

STATE GAME LANDS #: 264

SALE: 264-2022-02

NAME: Constantly Adapting

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 403,230 board feet of sawlogs and 1,803 tons of pulpwood located on 93 acres of State Game Lands No. 264, Lykens and Wiconisco Townships, Dauphin 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 **\$7,000.00** 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, 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 #264**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, June 26, 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 #: 264
SALE #: 264-2022-02
NAME: Constantly Adapting

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 403,230 board feet of sawlogs and 1,803 tons of pulpwood to be cut from 93 acres of State Game Lands No. 264, Lykens and Wiconisco Townships, Dauphin 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 **June 7, 2023**. Viewers will be met in the SGL parking area at the end of Mountain Road (40.58324, -76.75233) at 12:00 p.m., and conducted to the sale area.

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

- BIDS -

BIDS SHOULD BE MAILED WELL BEFORE THE 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 #264**. Bids received in envelopes not containing this information will be rejected.

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

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

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

Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, Pennsylvania 17110-9797, at 2:00 P.M., **Monday, June 26, 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 **\$7,000.00** 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, 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 – 18% - 12 acres
2 – 28% - 19 acres
3 – 17% - 19 acres
4 – 37% - 33 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 6 Attached Sheet(s).

SPECIAL PROVISIONS FOR THE "CONSTANTLY ADAPTING" TIMBER SALE

STATE GAME LANDS # 264

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) No cutting or skidding will be permitted during the months of January, February, or March. This restriction may be waived by the Regional Forester during abnormally dry conditions.
- c) 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. Whole tree skidding of trees over 12" DBH is not permitted.
- 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.
- e) The skid trail leading from the landing at the end of the road into Block 3 may be improved into a road if desired by the Contractor. The landing constructed at the end of the optional road would replace the landing at the end of the existing road. The cost estimates found within this document do not reflect any costs associated with the construction of this optional road.
- f) 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.
- g) 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 Red and Blue painted trees must be left standing and not damaged. All unmarked trees 1" in diameter and larger in these blocks must be cut through and placed on the ground.
- d) All stumps must be less than 12" in height when measured from the ground.

3) US /STATE / LOCAL ROADS

- a) The PGC access road entrance is at the end of Mountain Road.

4) GAME LAND ROADS TO BUILD / IMPROVE

- a) The timber contractor must improve about 5,000 feet of haul road at this location. The road must have a 12-foot running surface along with a crown and side ditches. Water bars, intercept dips, culvert pipes (2 locations), and water turnouts will be used for draining surface water. There are 7 existing culvert pipes that will need to be cleaned out. Stone will be required on portions of the road. All stone locations will have the material tailgate spread. The Regional forester will designate specific locations for culvert pipes, stone, and water bars. The side ditches and all disturbed areas must be seeded immediately following construction of the road.
- b) The timber contractor may construct about 1,800 feet of haul road to access blocks 3 and 4. This road is optional. The road must have a 12-foot running surface along with a crown and side ditches. Water bars, intercept dips, and water turnouts will be used for draining surface water. The side ditches and all disturbed areas must be seeded immediately following the construction of the road. The cost estimates within this document do not include any costs associated with this optional road.
- c) 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.
- d) Required stone for this harvest
 1. Stone is for all designated locations on the haul road.
 2. Minimum of 230 tons of AASHTO # 3 (similar to 3A modified) stone for the following locations: Haul road - 200 tons, culverts – 30 tons.
 3. Minimum of 500 tons of AASHTO #1 stone for the following locations: Haul road. This stone will be applied to the road prior to beginning harvesting/trucking operations.
 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 culvert pipes, 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 install two smooth bore 18" X20' 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. The Contractor will clean out 7 existing culverts prior to any harvesting/trucking operations.
 4. 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.
 5. 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.
 6. 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.
7. The road improvements must be completed prior to any harvesting/trucking activity.
8. All equipment will be cleaned of soil and debris before being moved onto site to prevent spread of invasive species.
9. The road will be inspected and approved by the Regional Forester prior to any usage by the timber operator.

5) LANDINGS

- a) Two locations have been designated as the log landings for this harvest. The landings are located in Block 2, and west of Block 3. 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, limed, fertilized, seeded, and mulched. The PGC will supply the seed for the landings.

6) SKIDDING

- a) No skidding outside of the designated sale area.
- b) There is a designated skid trail between blocks 3 and 4. This skid trail will be used to remove all material from Block 4. This trail will require water bars and seeding upon completion.
- c) Skidding of material onto the landings may require the crossing of the haul road in blocks 1 and 2. Damage to the road surface will be repaired immediately following the completion of the harvest in the blocks. Crossing sites must be approved by the regional forester.
- d) The skid trail leading from the landing into Block 3 may be improved into a road. This decision will be made by the Contractor.
- e) All skid trails indicated on the attached map have the approximate centerline marked with orange paint.
- f) Skidding is not permitted through reserve sale areas or islands except for the designated skid trail between blocks 3 and 4.
- g) All material to be removed from all sale blocks must be skidded to the landings.
- h) If a skid trail will be sitting idle for one month or more, they must have open and functional water bars.
- i) 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) Seeding Specifications:

SKID TRAILS, AND ROADWAYS

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

LOG LANDINGS

Seed will be provided to the contractor by the PGC. The contractor is required to grade and clear landings of stone and debris and seed, fertilize, and mulch landings.

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 portions of the haul road. Straw must spread to a depth of less than 1/2" 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:

Log landings	1.0 acres
Skid Trails	0.5 acre
Haul Road	0.0 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.

- d) 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,

and ground lime, fertilizer, seed, and straw mulch applied. Seeding of these sites is only permitted during the designated seeding periods.

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 1 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 June 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 Constantly Adapting

Sale Name:	Constantly Adapting	SGL Number:	264
Forester:	Curtis Noll	Report Date:	05/02/2023
Blocks Numbers in Sale:	1, 2, 3, 4	Acres:	83
County:	Dauphin	Township:	Lykens, Wiconisco

The Pennsylvania Game Commission SGL #264 - Constantly Adapting Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Sale Summary by Harvest Block														
	Area			Sawtimber				Pulpwood				Culls		
Block Number	Acres	% of Sale	Harvest Type	Method	BDFT	Per Acre	% of Sale	Method	Tons	Per Acre	% of Sale	2 - 4"	6 - 10"	12 +"
1	12	14%	Overstory Removal	BAF 10 Plot	71,200	6,063	18%	BAF 10 Plot	147	13	8%	3,196	54	201
2	19	23%	Overstory Removal	BAF 10 Plot	113,746	6,114	28%	BAF 10 Plot	175	9	10%	6,112	94	336
3	19	23%	Clearcut with Reserves	BAF 10 Plot	69,618	3,721	17%	BAF 10 Plot	618	33	34%	2,546	639	240
4	33	40%	Clearcut with Reserves	BAF 10 Plot	148,667	4,496	37%	BAF 10 Plot	863	26	48%	5,272	460	651
Total	83	100%			403,230		100%		1,803	22	100%	17,126	1,247	1,428

Pulpwood was sampled in block(s) 1, 2, 3, 4 with a precision of +/- 12.2% (90% C.I.)

Sawtimber was sampled in block(s) 1, 2, 3, 4 with a precision of +/- 9.9% (90% C.I.)

The Pennsylvania Game Commission

SGL #264 - Constantly Adapting Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 83 acres

	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	67	2,297	143	12,544	129	18,544	148	31,652	185	49,283	67	23,706	21	8,798	45	22,307	6	4,077	0	0	811	173,208	213	340	128
Black Oak	18	597	129	10,738	139	14,598	85	16,262	81	18,770	40	10,781	15	4,508	11	4,311	0	0	0	0	518	80,564	156	214	48
Yellow-poplar	0	0	12	824	8	1,349	45	8,951	25	7,693	41	16,808	21	9,493	13	8,376	15	8,571	8	5,933	187	67,998	364	75	16
Red Maple	34	1,551	86	6,488	56	8,090	38	6,937	11	2,380	9	2,861	4	1,012	0	0	0	0	0	0	239	29,319	123	3,357	776
Chestnut Oak	19	593	83	6,622	61	5,646	16	1,738	48	10,878	5	1,544	0	0	0	0	0	0	0	0	232	27,022	116	308	108
Sweet Birch	0	0	41	2,371	29	3,854	15	2,678	7	1,587	5	718	0	0	0	0	0	0	0	0	97	11,209	116	1,500	403
White Oak	0	0	14	1,032	11	1,793	7	898	0	0	0	0	0	0	0	0	0	0	0	0	31	3,723	121	0	0
Black Gum	0	0	0	0	0	0	23	3,354	0	0	0	0	0	0	0	0	0	0	0	0	23	3,354	144	1,109	166
Scarlet Oak	0	0	0	0	11	1,417	0	0	5	898	0	0	0	0	0	0	0	0	0	0	16	2,315	146	0	0
Aspen	0	0	0	0	0	0	15	1,893	0	0	0	0	0	0	0	0	0	0	0	0	15	1,893	128	48	33
Hickories	0	0	11	777	10	1,006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	1,783	84	96	18
Chestnut Oak - dead	0	0	0	0	8	842	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	842	101	326	61
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203	28
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	41	5
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	73	8
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	6
Total	138	5,037	519	41,396	462	57,140	391	74,364	361	91,490	167	56,418	61	23,810	70	34,994	21	12,648	8	5,933	2,197	403,230	184	7,730	1,803

The Pennsylvania Game Commission
SGL #264 - Constantly Adapting Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 12 acres

	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	19	643	27	2,538	32	4,502	42	9,838	13	4,139	11	4,239	9	3,943	8	3,957	0	0	0	0	161	33,799	210	0	0
Yellow-poplar	0	0	0	0	0	0	17	2,750	13	4,370	11	4,178	5	2,332	0	0	0	0	0	0	46	13,630	297	0	0
Red Maple	19	1,008	41	3,229	21	2,685	17	3,215	0	0	0	0	0	0	0	0	0	0	0	0	98	10,137	104	355	100
Black Oak	0	0	0	0	21	2,545	0	0	7	1,577	0	0	0	0	0	0	0	0	0	0	28	4,122	149	0	0
White Oak	0	0	14	1,032	11	1,793	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	2,825	117	0	0
Black Gum	0	0	0	0	0	0	17	2,505	0	0	0	0	0	0	0	0	0	0	0	0	17	2,505	151	88	17
Sweet Birch	0	0	14	673	11	1,498	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	2,170	90	112	30
Scarlet Oak	0	0	0	0	11	1,417	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1,417	135	0	0
Chestnut Oak	19	593	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	593	32	0	0
Total	56	2,244	96	7,473	105	14,439	91	18,308	34	10,087	22	8,417	14	6,275	8	3,957					427	71,200	167	555	147

The Pennsylvania Game Commission
SGL #264 - Constantly Adapting Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 19 acres

	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	0	0	70	7,043	36	5,497	28	6,985	45	13,931	28	10,775	0	0	7	4,841	3	2,303	0	0	217	51,375	237	12	10
Yellow-poplar	0	0	12	824	0	0	28	6,201	6	1,846	19	8,193	12	4,876	13	8,376	15	8,571	8	5,933	112	44,821	402	75	16
Red Maple	16	543	23	1,841	27	3,898	21	3,722	6	1,406	9	2,861	0	0	0	0	0	0	0	0	102	14,272	140	80	36
Chestnut Oak	0	0	23	1,667	0	0	0	0	6	1,612	0	0	0	0	0	0	0	0	0	0	29	3,279	113	0	0
Sweet Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	479	99
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	75	14
Total	16	543	128	11,375	62	9,395	77	16,908	63	18,795	56	21,829	12	4,876	20	13,217	17	10,874	8	5,933	459	113,746	248	720	175

The Pennsylvania Game Commission

SGL #264 - Constantly Adapting Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 3 - 19 acres																									
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	30	1,024	33	2,285	0	0	46	8,602	27	6,247	0	0	7	3,141	3	1,420	0	0	0	0	146	22,720	155	144	37
Black Oak	0	0	22	1,645	25	2,246	20	3,326	21	4,998	18	3,371	15	4,508	3	573	0	0	0	0	124	20,667	167	36	11
Chestnut Oak	0	0	33	2,663	50	4,997	0	0	16	3,289	0	0	0	0	0	0	0	0	0	0	99	10,950	110	100	41
Red Maple	0	0	22	1,418	8	1,507	0	0	5	974	0	0	4	1,012	0	0	0	0	0	0	39	4,910	125	1,435	340
Yellow- poplar	0	0	0	0	8	1,349	0	0	5	1,477	0	0	0	0	0	0	0	0	0	0	14	2,826	206	0	0
Sweet Birch	0	0	0	0	8	890	7	1,543	0	0	0	0	0	0	0	0	0	0	0	0	15	2,433	162	217	60
White Oak	0	0	0	0	0	0	7	898	0	0	0	0	0	0	0	0	0	0	0	0	7	898	136	0	0
Scarlet Oak	0	0	0	0	0	0	0	0	5	898	0	0	0	0	0	0	0	0	0	0	5	898	168	0	0
Black Gum	0	0	0	0	0	0	7	849	0	0	0	0	0	0	0	0	0	0	0	0	7	849	128	452	72
Aspen	0	0	0	0	0	0	7	849	0	0	0	0	0	0	0	0	0	0	0	0	7	849	128	48	33
Chestnut Oak - dead	0	0	0	0	8	842	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	842	101	0	0
Hickories	0	0	11	777	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	777	71	96	18
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6
Total	30	1,024	120	8,788	109	11,831	93	16,066	80	17,883	18	3,371	26	8,661	6	1,993					482	69,618	144	2,542	618

The Pennsylvania Game Commission

SGL #264 - Constantly Adapting Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 4 - 33 acres

	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	18	630	13	677	62	8,546	33	6,228	99	24,966	27	8,692	5	1,714	27	12,089	3	1,774	0	0	287	65,315	227	184	81
Black Oak	18	597	108	9,093	93	9,807	65	12,936	53	12,194	22	7,410	0	0	8	3,737	0	0	0	0	366	55,776	152	177	37
Chestnut Oak	0	0	27	2,292	10	649	16	1,738	26	5,978	5	1,544	0	0	0	0	0	0	0	0	85	12,201	143	208	67
Yellow-poplar	0	0	0	0	0	0	0	0	0	0	11	4,436	5	2,284	0	0	0	0	0	0	15	6,721	434	0	0
Sweet Birch	0	0	27	1,698	10	1,467	8	1,135	7	1,587	5	718	0	0	0	0	0	0	0	0	57	6,606	115	693	214
Aspen	0	0	0	0	0	0	8	1,044	0	0	0	0	0	0	0	0	0	0	0	0	8	1,044	128	0	0
Hickories	0	0	0	0	10	1,006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	1,006	98	0	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	41	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	326	61
Red Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,488	301
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	494	63
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	188	22
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	73	8
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	6
Total	37	1,227	175	13,760	185	21,475	130	23,081	185	44,725	71	22,801	9	3,998	35	15,826	3	1,774			830	148,667	179	3,913	863

The Pennsylvania Game Commission

SGL #264 - Constantly Adapting Timbersale

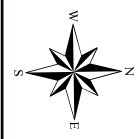
Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 82 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	1,563	185	1,109	241	520	195	179	106	50	43	10	12	0	0	0	0	3,430	784
Sweet Birch	0	0	0	0	670	87	421	83	166	56	160	87	51	43	18	21	8	13	7	14	1,500	403
Chestnut Oak	0	0	0	0	146	11	239	47	153	53	81	46	13	11	0	0	0	0	0	0	634	169
Black Gum	0	0	0	0	935	103	108	15	0	0	0	0	61	39	0	0	0	0	5	10	1,109	166
N. Red Oak	0	0	0	0	60	6	75	14	101	36	66	39	39	34	0	0	0	0	0	0	340	128
Black Oak	0	0	0	0	73	10	82	12	48	12	52	21	0	0	0	0	0	0	0	0	255	54
Aspen	0	0	0	0	0	0	0	0	0	0	15	7	33	27	0	0	0	0	0	0	48	33
Sassafras	0	0	0	0	146	16	41	6	0	0	15	6	0	0	0	0	0	0	0	0	203	28
Hickories	0	0	0	0	60	7	0	0	21	5	15	6	0	0	0	0	0	0	0	0	96	18
Yellow-poplar	0	0	0	0	63	3	0	0	0	0	0	0	12	13	0	0	0	0	0	0	75	16
Serviceberry	0	0	0	0	0	0	41	6	0	0	0	0	0	0	0	0	0	0	0	0	41	6
White Pine	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
Black Cherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total					3,715	427	2,117	422	1,009	356	582	318	258	210	28	34	8	13	12	24	7,730	1,803

PGC TIMBER SALE CONSTANTLY ADAPTING
STATE GAME LANDS NO. 264
264-2022-02

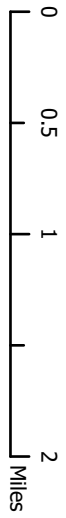
TIMBER SALE COST ESTIMATE

NEW ROAD CONSTRUCTION -	0 FEET	
Machine/Labor		1000
Tons AASHTO #3		540
Tons AASHTO #4		0
Culvert Pipes		520
Seed		0
		<hr/>
		\$2,060.00
EXISTING ROAD IMPROVEMENT -	5000 FEET	
Machine/Labor		1250
Tons AASHTO #3		0
Tons AASHTO #4		9000
Culvert Pipes		0
Seed		0.00
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		\$10,250.00
LANDINGS		
Machine/Labor		2,800.00
Seed, Lime, Fertilizer		1,600.00
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		\$4,400.00
SKID TRAILS		
Machine/Labor		800.00
Seed		150.00
		<hr/>
		\$950.00
ROAD RETIREMENT		
Machine/Labor		2,500.00
Tons AASHTO #3		3,600.00
Tons AASHTO #4		0.00
Seed		0.00
		<hr/>
		\$6,100.00
MISC. COSTS		
Total		\$0.00
TOTAL COST ESTIMATE		\$23,760.00



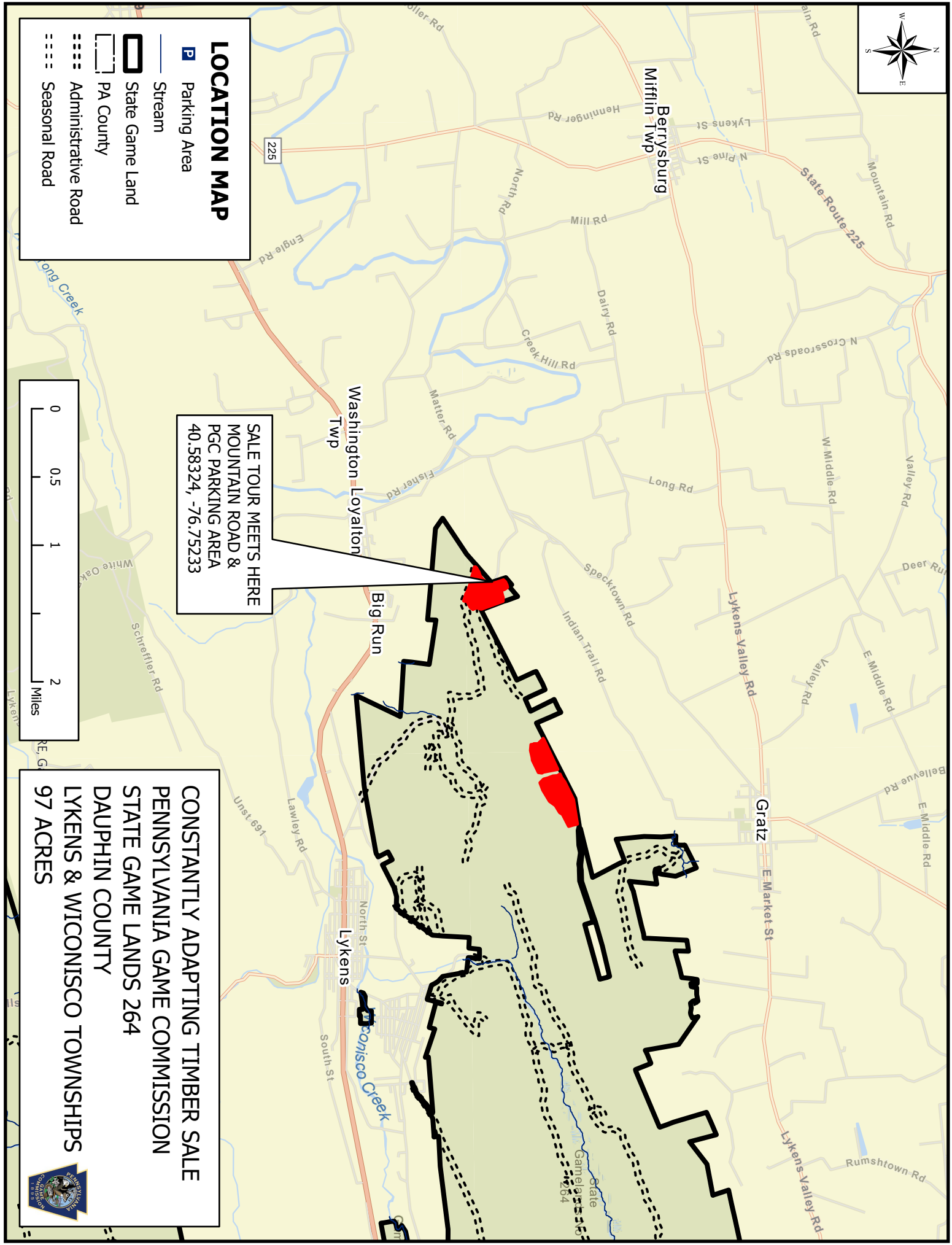
LOCATION MAP

- Parking Area
- State Game Land
- PA County
- Administrative Road
- Seasonal Road
- Stream



SALE TOUR MEETS HERE
MOUNTAIN ROAD &
PGC PARKING AREA
40.58324, -76.75233

CONSTANTLY ADAPTING TIMBER SALE
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 264
DAUPHIN COUNTY
LYKENS & WICONISCO TOWNSHIPS
97 ACRES



Block 1 - 12 acres - Overstory Removal
 Block 2 - 19 acres - Overstory Removal
 Block 3 - 19 acres - Clearcut w/ Residuals
 Block 4 - 33 acres - Clearcut w/ Residuals
 Reserved - 10 acres
 Project Total - 93 acres



- PROJECT AREA**
- Ⓛ Log Landings (3)
 - Roads on Game Lands
 - ▭ Project Blocks
 - ⋯ Skid Trails (2,000 feet)
 - P Parking Area
 - Streams
 - ⋯ Existing Trails
 - Culvert to Install
 - ▭ State Game Land

1,800 FEET OF
 EXISTING SKID TRAIL
 (OPTIONAL ROAD
 CONSTRUCTION)

OPTIONAL LANDING IF
 OPTIONAL ROAD IS
 CONSTRUCTED

DESIGNATED SKID TRAIL
 TO CROSS TRAVEL CORRIDOR



CONSTANTLY ADAPTING TIMBER SALE
 PENNSYLVANIA GAME COMMISSION
 STATE GAME LANDS 264
 DAUPHIN COUNTY
 LYKENS & WICONISCO TOWNSHIPS
 93 ACRES

