0	0	0	0	0	0	0	0	0	0
22"	0	0	0	0	0	0	0	0	0	0	0	0
24"	0	0	0	0	0	0	0	0	0	0	0	0
26"	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1,924	0	0	0	0	0	0	0	1,924

Pulpwood Trees													
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	0	0	0	655	262	0	0	524	131	131	0	0	1,703
8"	0	0	74	1,326	0	0	0	0	147	0	74	0	1,621
10"	0	0	0	1,037	47	0	0	0	0	0	0	0	1,084
12"	0	0	0	720	0	0	0	0	0	0	0	0	720
14"	0	0	0	385	0	0	0	0	0	0	0	0	385
16"	0	0	0	74	0	0	0	0	0	0	0	0	74
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	74	4,197	309	0	0	524	278	131	74	0	5,586

Pulpwood Volume (cuft.)													
6"	0	0	0	2,051	770	0	0	1,472	398	389	0	0	5,080
8"	0	0	546	8,048	0	0	0	0	1,093	0	430	0	10,117
10"	0	0	0	10,999	608	0	0	0	0	0	0	0	11,607
12"	0	0	0	12,266	0	0	0	0	0	0	0	0	12,266
14"	0	0	0	9,861	0	0	0	0	0	0	0	0	9,861
16"	0	0	0	2,700	0	0	0	0	0	0	0	0	2,700
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	546	45,925	1,378	0	0	1,472	1,491	389	430	0	51,631

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 4
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/1/2016
 ACRES 18

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BLACK OAK	81	23	0	1,169	51	30.9	65
CHESTNUT OAK	80	13	0	1,753	136	46.4	97
MISC HW	79	0	0	0	0	0.0	0
N. RED OAK	83	8	0	858	104	22.7	48
WHITE PINE	79	0	0	0	0	0.0	0
RED MAPLE	83	0	0	0	0	0.0	0
DEAD RO	83	0	0	0	0	0.0	0
EASTERN HEMLOCK	78	0	0	0	0	0.0	0
HICKORY	79	0	0	0	0	0.0	0
WHITE OAK	81	0	0	0	0	0.0	0
DEAD WA	82	0	0	0	0	0.0	0
TOTALS		44	0	3,780	86	100	210

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
BLACK OAK	92	0	250	0.6	14	0.2	0.4
CHESTNUT OAK	52	0	343	0.8	19	0.3	0.6
MISC HW	85	0	809	1.9	45	0.6	1.4
MISC SW	3,015	0	36,596	87.8	2,033	27.1	62.3
RED MAPLE	92	0	269	0.6	15	0.2	0.5
DEAD WA	69	0	1,503	3.6	84	1.1	2.2
HICKORY	143	0	566	1.4	31	0.4	1.0
N. RED OAK	33	0	407	1.0	23	0.3	0.7
WHITE PINE	183	0	558	1.3	31	0.4	1.0
EASTERN HEMLOCK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	33	0	397	1.0	22	0.3	0.7
Misc	0	0	0	0.0	0	0.0	0.0
TOTALS	3,796	0	41,698	100	2,317	30.9	70.7

Total trees less than or equal to 4" dbh to be cut: 825

Comments:

Clear Cut

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME Windy Gobbler
 BLOCK NO. 4
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/1/2016
 ACRES 18

Sawtimber Trees												
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	23	0	0	0	0	0	0	0	0	0	0	23
14"	0	0	0	0	0	0	0	0	0	0	0	0
16"	0	13	0	0	0	0	0	0	0	0	0	13
18"	0	0	0	0	0	0	0	0	0	0	0	0
20"	0	0	0	8	0	0	0	0	0	0	0	8
22"	0	0	0	0	0	0	0	0	0	0	0	0
24"	0	0	0	0	0	0	0	0	0	0	0	0
26"	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	23	13	0	8	0	0	0	0	0	0	0	44

Sawtimber Volume (bdf.)												
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	1,169	0	0	0	0	0	0	0	0	0	0	1,169
14"	0	0	0	0	0	0	0	0	0	0	0	0
16"	0	1,753	0	0	0	0	0	0	0	0	0	1,753
18"	0	0	0	0	0	0	0	0	0	0	0	0
20"	0	0	0	858	0	0	0	0	0	0	0	858
22"	0	0	0	0	0	0	0	0	0	0	0	0
24"	0	0	0	0	0	0	0	0	0	0	0	0
26"	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,169	1,753	0	858	0	0	0	0	0	0	0	3,780

Pulpwood Trees													
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	92	0	0	458	92	0	92	0	183	0	0	0	917
8"	0	52	52	877	0	0	52	0	0	0	0	0	1,031
10"	0	0	33	693	0	0	0	33	0	0	33	0	792
12"	0	0	0	573	0	69	0	0	0	0	0	0	642
14"	0	0	0	269	0	0	0	0	0	0	0	0	269
16"	0	0	0	116	0	0	0	0	0	0	0	0	116
18"	0	0	0	20	0	0	0	0	0	0	0	0	20
20" +	0	0	0	8	0	0	0	0	0	0	0	0	8
Total	92	52	85	3,015	92	69	143	33	183	0	33	0	3,796

Pulpwood Volume (cuft.)													
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	250	0	0	1,436	269	0	279	0	558	0	0	0	2,792
8"	0	343	366	5,321	0	0	287	0	0	0	0	0	6,316
10"	0	0	443	7,349	0	0	0	407	0	0	397	0	8,597
12"	0	0	0	9,757	0	1,503	0	0	0	0	0	0	11,260
14"	0	0	0	6,903	0	0	0	0	0	0	0	0	6,903
16"	0	0	0	4,252	0	0	0	0	0	0	0	0	4,252
18"	0	0	0	1,026	0	0	0	0	0	0	0	0	1,026
20" +	0	0	0	553	0	0	0	0	0	0	0	0	553
Total	250	343	809	36,596	269	1,503	566	407	558	0	397	0	41,698

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 5
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/1/2016
 ACRES 20

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BLACK OAK	81	85	2	10,763	127	19.4	538
CHESTNUT OAK	80	145	1	15,362	106	27.7	768
MISC HW	79	5	0	392	78	0.7	20
N. RED OAK	83	97	3	14,281	147	25.7	714
WHITE PINE	79	51	0	8,359	164	15.1	418
RED MAPLE	83	11	1	1,229	112	2.2	61
DEAD RO	83	17	0	1,527	90	2.8	76
EASTERN HEMLOCK	78	3	1	235	78	0.4	12
HICKORY	79	16	0	1,213	76	2.2	61
WHITE OAK	81	14	0	2,133	152	3.8	107
DEAD WA	82	0	0	0	0	0.0	0
TOTALS		444	8	55,494	125	100	2,775

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
BLACK OAK	18	0	183	4.4	9	0.1	0.3
CHESTNUT OAK	84	0	833	20.1	42	0.6	1.3
MISC HW	77	0	1,320	31.9	66	0.9	2.0
MISC SW	36	0	436	10.5	22	0.3	0.7
RED MAPLE	51	0	150	3.6	7	0.1	0.2
DEAD WA	0	0	0	0.0	0	0.0	0.0
HICKORY	51	0	155	3.7	8	0.1	0.2
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE PINE	200	0	911	22.0	46	0.6	1.4
EASTERN HEMLOCK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
Misc	51	0	155	3.7	8	0.1	0.2
TOTALS	567	0	4,142	100	208	2.8	6.4

Total trees less than or equal to 4" dbh to be cut: 114

Comments:
 Overstory Removal

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME Windy Gobbler
 BLOCK NO. 5
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/1/2016
 ACRES 20

Sawtimber Trees												
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	21	36	2	23	5	2	6	2	9	4	0	110
14"	24	41	1	20	23	4	5	0	5	2	0	125
16"	22	37	2	25	14	4	2	1	0	3	0	110
18"	7	14	0	11	4	0	1	0	1	1	0	39
20"	6	8	0	13	4	1	3	0	1	1	0	37
22"	5	3	0	3	1	0	0	0	0	2	0	14
24"	0	4	0	1	0	0	0	0	0	1	0	6
26"	0	2	0	1	0	0	0	0	0	0	0	3
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	85	145	5	97	51	11	17	3	16	14	0	444

Sawtimber Volume (bdf.)												
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	839	1,454	60	1,097	246	110	267	76	342	128	0	4,619
14"	2,042	3,123	72	1,951	2,589	428	396	0	479	200	0	11,280
16"	3,282	4,304	260	3,591	2,631	511	258	159	0	302	0	15,298
18"	1,334	2,395	0	2,472	1,016	0	142	0	172	232	0	7,763
20"	1,589	1,652	0	3,391	1,406	180	464	0	220	171	0	9,073
22"	1,677	688	0	840	471	0	0	0	0	655	0	4,331
24"	0	1,167	0	371	0	0	0	0	0	445	0	1,983
26"	0	579	0	568	0	0	0	0	0	0	0	1,147
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	10,763	15,362	392	14,281	8,359	1,229	1,527	235	1,213	2,133	0	55,494

Pulpwood Trees													
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	0	0	0	0	51	0	51	0	153	0	0	51	306
8"	0	29	0	29	0	0	0	0	29	0	0	0	86
10"	18	55	55	0	0	0	0	0	18	0	0	0	147
12"	0	0	13	0	0	0	0	0	0	0	0	0	13
14"	0	0	9	0	0	0	0	0	0	0	0	0	9
16"	0	0	0	7	0	0	0	0	0	0	0	0	7
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	18	84	77	36	51	0	51	0	200	0	0	51	567

Pulpwood Volume (cuft.)													
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	0	0	0	0	150	0	155	0	465	0	0	155	924
8"	0	190	0	174	0	0	0	0	213	0	0	0	577
10"	183	642	743	0	0	0	0	0	234	0	0	0	1,801
12"	0	0	276	0	0	0	0	0	0	0	0	0	276
14"	0	0	301	0	0	0	0	0	0	0	0	0	301
16"	0	0	0	262	0	0	0	0	0	0	0	0	262
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	183	833	1,320	436	150	0	155	0	911	0	0	155	4,142

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 6
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/8/2016
 ACRES 4

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BLACK OAK	81	22	0	1,542	70	19.2	385
CHESTNUT OAK	80	9	0	1,141	122	14.2	285
MISC HW	79	0	0	0	0	0.0	0
N. RED OAK	83	6	0	1,092	193	13.6	273
WHITE PINE	79	6	0	973	172	12.1	243
RED MAPLE	83	0	0	0	0	0.0	0
DEAD RO	83	0	0	0	0	0.0	0
EASTERN HEMLOCK	78	0	0	0	0	0.0	0
HICKORY	79	48	0	2,502	53	31.2	626
WHITE OAK	81	6	0	764	135	9.5	191
DEAD WA	82	0	0	0	0	0.0	0
TOTALS		96	0	8,015	84	100	2,003

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
BLACK OAK	145	0	820	12.5	205	2.7	6.3
CHESTNUT OAK	0	0	0	0.0	0	0.0	0.0
MISC HW	0	0	0	0.0	0	0.0	0.0
MISC SW	363	0	4,339	66.1	1,085	14.5	33.3
RED MAPLE	69	0	386	5.9	97	1.3	3.0
DEAD WA	0	0	0	0.0	0	0.0	0.0
HICKORY	181	0	624	9.5	156	2.1	4.8
N. RED OAK	0	0	0	0.0	0	0.0	0.0
WHITE PINE	51	0	155	2.4	39	0.5	1.2
EASTERN HEMLOCK	9	0	238	3.6	59	0.8	1.8
WHITE OAK	0	0	0	0.0	0	0.0	0.0
Misc	0	0	0	0.0	0	0.0	0.0
TOTALS	819	0	6,562	100	1,641	21.9	50.3

Total trees less than or equal to 4" dbh to be cut: 4,583

Comments:

Clear Cut

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME Windy Gobbler
 BLOCK NO. 6
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/8/2016
 ACRES 4

Sawtimber Trees												
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	13	0	0	0	0	0	0	0	38	0	0	51
14"	9	9	0	0	0	0	0	0	9	0	0	28
16"	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	6	6	0	0	0	0	6	0	17
20"	0	0	0	0	0	0	0	0	0	0	0	0
22"	0	0	0	0	0	0	0	0	0	0	0	0
24"	0	0	0	0	0	0	0	0	0	0	0	0
26"	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	22	9	0	6	6	0	0	0	48	6	0	96

Sawtimber Volume (bdf.)												
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	840	0	0	0	0	0	0	0	1,604	0	0	2,445
14"	702	1,141	0	0	0	0	0	0	898	0	0	2,741
16"	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	1,092	973	0	0	0	0	764	0	2,830
20"	0	0	0	0	0	0	0	0	0	0	0	0
22"	0	0	0	0	0	0	0	0	0	0	0	0
24"	0	0	0	0	0	0	0	0	0	0	0	0
26"	0	0	0	0	0	0	0	0	0	0	0	0
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,542	1,141	0	1,092	973	0	0	0	2,502	764	0	8,015

Pulpwood Trees													
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	51	0	0	0	51	0	153	0	51	0	0	0	306
8"	57	0	0	115	0	0	29	0	0	0	0	0	201
10"	37	0	0	165	18	0	0	0	0	0	0	0	220
12"	0	0	0	51	0	0	0	0	0	0	0	0	51
14"	0	0	0	28	0	0	0	0	0	9	0	0	37
16"	0	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	5	0	0	0	0	0	0	0	0	5
Total	145	0	0	363	69	0	181	0	51	9	0	0	819

Pulpwood Volume (cuft.)													
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	139	0	0	0	150	0	464	0	155	0	0	0	908
8"	316	0	0	696	0	0	159	0	0	0	0	0	1,171
10"	365	0	0	1,750	236	0	0	0	0	0	0	0	2,352
12"	0	0	0	867	0	0	0	0	0	0	0	0	867
14"	0	0	0	719	0	0	0	0	0	238	0	0	957
16"	0	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	307	0	0	0	0	0	0	0	0	307
Total	820	0	0	4,339	386	0	624	0	155	238	0	0	6,562

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 7
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/6/2016
 ACRES 6

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BLACK OAK	81	69	1	5,175	75	39.0	863
CHESTNUT OAK	80	54	2	3,638	67	27.4	606
MISC HW	79	0	0	0	0	0.0	0
N. RED OAK	83	33	0	2,821	85	21.3	470
WHITE PINE	79	0	0	0	0	0.0	0
RED MAPLE	83	0	0	0	0	0.0	0
DEAD RO	83	0	0	0	0	0.0	0
EASTERN HEMLOCK	78	0	0	0	0	0.0	0
HICKORY	79	17	0	948	56	7.1	158
WHITE OAK	81	7	0	584	83	4.4	97
DEAD WA	82	1	0	106	106	0.8	18
TOTALS		181	3	13,272	73	100	2,212

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
BLACK OAK	29	0	158	6.4	26	0.4	0.8
CHESTNUT OAK	18	0	214	8.7	36	0.5	1.1
MISC HW	0	0	0	0.0	0	0.0	0.0
MISC SW	218	0	1,041	42.4	174	2.3	5.3
RED MAPLE	51	0	150	6.1	25	0.3	0.8
DEAD WA	0	0	0	0.0	0	0.0	0.0
HICKORY	139	0	665	27.1	111	1.5	3.4
N. RED OAK	18	0	226	9.2	38	0.5	1.2
WHITE PINE	0	0	0	0.0	0	0.0	0.0
EASTERN HEMLOCK	0	0	0	0.0	0	0.0	0.0
WHITE OAK	0	0	0	0.0	0	0.0	0.0
Misc	0	0	0	0.0	0	0.0	0.0
TOTALS	473	0	2,454	100	410	5.5	12.5

Total trees less than or equal to 4" dbh to be cut: 0

Comments:
 Shelterwood

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME Windy Gobbler
 BLOCK NO. 7
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/6/2016
 ACRES 6

Sawtimber Trees												
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	40	29	0	23	0	0	0	0	12	3	0	107
14"	18	14	0	4	0	0	0	0	2	3	0	41
16"	4	4	0	2	0	0	0	0	2	0	1	13
18"	1	2	0	2	0	0	0	0	1	1	0	7
20"	4	3	0	0	0	0	0	0	0	0	0	7
22"	2	1	0	1	0	0	0	0	0	0	0	4
24"	0	0	0	1	0	0	0	0	0	0	0	1
26"	0	1	0	0	0	0	0	0	0	0	0	1
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	69	54	0	33	0	0	0	0	17	7	1	181

Sawtimber Volume (bdf.)												
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	1,834	1,123	0	1,406	0	0	0	0	536	153	0	5,052
14"	1,513	1,035	0	343	0	0	0	0	144	296	0	3,331
16"	480	468	0	296	0	0	0	0	194	0	106	1,544
18"	184	154	0	277	0	0	0	0	74	135	0	824
20"	666	358	0	0	0	0	0	0	0	0	0	1,024
22"	498	204	0	128	0	0	0	0	0	0	0	830
24"	0	0	0	371	0	0	0	0	0	0	0	371
26"	0	296	0	0	0	0	0	0	0	0	0	296
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	0	0	0	0	0	0	0	0	0	0	0
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	5,175	3,638	0	2,821	0	0	0	0	948	584	106	13,272

Pulpwood Trees													
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	0	0	0	153	51	0	102	0	0	0	0	0	306
8"	29	0	0	29	0	0	0	0	0	0	0	0	57
10"	0	18	0	37	0	0	37	18	0	0	0	0	110
12"	0	0	0	0	0	0	0	0	0	0	0	0	0
14"	0	0	0	0	0	0	0	0	0	0	0	0	0
16"	0	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	29	18	0	218	51	0	139	18	0	0	0	0	473

Pulpwood Volume (cuft.)													
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	0	0	0	479	150	0	310	0	0	0	0	0	938
8"	158	0	0	174	0	0	0	0	0	0	0	0	332
10"	0	214	0	389	0	0	355	226	0	0	0	0	1,184
12"	0	0	0	0	0	0	0	0	0	0	0	0	0
14"	0	0	0	0	0	0	0	0	0	0	0	0	0
16"	0	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	158	214	0	1,041	150	0	665	226	0	0	0	0	2,454

PA GAME COMMISSION TIMBER SALE SUMMARY

SALE NAME Windy Gobbler
 BLOCK NO. 8
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/10/2016
 ACRES 1

VOLUME TABLE - Girard & Mesavage Scribner Rule

All volumes listed are estimates

BOARD FOOT VOLUME

<u>SPECIES</u>	<u>FORM CLASS</u>	<u>NO. OF TREES</u>		<u>BD.FT.VOL.</u>	<u>VOL.BD.FT. PER TREE</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>
		<u>MERCH.</u>	<u>CULLS</u>				
BLACK OAK	81	7	1	950	136	14.3	950
CHESTNUT OAK	80	6	1	761	127	11.5	761
MISC HW	79	3	1	242	81	3.6	242
N. RED OAK	83	8	2	1,088	136	16.4	1,088
WHITE PINE	79	13	0	2,423	186	36.5	2,423
RED MAPLE	83	1	0	80	80	1.2	80
DEAD RO	83	0	0	0	0	0.0	0
EASTERN HEMLOCK	78	5	2	361	72	5.4	361
HICKORY	79	2	0	96	48	1.4	96
WHITE OAK	81	6	0	637	106	9.6	637
DEAD WA	82	0	0	0	0	0.0	0
TOTALS		51	7	6,638	130	100	6,638

CUBIC FOOT VOLUME

<u>SPECIES</u>	<u>NO. OF TREES</u>		<u>CU.FT.VOL.</u>	<u>% BY VOLUME</u>	<u>VOLUME BY ACRE</u>		
	<u>MERCH.</u>	<u>CULL</u>			<u>CU.FT.</u>	<u>CORDS</u>	<u>TONS</u>
BLACK OAK	3	0	25	3.8	25	0.3	0.8
CHESTNUT OAK	27	0	156	23.2	156	2.1	4.8
MISC HW	8	0	60	8.9	60	0.8	1.8
MISC SW	3	2	45	6.6	45	0.6	1.4
RED MAPLE	31	1	209	31.0	209	2.8	6.4
DEAD WA	0	0	0	0.0	0	0.0	0.0
HICKORY	1	0	6	0.8	6	0.1	0.2
N. RED OAK	11	0	78	11.5	78	1.0	2.4
WHITE PINE	8	0	52	7.8	52	0.7	1.6
EASTERN HEMLOCK	9	0	43	6.4	43	0.6	1.3
WHITE OAK	0	0	0	0.0	0	0.0	0.0
Misc	0	0	0	0.0	0	0.0	0.0
TOTALS	101	3	674	100	674	9.0	20.7

Total trees less than or equal to 4" dbh to be cut: 19

Comments:
 Individual Selection

PA GAME COMMISSION TIMBER SALE STAND AND STOCK TABLE

SALE NAME Windy Gobbler
 BLOCK NO. 8
 COUNTY Snyder
 TOWNSHIP Beaver & Adams

SGL NO. 188
 FORESTER MAM
 DATE 6/10/2016
 ACRES 1

Sawtimber Trees												
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	2	2	2	3	4	0	0	3	2	1	0	19
14"	1	1	0	0	0	1	0	2	0	2	0	7
16"	0	1	0	2	1	0	0	0	0	1	0	5
18"	1	0	0	2	4	0	0	0	0	2	0	9
20"	1	0	0	0	3	0	0	0	0	0	0	4
22"	0	0	0	0	1	0	0	0	0	0	0	1
24"	1	1	0	1	0	0	0	0	0	0	0	3
26"	1	0	1	0	0	0	0	0	0	0	0	2
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	1	0	0	0	0	0	0	0	0	0	1
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	7	6	3	8	13	1	0	5	2	6	0	51

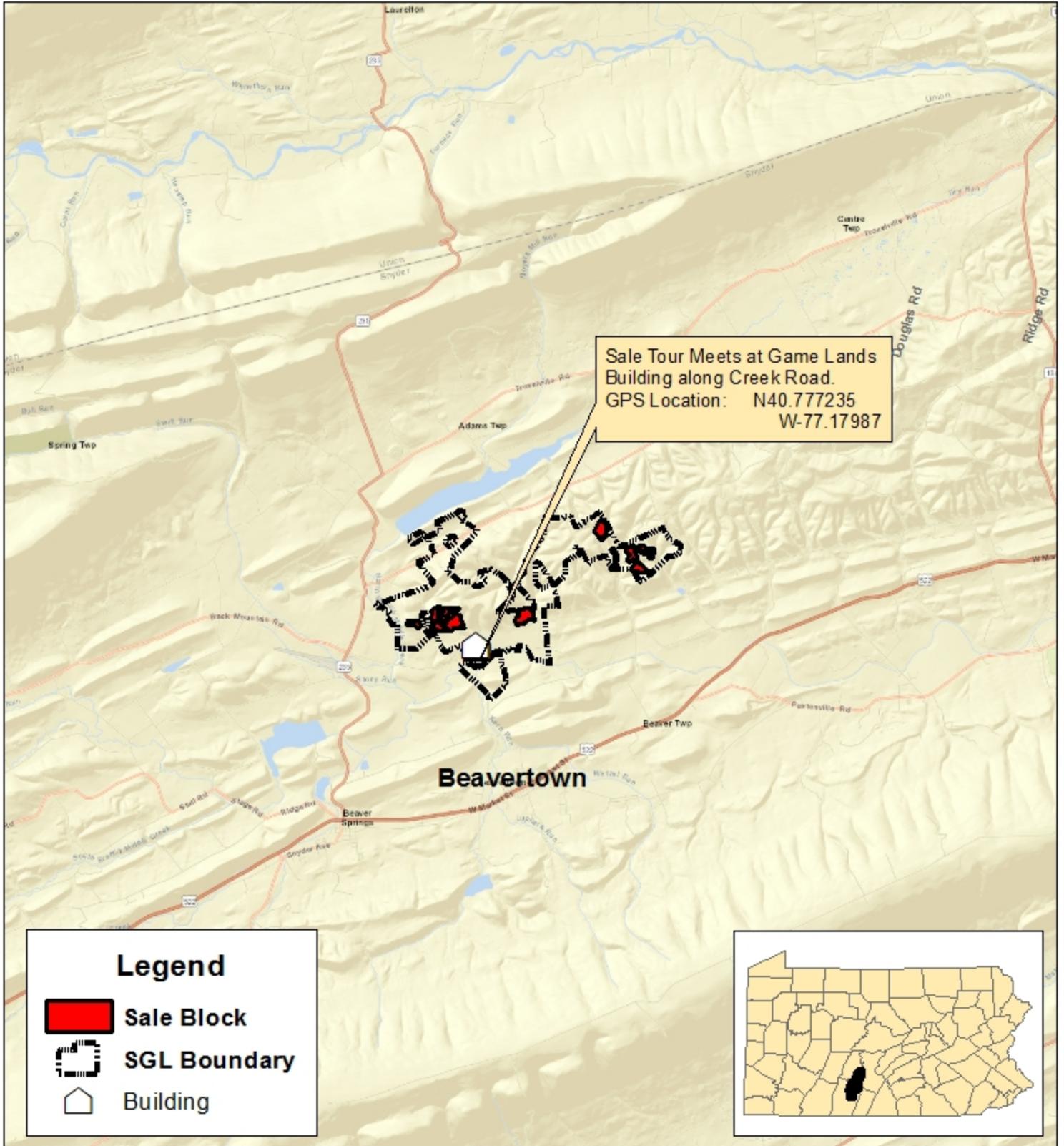
Sawtimber Volume (bdf.)												
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	N. RED OAK	WHITE PINE	RED MAPLE	DEAD RO	EASTERN HEMLOCK	HICKORY	WHITE OAK	DEAD WA	Total
10"	0	0	0	0	0	0	0	0	0	0	0	0
12"	117	100	78	144	203	0	0	155	96	32	0	925
14"	75	98	0	0	0	80	0	206	0	146	0	605
16"	0	61	0	296	130	0	0	0	0	140	0	627
18"	135	0	0	277	934	0	0	0	0	319	0	1,665
20"	99	0	0	0	883	0	0	0	0	0	0	982
22"	0	0	0	0	273	0	0	0	0	0	0	273
24"	350	248	0	371	0	0	0	0	0	0	0	969
26"	174	0	164	0	0	0	0	0	0	0	0	338
28"	0	0	0	0	0	0	0	0	0	0	0	0
30"	0	0	0	0	0	0	0	0	0	0	0	0
32"	0	254	0	0	0	0	0	0	0	0	0	254
34"	0	0	0	0	0	0	0	0	0	0	0	0
36"	0	0	0	0	0	0	0	0	0	0	0	0
38"	0	0	0	0	0	0	0	0	0	0	0	0
40" +	0	0	0	0	0	0	0	0	0	0	0	0
Total	950	761	242	1,088	2,423	80	0	361	96	637	0	6,638

Pulpwood Trees													
SPECIES DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	0	12	4	0	20	0	0	5	4	5	0	0	50
8"	1	10	1	1	5	0	1	2	2	3	0	0	26
10"	2	5	3	1	4	0	0	4	2	1	0	0	22
12"	0	0	0	3	1	0	0	0	0	0	0	0	4
14"	0	0	0	0	2	0	0	0	0	0	0	0	2
16"	0	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	27	8	5	32	0	1	11	8	9	0	0	104

Pulpwood Volume (cuft.)													
DBH	BLACK OAK	CHESTNUT OAK	MISC HW	MISC SW	RED MAPLE	DEAD WA	HICKORY	N. RED OAK	WHITE PINE	EASTERN HEMLOCK	WHITE OAK	Misc	Total
6"	0	32	12	0	59	0	0	14	12	15	0	0	144
8"	6	66	8	0	31	0	6	14	15	18	0	0	163
10"	20	58	40	11	39	0	0	49	25	11	0	0	253
12"	0	0	0	34	20	0	0	0	0	0	0	0	54
14"	0	0	0	0	60	0	0	0	0	0	0	0	60
16"	0	0	0	0	0	0	0	0	0	0	0	0	0
18"	0	0	0	0	0	0	0	0	0	0	0	0	0
20" +	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	25	156	60	45	209	0	6	78	52	43	0	0	674

Windy Gobbler Timber Sale # 188-16-01 Location Map

SGL 188
Beaver & Adams Townships
Snyder County



Forester: Marshall
8/4/2016

0 0.5 1
Miles

1 inch = 1.58 miles



SGL 188

Windy Gobbler Timber Sale

Beaver and Adams Townships

188-16-01

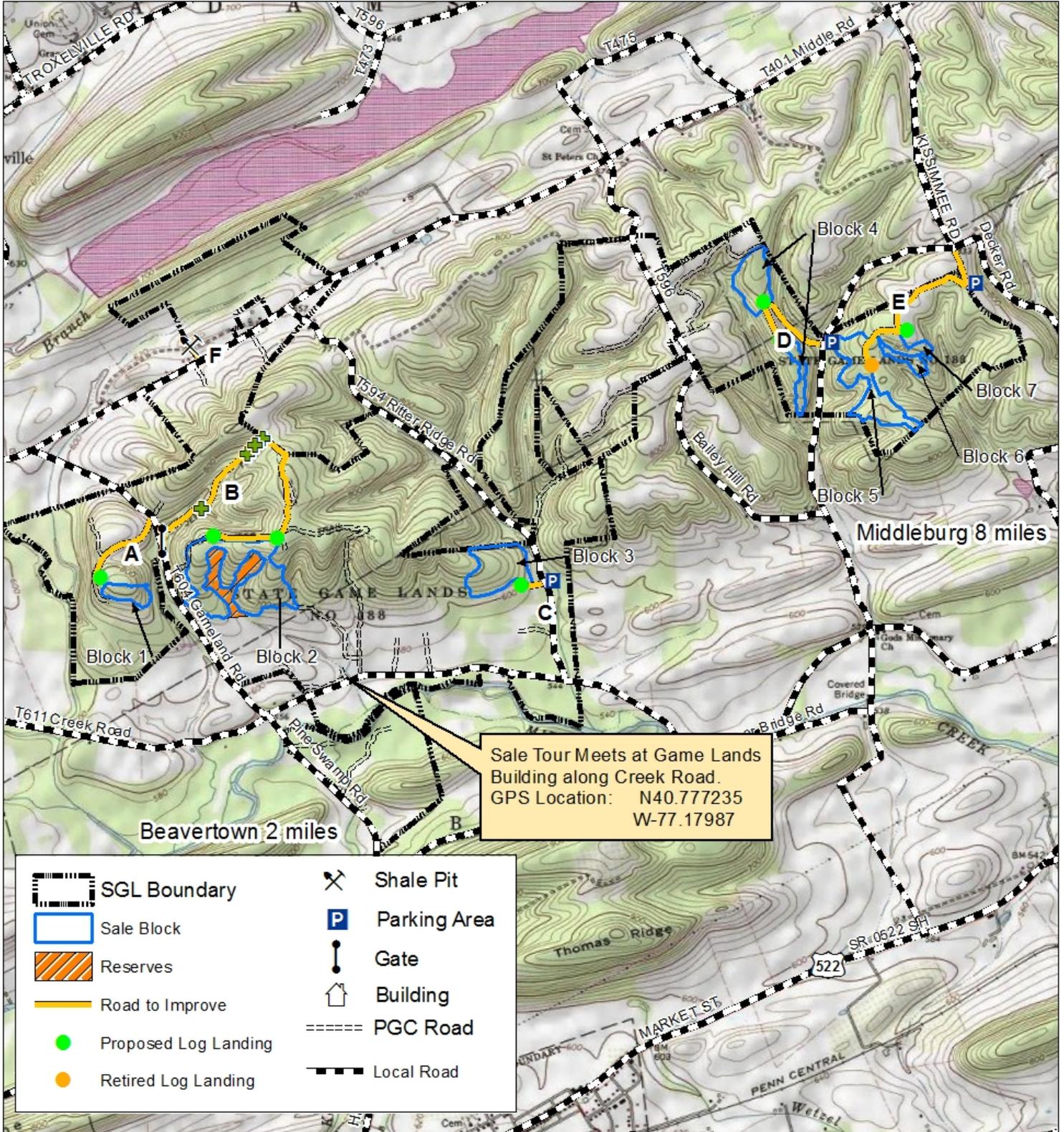
Snyder County

Compartment(s): 1&2

Stand(s): 44,50,63

24,28,56,59

Block 1: 6 ac; 6 MBF; 282 Tons (Clearcut)
 Block 2: 41 ac; 26 MBF; 3,237 Tons (Clearcut)
 Block 3: 18 ac; 2 MBF; 1,583 Tons (Clearcut)
 Block 4: 18 ac; 4 MBF; 1,273 Tons (Clearcut)
 Block 5: 20 ac; 56 MBF; 127 Tons (OR)
 Block 6: 4 ac; 8 MBF; 201 Tons (Clearcut)
 Block 7: 6 ac; 13 MBF; 75 Tons (Shelterwood)
 Block 8: 1 ac; 7 MBF; 21 Tons (Individual Selection)
 Reserve: 12 ac
 Total: 126 acres; 122 MBF; 6,799 Tons



Forester: Marshall
08/4/2016

0 0.25 0.5
 Miles

1 inch = 2,500 feet

