

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 2,481,335 board feet of sawlogs and 3,400 tons of pulpwood located on 517 acres of State Game Lands No. 29, Cherry Grove and Watson Townships, Warren 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 **\$50,000.00** will be provided to guarantee faithful performance of the agreement.

Removal of timber to be subject to the terms, conditions and stipulations included in the Timber Sale Agreement. It is understood that the contract will run until **October 1, 2026**.

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

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

Sincerely yours,

(Tax No. or Social Security No.)

Signature of Bidder - Sign In Ink

(Telephone Number)

Print Name

Firm Name

Street Address (Name, Number, Etc.)

City State Zip

BIDS MUST BE SUBMITTED IN AN ENVELOPE THAT CLEARLY STATES ON THE OUTSIDE: **BID PROPOSAL FOR TIMBER SGL #29**. 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 24, 2024**. The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 2,481,335 board feet of sawlogs and 3,400 tons of pulpwood to be cut from 517 acres of State Game Lands No. 29, Cherry Grove and Watson Township, Warren 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 4, 2024**. Viewers will be met at the SGL parking area along SR 2002 (Hearts Content Road) as shown on the sale map (41.678644; -79.198151), at 10:00 a.m., and conducted to the sale area.

The timber to be sold will be clearly designated by Scott Wolbert, 1509 Pittsburgh Road, Franklin, PA 16323, telephone: 1-814-432-3187 extension 11181, 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 #29**. 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, June 24, 2024**, 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 **\$50,000.00** will be required in the form of a Certified Check or a Postal Money Order drawn to the order of the Pennsylvania Game Commission. Negotiable securities, including assignment of a bank savings account may be furnished in lieu of above. A bond with corporate surety approved by the Attorney General, or a bank Irrevocable Letter of Credit, may be posted provided the bond has an expiration date a minimum of 1 year beyond the expiration date of the timber contract.

- EXPIRATION OF CONTRACT -

Contract will expire **October 1, 2026.**

- PAYMENTS

The sale is divided into 13 cutting blocks. Payment may be made by:

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

- 1 – 6% - 54 acres
- 2 – 10% - 36 acres
- 3 – 10% - 33 acres
- 4 – 11% - 48 acres
- 5 – 8% - 24 acres
- 6 – 11% - 39 acres
- 7 – 12% - 47 acres
- 8 – 15% - 73 acres
- 9 – 2% - 14 acres
- 10 – 5% - 50 acres
- 11 – 4% - 54 acres
- 12 – 5% - 30 acres
- 13 – 1% - 15 acres

Payment for Block 6 is due at contract execution.

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 7 Attached Sheet(s).

SPECIAL PROVISIONS FOR THE STRANGE RANGER SALE
S.G.L. # 29 T.S. # 029-2023-03

1) ADMINISTRATIVE ITEMS

- a) This timber sale consists of 13 blocks and has an estimated 2,481,335 board feet of sawtimber and 3,400 tons of pulpwood on 517 total treated acres.
- b) The Strange Ranger Timber Sale on State Game Land 29 covers 517 acres in Cherry Grove and Watson Townships, Warren County. Access to the sale blocks is from Hearts Content Road (SR 2002).
- c) 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.
- d) The contractor must submit a PA One Call prior to all logging activities. A buried gas pipeline runs along the main gameland road near several of the sale blocks. The contractor may need to cross this pipeline with temporary skidding bridges. Some of the landings are located near well locations and associated infrastructure. Prior to operations, the operator must contact and have an on-site meeting with all relevant OGM operators identified during the PA One Call process.
- e) **Block 12 contains advanced desirable hemlock regeneration and caution should be taken to minimize damage. No fully mechanized equipment will be allowed in this block.** Prohibited equipment in this block includes grapple skidders, feller bunchers, processors, etc. The Regional Forester or his designee have the right to inspect and reject any equipment they deem inappropriate.
- f) No whole tree harvesting or on-site chipping is permitted.
- g) If bats are observed within or fleeing from a felled tree, or if dead bat(s) are found, tree felling activities will cease and the necessary PGC staff will be contacted.
- h) **Payment for Block 6 is due at contract execution. Final payment is due no later than 120 days before the expiration of the agreement.**

2) BOUNDARIES, BLOCKS, AND CUTTING INSTRUCTIONS

- a) Timber sale boundaries are marked by two blue stripes. Gameland boundaries are designated with white blazes.
- b) **All trees marked with yellow paint in Blocks 1, 10, 11, 12, & 13 are to be cut.**
All trees in Blocks 2, 3, 4, 5, 6, 7, & 8 are to be cut except for trees marked with blue paint and all beech, hemlock, and white pine.
All trees in Block 9 are to be cut except for trees marked with red paint. Trees marked with red paint in Block 9 are reserved.
- c) Snags are to be left standing unless they present a safety hazard. Any reserved trees that are felled for safety reasons must be left at the stump.

- d) Game Land boundary, roads, herbaceous openings and spring runs are to be kept free of tops.
- e) All stumps must be cut lower than 12" ground height.
- f) If bats are observed within or fleeing from a felled tree, or if dead bat(s) are found, tree felling activities will cease and the necessary PGC staff will be contacted.
- g) Implement spill pollution prevention measures as follows: (a) Carry oil spill kits for hydraulic fluids, lubricating oils, fuels, and other environmentally hazardous fluids onsite when equipment is active. Spill kits must include: pads and containment socks (rated to absorb 8+ gal. petroleum-based fluids and able to absorb fluids in water and on the ground), containers (or heavy-duty bags) capable of holding 8+ gal. contaminated soil and other absorbents, and a shovel; (b) Contain leaks/spills immediately; (c) Properly dispose of Soil and absorbents through a landfill approved by the Department of Environmental Protection; (d) Take any precautions, as directed by PGC foresters, to prevent soil erosion, water pollution, and other conditions detrimental to the environment on State Lands. Follow all DEP guidelines and regulations relating to spills and spill prevention.
- h) Cull portions of the tree are to be left at the stump. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings.
- i) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- j) Except for the contractor, no persons shall be permitted to cut or remove firewood.
- k) A buried pipeline serves as the block boundary between Blocks 9 & 10. The pipeline must remain open and clear of all logging debris at all times.

3) US / STATE / LOCAL ROADS

- a) S.R. 3005 & S.R. 2002 have posted weight limits and must be bonded. For information about state roads, contact the PennDOT District 1 Office at 814-678-7075.

4) ROADS TO MAINTAIN

Total distance of access roads to maintain is 27,185 feet or 5.15 miles.

a) General Road Specs

1. The contractor will be required to maintain the gameland roads throughout sale operations. Some of the gameland haul roads to be used for this timber sale are open to public traffic for hunting access. These roads may be open from September to January and must always remain open and passable.
2. The contractor must submit a PA One Call prior to all logging activities. A buried gas pipeline runs along the main gameland road near several of the sale blocks. The contractor may need to cross this pipeline with temporary skidding bridges. Some of the landings are located near well locations and associated infrastructure. Prior to operations, the operator must contact and have an on-site meeting with all relevant OGM operators identified during the PA One Call process.
3. All treetops and logging debris must be removed from the ditches and road banks along all roads throughout the timber sale area to allow for proper road drainage and future road maintenance.

4. Gates are to be kept closed and locked at all times except when the contractor is present on the site.
5. All roads must be graded with a motor grader at the conclusion of use. Total distance to grade and maintain is 27,185 feet or 5.15 miles. Culvert pipe catch basins and outlets, ditches, and other drainage structures must be opened and re-established where needed. The road must also be crowned to drain all water into the ditches and culverts. The roads must then be rolled with a vibratory road roller (minimum 10 tons) after grading is complete. See Attachment A for the required road conditions after grading.

b) Road Improvements

1. The contractor will supply and install fourteen (14) 18" diameter x 30-foot aluminized Type II corrugated steel culverts. The culverts must have adequate catch basins and tail ditches installed. A backhoe or excavator will be required to install the culverts. Culverts needed are:
Fourteen (14) – 18" diameter by 30' length

All culverts must be set in a minimum of 4" of compacted 2A aggregate. The 12-foot road surface directly over the culverts must be a minimum of 12 inches deep of compacted 2A aggregate. The remaining 2A aggregate will be tapered into the existing road elevation on either side of the pipe. This will require 22 tons of 2A gravel for each culvert, for a total of 308 tons for the installations. This gravel is not available on the gameland. It must be purchased off-site and delivered to the gameland. The culvert locations are identified with orange paint on trees along the roadways. Old culverts must be removed from the gameland by the operator.

2. The operator must apply a total of 3,234 tons of 2A limestone aggregate to five (5) sections of gameland roads over an approximate distance of 9,500 linear feet. See the Sale Map for the locations. The limestone aggregate is to be applied to a compacted depth of 4 inches.
3. The road to Block 12 will require the application of 110 tons of 3A stone and 66 tons of 2A limestone aggregate.
4. The road to Block 13 will require application of 66 tons of 3A stone and 44 tons of 2A limestone aggregate.
5. A bulldozer can be used to spread the aggregate as it is applied to the road surface. However, the final grade must be established with a motor grader. The roads must then be rolled with a vibratory road roller (minimum 10 tons) after grading is complete. See Attachment A for the required road conditions after grading.

5) LANDINGS

- a) Existing landings are shown on the sale map. The operator may also utilize roadside landings with the approval of the forester in charge.
- b) Logging debris 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.
- c) All logging debris on the landings must be removed by the operator at the conclusion of the sale.
- d) At the conclusion of the sale, the landing must be leveled, cleared of debris, and seeded according to specifications outlined in Section 7 below.

6) **SKIDDING**

- a) Skid trails will be designated by the officer-in-charge. Existing trails are to be used for skidding and must be left open and level.
- b) Temporary skidding bridges may be required to cross a buried gas line. The location of the bridges will be identified by the officer-in-charge during operations.
- c) Skidders are to be kept off haul roads as much as possible.
- d) Wet areas should be avoided when skidding and any treetops which are felled into small wet areas should be left in the water rather than pulling them out.
- e) If skid trails are to sit idle for one month or more, they are to have water bars added.
- f) Main skid trails are to be leveled, open and have water bars added at the conclusion of the sale.
- g) A buried pipeline serves as the block boundary between Blocks 9 & 10. The pipeline must remain open and clear of all logging debris at all times.

7) **SEEDING OF ROADWAYS AND LANDINGS**

- a) At the conclusion of the sale, all landings and disturbed areas along gameland roads are to be leveled, cleared of rocks and debris and seeded according to the following:

6 lbs. per acre of White Dutch Clover - Inoculated Seed
10 lbs. per acre of Crimson Clover - Inoculated Seed
25 lbs. per acre of Wheat or oats

Lime 4 tons per acre.
Fertilizer - 300 lbs. per acre of 10-20-20

Approximately 3.5 acres is to be seeded at the conclusion of the sale.

- b) Straw mulch will be required at a rate of 2.5 tons per acre or 100 bales per acre.
- c) Regional Forester is to be notified prior to the application of lime, seed, fertilizer, and mulch.
- d) All bulldozed skid trails are to be seeded with wheat.
- e) Guaranteed catch of cover must be obtained to the satisfaction of the Regional Forester before the bond will be released.

8) **OPERATIONS AND NON-WORKDAYS**

- a) No woods operation will be permitted on the following days:
 1. All Saturdays in the months of September, October, November, December, and January.
 2. The opening day and all Saturdays during spring turkey season, including the youth spring gobbler hunt.
 3. The added Sunday of the statewide archery season in November
 4. All the days of the general statewide bear season
 5. The entire 2 weeks of the general firearms deer season
 6. The opening day of the flintlock muzzleloader season

No woods operation will be permitted from **March 1 to May 15** without the permission of the officer-in-charge.

- b) The contractor, employees, and sub-contractors may not hunt to, from, or at the job site when the work location is beyond a gated road that is closed to public traffic. The contractor may travel to and from the work location on non-workdays to check on the condition of equipment.
- 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.***

10) **MISCELLANEOUS**

- a) Operator must comply with the erosion and sedimentation control plan for the area.
- b) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- c) All existing trails and at least one main skid trail must be kept open for hunter access in each block.
- d) *Violation of contract provisions by the operator may subject the operator or its employees or contractors to fine based on Title 58 regulations.*
- e) **Payment for Block 6 is due at contract execution.
Final payment is due no later than 120 days before the expiration of the agreement.**

11) **PA RIGHT TO KNOW PROVISIONS**

CONTRACT PROVISIONS – RIGHT TO KNOW LAW

- 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.

LOGGING COSTS FOR THE STRANGE RANGER SALE
S.G.L. # 29

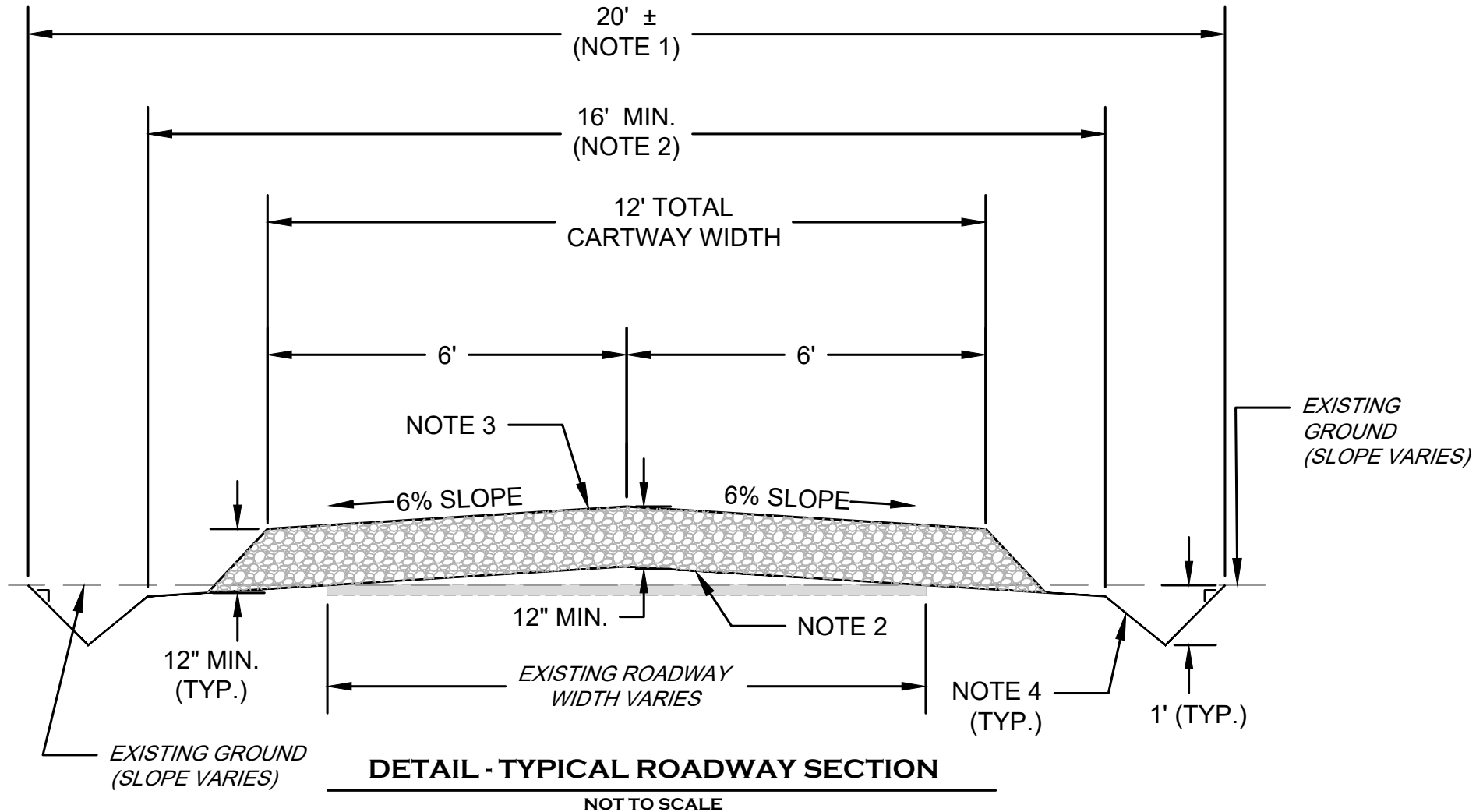
A.	ROADS IMPROVEMENTS		
	Culvert costs & installation (14 - 18" x 30')		\$ 11,340
	308 tons 2A aggregate for culverts		\$ 6,776
	Apply 3,234 tons of 2A limestone aggregate		\$145,530
	Apply 110 tons of 3A stone to Block 12 road		\$ 3,300
	Apply 66 tons of 2A limestone aggregate to Block 12 road		\$ 2,970
	Apply 66 tons of 3A stone to Block 13 road		\$ 1,980
	Apply 44 tons of 2A limestone aggregate to Block 13 road		<u>\$ 1,980</u>
		Sub-Total	\$173,876
B.	CLEAN-UP		
	Final road grading & rolling		\$ 18,500
	Remove logging debris from landings		\$ 4,000
	Level and grade skid trails & landings		<u>\$ 8,000</u>
		Sub-Total	\$ 30,500
C.	MISC.		
	Installation/removal of skidding bridges		\$ 1,000
	Cutting culls		<u>\$ 1,500</u>
		Sub-Total	\$ 2,500
D.	SEEDING (3.5 acres)	Sub-Total	<u>\$ 10,000</u>
		TOTAL	\$216,876

The above logging 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.

Attachment A

CONSTRUCTION NOTES:

1. WIDEN ROAD CORRIDOR - CLEAR AND GRUB TREES AND VEGETATION TO MARKED TREES OR AS DIRECTED BY PGC STAFF.
2. WIDEN AND GRADE ROADWAY SUBGRADE TO REQUIRED WIDTH WITH CENTER CROWN AS SHOWN. PROVIDE GRADE BREAKS AND BROAD BASED DIPS AS REQUIRED OR AS DIRECTED BY PGC STAFF TO ACCOMMODATE THE ROAD GRADE, TERRAIN, AND SITE CONDITIONS TO FACILITATE DRAINAGE ALONG AND ACROSS ROADWAY. COMPACT SUBGRADE WITH 10-TON (MIN.) VIBRATORY DRUM ROLLER.
3. PROVIDE STONE BASE USING BORROW MATERIAL EXCAVATED FROM PIT ON STATE GAME LANDS - 12" MIN. COMPACTED DEPTH WITH CENTER CROWN AS SHOWN. COMPACT BASE WITH 10-TON (MIN.) VIBRATORY DRUM ROLLER.
4. PROVIDE DITCHES AND DITCH TURNOUTS AS SHOWN OR AS DIRECTED BY PGC STAFF TO COLLECT AND DIRECT STORMWATER RUNOFF AWAY FROM ROAD SURFACE.



Report For Strange Ranger

Sale Name:	Strange Ranger	SGL Number:	29
Forester:	Brenneman	Report Date:	08/07/2023
Blocks Numbers in Sale:	1,2,3,4,5,6,7,8,9,10,11,12	Adres:	517
County:	Warren	Township:	Cherry Grove

The Pennsylvania Game Commission SGL #29 - Strange Ranger Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

Sale Summary by Harvest Block														
Block Number	Area		Harvest Type	Sawtimber				Pulpwood			Culls			
	Acres	% of Sale		Method	BDFT	Per Acre	% of Sale	Method	Tons	Per Acre	% of Sale	2 - 4"	6 - 10"	12 +"
1	54	10%	Shelterwood	100% Tally	144,570	2,699	6%	100% Tally	507	9	15%	60	111	47
2	36	7%	Clearcut with Reserves	100% Tally	250,063	6,938	10%	100% Tally	51	1	2%	0	1	22
3	33	6%	Clearcut with Reserves	100% Tally	237,317	7,302	10%	100% Tally	63	2	2%	0	4	18
4	48	9%	Clearcut with Reserves	100% Tally	262,677	5,530	11%	100% Tally	97	2	3%	0	1	43
5	24	5%	Clearcut with Reserves	100% Tally	208,596	8,855	8%	100% Tally	65	3	2%	0	1	18
6	39	8%	Clearcut with Reserves	100% Tally	278,585	7,064	11%	100% Tally	140	4	4%	0	1	31
7	47	9%	Clearcut with Reserves	100% Tally	306,789	6,491	12%	100% Tally	118	2	3%	0	1	29
8	73	14%	Clearcut with Reserves	100% Tally	387,720	5,334	16%	100% Tally	200	3	6%	0	2	38
9	14	3%	Shelterwood	100% Tally	37,642	2,716	2%	BAF 10 Plot	565	41	17%	2,609	571	27
10	50	10%	Shelterwood	100% Tally	119,782	2,394	5%	100% Tally	632	13	19%	63	129	47
11	54	10%	Shelterwood	100% Tally	107,468	1,983	4%	100% Tally	567	10	17%	114	99	18
12	30	6%	Individual Selection	100% Tally	124,070	4,076	5%	100% Tally	307	10	9%	77	84	25
13	15	3%	Individual Selection	100% Tally	16,056	1,047	1%	100% Tally	89	6	3%	16	20	3
Total	517	100%			2,481,335		100%		3,400	6.6	100%	2,939	1,025	366

Pulpwood was sampled in block(s) 9 with a precision of +/- 21.6% (90% C.I.)

The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 517 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Black Cherry	28	1,354	238	21,557	532	76,961	894	192,281	916	258,802	703	246,818	533	236,682	315	154,916	202	114,041	186	134,879	4,547	1,438,291	316	319	410
Red Maple	50	2,404	461	35,067	763	94,630	837	153,387	700	168,685	373	118,699	199	70,898	116	52,695	48	26,262	26	15,423	3,573	738,149	207	1,968	1,229
Yellow-poplar	2	97	6	447	12	1,677	31	7,214	48	15,963	72	31,006	86	42,742	61	35,041	44	29,928	71	58,959	433	223,074	515	13	17
Sweet Birch	5	263	43	3,096	112	11,425	72	10,256	31	6,601	19	4,045	3	580	0	0	0	0	0	285	36,266	127	1,723	1,113	
Eastern Hemlock	12	563	62	4,545	37	4,323	25	4,152	13	3,089	3	936	2	473	0	0	0	0	0	154	18,081	117	327	109	
Yellow Birch	0	0	3	201	1	67	5	680	4	900	3	961	0	0	2	1,089	1	773	1	873	20	5,544	277	206	86
Black Cherry - down	0	0	1	106	0	0	2	433	1	363	4	1,301	1	162	2	1,439	0	0	2	1,705	13	5,508	424	0	0
Red Maple - down	0	0	3	209	7	834	8	1,343	7	1,398	1	384	2	741	0	0	0	0	0	28	4,910	175	1	1	
N. Red Oak - down	0	0	0	0	0	0	0	0	2	610	0	0	0	0	0	0	2	1,578	2	1,576	6	3,764	627	0	0
N. Red Oak	0	0	1	79	1	180	1	194	1	308	1	384	0	0	0	0	0	0	3	1,644	8	2,789	349	0	0
Yellow-poplar - down	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1,458	0	0	0	0	2	1,458	729	0	0	
Cucumbertree	0	0	0	0	0	0	1	302	3	1,026	0	0	0	0	0	0	0	0	0	4	1,328	332	0	0	
Sugar Maple	0	0	1	75	0	0	0	0	2	345	0	0	2	710	0	0	0	0	0	5	1,129	226	30	9	
Cucumbertree - down	0	0	0	0	2	207	0	0	1	172	1	213	0	0	0	0	0	0	0	4	592	148	0	0	
American Beech	0	0	2	167	2	187	0	0	0	0	0	0	0	0	0	0	0	0	0	4	354	88	1,189	425	
Chestnut Oak - dead	0	0	0	0	1	101	0	0	0	0	0	0	0	0	0	0	0	0	0	1	101	101	1	1	
Total	97	4,681	821	65,548	1,470	190,591	1,876	370,242	1,729	458,260	1,180	404,748	828	352,989	498	246,637	297	172,583	291	215,058	9,087	2,481,335	273	5,777	3,400

The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 54 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Black Cherry	11	496	71	6,704	107	16,148	118	27,208	101	29,581	41	14,877	35	15,319	11	5,833	2	1,055	1	928	498	118,148	237	55	50
Red Maple	9	407	45	3,476	44	5,666	32	5,762	12	3,151	6	1,891	1	470	2	754	0	0	0	151	21,577	143	250	114	
Sweet Birch	0	0	5	330	15	1,356	4	647	4	1,129	1	219	0	0	0	0	0	0	29	3,681	127	244	162		
Yellow-poplar	0	0	0	0	0	0	0	0	1	325	1	563	0	0	0	0	0	0	2	887	444	0	0		
Yellow Birch	0	0	2	152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	152	76	81	35		
Eastern Hemlock	0	0	0	0	0	0	1	125	0	0	0	0	0	0	0	0	0	0	1	125	125	1	1		
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	372	145		
Sugar Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1		
Total	20	903	123	10,661	166	23,169	155	33,742	118	34,186	49	17,549	36	15,789	13	6,587	2	1,055	1	928	683	144,570	212	1,005	507

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 2 - 36 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Black Cherry	2	69	17	1,745	43	6,961	72	17,025	70	20,354	83	31,730	55	25,068	38	19,390	24	13,797	41	28,740	445	164,878	371	6	14	
Red Maple	1	34	12	999	35	4,349	60	11,713	47	11,979	38	12,465	16	5,837	13	5,975	11	5,892	3	2,287	236	61,530	261	22	32	
Yellow-poplar	0	0	0	0	0	0	2	425	3	871	1	276	6	2,569	4	2,106	4	2,942	15	11,834	35	21,023	601	0	0	
Yellow Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	773	1	873	2	1,646	823	0	0	
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	707	1	707	707	0	0	
Sweet Birch	0	0	0	0	0	0	2	279	0	0	0	0	0	0	0	0	0	0	0	0	2	279	139	5	5	
Total	3	103	29	2,744	78	11,311	136	29,442	120	33,204	122	44,470	77	33,474	55	27,471	40	23,404	61	44,440	721	250,063	347	33	51	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 3 - 33 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Black Cherry	1	54	19	1,456	52	7,481	116	25,635	114	34,376	108	39,430	83	38,936	37	17,675	26	15,148	19	13,374	575	193,566	337	21	34	
Red Maple	1	54	10	811	30	4,048	40	7,582	33	9,005	20	6,058	9	3,398	11	5,756	4	2,347	2	869	160	39,928	250	29	28	
Yellow-poplar	0	0	0	0	1	98	0	0	0	0	0	0	0	0	1	600	0	0	1	831	3	1,529	510	0	0	
Yellow Birch	0	0	0	0	0	0	1	86	2	418	1	300	0	0	1	436	0	0	0	0	5	1,240	248	1	1	
Sugar Maple	0	0	0	0	0	0	0	0	2	345	0	0	2	710	0	0	0	0	0	0	4	1,054	264	0	0	
Total	2	108	29	2,267	83	11,627	157	33,303	151	44,143	129	45,788	94	43,045	50	24,467	30	17,495	22	15,074	747	237,317	318	51	63	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 4 - 48 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Black Cherry	2	108	14	1,225	42	5,542	87	16,263	78	20,748	101	32,927	72	29,742	48	23,927	29	15,103	22	14,773	495	160,357	324	17	47	
Red Maple	1	54	15	1,121	53	6,538	87	15,226	92	21,424	60	19,144	32	10,904	25	11,270	7	3,742	10	5,645	382	95,068	249	43	49	
Yellow-poplar	0	0	0	0	0	0	0	0	0	0	0	0	1	499	4	2,011	1	817	5	3,925	11	7,252	659	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	1	0	
Total	3	162	29	2,345	95	12,079	174	31,489	170	42,172	161	52,071	105	41,145	77	37,208	37	19,662	37	24,343	888	262,677	296	61	97	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 5 - 24 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Black Cherry	3	162	12	1,305	36	5,856	49	11,436	65	19,478	47	18,872	47	22,811	33	16,822	27	17,254	18	13,824	337	127,818	379	15	38	
Red Maple	1	34	17	1,515	34	4,904	36	7,388	44	11,986	31	11,526	14	5,095	9	4,415	3	2,125	1	255	190	49,244	259	22	22	
Yellow-poplar	0	0	0	0	0	0	5	1,288	3	960	12	5,398	5	2,783	7	4,371	11	7,310	9	8,829	52	30,940	595	1	5	
Cucumbertree	0	0	0	0	0	0	1	302	1	292	0	0	0	0	0	0	0	0	0	0	2	593	297	0	0	
Total	4	196	29	2,820	70	10,760	91	20,413	113	32,716	90	35,796	66	30,689	49	25,608	41	26,689	28	22,908	581	208,596	359	38	65	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 6 - 39 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Black Cherry	1	54	19	1,773	54	8,257	106	25,222	127	38,202	79	30,129	68	31,522	46	23,867	29	16,928	16	12,852	545	188,806	346	10	18	
Red Maple	0	0	37	2,709	97	12,124	89	15,893	85	18,948	42	12,609	23	8,376	6	2,554	6	2,988	0	0	385	76,202	198	112	120	
Yellow-poplar	0	0	0	0	0	0	0	2	532	2	872	5	2,711	4	2,210	0	0	9	6,591	22	12,916	587	0	0		
Sweet Birch	0	0	0	0	2	212	1	139	1	177	1	132	0	0	0	0	0	0	0	0	5	661	132	1	1	
Total	1	54	56	4,482	153	20,593	196	41,255	215	57,859	124	43,742	96	42,610	56	28,631	35	19,916	25	19,443	957	278,585	291	123	140	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 7 - 47 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Black Cherry	0	0	17	1,402	36	5,169	83	16,436	113	30,675	84	27,309	73	31,397	46	21,388	34	18,017	44	32,006	530	183,798	347	17	31	
Red Maple	2	108	42	3,240	58	7,120	119	21,010	92	22,415	46	14,932	32	10,216	19	8,182	8	4,319	4	2,637	422	94,179	223	74	85	
Yellow-poplar	0	0	0	0	1	98	2	343	2	600	6	2,380	15	6,504	7	3,996	10	6,369	11	7,868	54	28,158	521	0	0	
Yellow Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	653	0	0	0	0	1	653	653	2	2	
Total	2	108	59	4,642	95	12,387	204	37,790	207	53,691	136	44,621	120	48,117	73	34,218	52	28,705	59	42,511	1,007	306,789	305	93	118	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 8 - 73 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Black Cherry	2	108	39	3,427	98	13,301	181	37,128	176	46,313	111	36,314	71	31,102	36	16,555	17	8,505	16	12,025	747	204,778	274	42	75	
Red Maple	3	162	36	2,872	96	11,710	121	22,776	103	24,797	46	14,237	36	13,514	18	7,841	5	2,480	4	3,000	468	103,389	221	108	121	
Yellow-poplar	0	0	1	71	1	161	10	2,706	18	6,249	25	10,860	34	17,564	26	15,004	13	9,589	18	15,988	146	78,191	536	0	0	
Yellow Birch	0	0	0	0	1	67	3	508	0	0	1	219	0	0	0	0	0	0	0	0	5	793	159	2	2	
Cucumbertree	0	0	0	0	0	0	0	0	1	391	0	0	0	0	0	0	0	0	0	0	1	391	391	0	0	
Sweet Birch	0	0	0	0	0	0	0	0	1	177	0	0	0	0	0	0	0	0	0	0	1	177	177	3	2	
Total	5	270	76	6,370	196	25,239	315	63,117	299	77,926	183	61,629	141	62,180	80	39,400	35	20,574	38	31,014	1,368	387,720	283	155	200	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 9 - 14 acres																										
Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Black Cherry	3	142	6	499	15	1,764	15	2,708	12	3,112	5	1,277	4	1,080	2	896	0	0	0	0	62	11,478	185	80	53	
Yellow-poplar	1	48	1	71	1	131	3	508	5	1,560	2	751	9	4,079	2	1,009	2	1,307	0	0	26	9,466	364	9	10	
Red Maple	0	0	23	1,692	19	2,372	9	1,528	9	2,199	1	384	4	1,168	0	0	0	0	0	0	65	9,343	144	168	85	
Sweet Birch	1	53	15	1,074	35	3,615	13	1,841	1	241	0	0	1	158	0	0	0	0	0	0	66	6,981	106	604	276	
American Beech	0	0	2	167	1	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	239	80	369	117	
Yellow Birch	0	0	1	49	0	0	1	86	0	0	0	0	0	0	0	0	0	0	0	0	2	135	68	77	24	
Total	5	243	48	3,552	71	7,954	41	6,672	27	7,112	8	2,412	18	6,485	4	1,905	2	1,307			224	37,642	168	1,307	565	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 10 - 50 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Black Cherry	2	108	11	943	29	4,033	41	7,957	27	7,164	24	7,653	5	1,762	8	3,436	9	6,347	1	614	157	40,017	255	32	32	
Yellow-poplar	1	48	4	305	8	1,189	8	1,771	14	4,865	23	9,907	8	4,463	6	3,733	3	1,594	3	3,091	78	30,967	397	3	2	
Red Maple	14	716	53	4,081	55	6,871	41	7,601	16	4,035	13	4,096	0	0	0	0	2	1,460	0	0	194	28,860	149	248	129	
Sweet Birch	2	105	20	1,517	41	4,263	32	4,536	15	3,097	5	1,256	0	0	0	0	0	0	0	0	115	14,773	128	457	364	
Black Cherry - down	0	0	1	106	0	0	1	194	1	363	1	225	0	0	0	0	0	0	2	1,705	6	2,591	432	0	0	
Yellow-poplar - down	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1,458	0	0	0	0	2	1,458	729	0	0	
N. Red Oak	0	0	0	0	0	0	1	194	0	0	0	0	0	0	0	0	0	1	290	2	484	242	0	0		
Yellow Birch	0	0	0	0	0	0	0	0	0	1	443	0	0	0	0	0	0	0	0	1	443	443	19	9		
American Beech	0	0	0	0	1	115	0	0	0	0	0	0	0	0	0	0	0	0	0	1	115	115	242	87		
Sugar Maple	0	0	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	75	75	27	8		
Total	19	977	90	7,026	134	16,471	124	22,252	73	19,525	67	23,578	13	6,226	16	8,626	14	9,401	7	5,700	557	119,782	215	1,028	632	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 11 - 54 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Red Maple	10	500	92	6,841	107	13,025	71	13,077	50	11,691	31	9,525	13	4,999	3	1,202	0	0	0	0	377	60,860	161	645	300
Black Cherry	0	0	11	919	15	1,868	18	4,129	26	7,156	16	5,338	8	3,412	4	2,360	3	1,287	5	3,279	106	29,748	281	18	12
Sweet Birch	0	0	1	49	8	850	12	1,706	7	1,362	9	1,702	1	265	0	0	0	0	0	0	38	5,933	156	255	182
N. Red Oak - down	0	0	0	0	0	0	0	0	1	363	0	0	0	0	0	0	2	1,578	2	1,576	5	3,516	703	0	0
Red Maple - down	0	0	0	0	3	402	2	286	6	1,216	1	384	2	741	0	0	0	0	0	0	14	3,030	216	0	0
Black Cherry - down	0	0	0	0	0	0	1	239	0	0	2	692	1	162	1	670	0	0	0	0	5	1,764	353	0	0
N. Red Oak	0	0	1	79	1	180	0	0	1	308	0	0	0	0	0	0	0	0	1	647	4	1,214	304	0	0
Cucumbertree - down	0	0	0	0	2	207	0	0	1	172	1	213	0	0	0	0	0	0	0	0	4	592	148	0	0
Cucumbertree	0	0	0	0	0	0	0	0	1	344	0	0	0	0	0	0	0	0	0	1	344	344	0	0	
Yellow Birch	0	0	0	0	0	0	0	0	1	241	0	0	0	0	0	0	0	0	0	1	241	241	4	2	
Eastern Hemlock	0	0	0	0	0	0	1	125	0	0	0	0	0	0	0	0	0	0	0	1	125	125	0	0	
Chestnut Oak - dead	0	0	0	0	1	101	0	0	0	0	0	0	0	0	0	0	0	0	0	1	101	101	1	1	
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194	71
Total	10	500	105	7,889	137	16,633	105	19,562	94	22,852	60	17,854	25	9,579	8	4,233	5	2,865	8	5,502	557	107,468	193	1,117	567

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 12 - 30 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#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
Red Maple	6	226	69	5,033	122	14,352	117	20,687	103	24,097	36	10,929	17	6,079	10	4,747	2	907	2	730	484	87,787	181	189	105	
Eastern Hemlock	12	563	60	4,457	37	4,323	23	3,903	13	3,089	3	936	2	473	0	0	0	0	0	0	150	17,744	118	304	98	
Black Cherry	1	54	1	79	3	327	7	1,044	6	1,463	4	963	9	3,413	5	2,444	0	0	0	0	36	9,787	272	6	6	
Sweet Birch	2	105	2	126	8	810	7	968	2	418	2	518	1	158	0	0	0	0	0	24	3,104	129	117	88		
Red Maple - down	0	0	3	209	4	433	6	1,056	1	182	0	0	0	0	0	0	0	0	0	14	1,880	134	1	1		
Yellow-poplar	0	0	0	0	0	0	1	173	0	0	0	0	3	1,569	0	0	0	0	0	4	1,743	436	0	0		
Black Cherry - down	0	0	0	0	0	0	0	0	0	0	1	384	0	0	1	769	0	0	0	2	1,153	577	0	0		
N. Red Oak	0	0	0	0	0	0	0	0	0	0	1	384	0	0	0	0	0	0	0	1	384	384	0	0		
N. Red Oak - down	0	0	0	0	0	0	0	0	1	247	0	0	0	0	0	0	0	0	0	1	247	247	0	0		
Yellow Birch	0	0	0	0	0	0	0	0	1	241	0	0	0	0	0	0	0	0	0	1	241	241	10	7		
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1		
Total	21	948	135	9,905	174	20,245	161	27,832	127	29,737	47	14,115	32	11,692	16	7,960	2	907	2	730	717	124,070	173	631	307	

**The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates**

Block 13 - 15 acres

Species	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Red Maple	2	108	10	677	13	1,549	15	3,144	14	2,956	3	904	2	844	0	0	0	0	0	59	10,182	173	58	38	
Black Cherry	0	0	1	79	2	255	1	89	1	182	0	0	3	1,116	1	324	2	601	3	2,464	14	5,110	365	0	0
Sweet Birch	0	0	0	0	3	319	1	139	0	0	1	219	0	0	0	0	0	0	0	5	677	135	36	32	
Eastern Hemlock	0	0	2	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	87	44	22	10	
Yellow Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	6	
American Beech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	
Sugar Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
Total	2	108	13	844	18	2,123	17	3,372	15	3,138	4	1,123	5	1,960	1	324	2	601	3	2,464	80	16,056	201	135	89

The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 517 acres - Pulp Tree Stand and Stock Table																						
Species	2" DBH		4" DBH		6" DBH		8" DBH		10" DBH		12" DBH		14" DBH		16" DBH		18" DBH		20"+ DBH		Pulpwood	
	#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	232	29	329	76	430	172	435	276	276	259	172	226	62	109	24	56	1,969	1,230
Sweet Birch	0	0	0	0	35	5	229	47	441	155	455	261	313	276	175	225	54	95	19	43	1,723	1,113
American Beech	0	0	0	0	285	38	379	92	346	145	108	72	57	54	11	14	1	2	1	3	1,189	425
Black Cherry	0	0	0	0	0	0	11	3	66	30	82	64	67	78	40	68	26	61	13	39	319	410
Eastern Hemlock	0	0	0	0	65	6	92	17	88	29	53	29	19	15	9	10	0	0	1	2	327	109
Yellow Birch	0	0	0	0	24	4	53	11	67	23	39	22	15	14	4	5	3	5	1	2	206	86
Yellow-poplar	0	0	0	0	0	0	0	0	2	1	1	1	9	10	0	0	0	0	0	0	13	17
Sugar Maple	0	0	0	0	9	1	11	3	8	4	2	1	0	0	0	0	0	0	0	0	30	9
Chestnut Oak	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Ash	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
Total					651	83	1,105	249	1,448	559	1,176	727	755	707	411	548	146	272	59	145	5,777	3,400

The Pennsylvania Game Commission
SGL #29 - Strange Ranger Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 517 acres - Large Tree Stand and Stock Table																						
Species	<30" DBH		30" DBH		32" DBH		34" DBH		36" DBH		38" DBH		40" DBH		>40" DBH		Sawtimber Totals			Pulpwood		
	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons	
Black Cherry	4,361	1,303,412	100	65,344	39	28,372	26	23,131	14	11,239	5	4,190	2	2,603	0	0	4,547	1,438,291	316	319	410	
Red Maple	3,547	722,726	19	10,346	5	3,862	1	806	0	0	1	408	0	0	0	0	3,573	738,149	207	1,968	1,229	
Yellow-poplar	362	164,115	35	27,103	24	20,278	8	7,067	3	3,105	1	1,406	0	0	0	0	433	223,074	515	13	17	
Sweet Birch	285	36,266	0	0	0	0	0	0	0	0	0	0	0	0	0	0	285	36,266	127	1,723	1,113	
Eastern Hemlock	154	18,081	0	0	0	0	0	0	0	0	0	0	0	0	0	0	154	18,081	117	327	109	
Yellow Birch	19	4,671	0	0	1	873	0	0	0	0	0	0	0	0	0	0	20	5,544	277	206	86	
Black Cherry - down	11	3,803	2	1,705	0	0	0	0	0	0	0	0	0	0	0	0	13	5,508	424	0	0	
Red Maple - down	28	4,910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	4,910	175	1	1	
N. Red Oak - down	4	2,188	1	928	0	0	0	0	1	647	0	0	0	0	0	0	6	3,764	627	0	0	
N. Red Oak	5	1,145	0	0	2	997	0	0	1	647	0	0	0	0	0	0	8	2,789	349	0	0	
Yellow-poplar - down	2	1,458	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1,458	729	0	0	
Cucumbertree	4	1,328	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1,328	332	0	0	
Sugar Maple	5	1,129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1,129	226	30	9	
Cucumbertree - down	4	592	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	592	148	0	0	
American Beech	4	354	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	354	88	1,189	425	
Chestnut Oak - dead	1	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	101	101	1	1	
Striped Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Black Cherry - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
White Ash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	8,796	2,266,277	157	105,426	71	54,381	35	31,004	19	15,639	7	6,004	2	2,603			9,087	2,481,335	4,758	5,777	3,400	

The Pennsylvania Game Commission SGL #29 - Strange Ranger Timbersale

Reserve Summary by Harvest Block																		
Block Number	Acres	Harvest Type	Trees								Basal Area							
			Seed	Den	Snag	Live	All	Live/Acre	All/Acre	Seed	Den	Snag	Live	All	Live/Acres	All/Acres		
1	54	Shelterwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	36	Clearcut with Reserves	113	62	16	174	191	4.8	5.3	138.3	154.4	26.2	291.9	318.8	8.1	8.8		
3	33	Clearcut with Reserves	86	68	34	157	191	4.8	5.9	157.3	143.1	80.9	306.2	387.1	9.4	11.9		
4	48	Clearcut with Reserves	211	113	44	326	368	6.9	7.7	501.2	277.1	91.7	784	870	16.5	18.3		
5	24	Clearcut with Reserves	56	29	18	87	103	3.7	4.4	86.7	74.8	28.7	163.1	190.2	6.9	8.1		
6	39	Clearcut with Reserves	146	58	36	204	240	5.2	6.1	205.5	115.4	68.3	320.9	389.2	8.1	9.9		
7	47	Clearcut with Reserves	248	65	41	314	354	6.6	7.5	506.6	154.7	93.8	663.4	755	14	16		
8	73	Clearcut with Reserves	227	103	31	330	361	4.5	5	634.9	244.5	63.2	879.4	942.6	12.1	13		
9	14	Shelterwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	50	Shelterwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	54	Shelterwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	30	Individual Selection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	15	Individual Selection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	517		1,087	498	220	1,592	1,808	3.1	3.5	2,230	1,164	453	3,409	3,853	6.6	7.5		

The Pennsylvania Game Commission SGL #29 - Strange Ranger Timbersale - Reserve Tree Detail

Block 2 - 36 acres - Clearcut with Reserves																											
Species	2"-10"				12"-16"				18"-22"				24"-28"				30"+				Total Trees					Per Acre	
	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	All	Trees	BA (sqft)
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0.2
Yellow-poplar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	2	0.1
Cucumbertree	0	0	0	0	0	0	0	0	8	1	1	0	2	0	0	0	0	0	0	0	10	1	1	0	12	0.3	0.8
Black Cherry	0	0	0	0	0	2	0	2	0	8	3	2	2	6	4	2	0	1	1	1	2	17	8	7	34	0.9	2.7
Red Maple	1	1	0	0	0	5	0	1	2	11	3	0	0	3	0	0	0	1	1	0	3	21	4	1	29	0.8	1.7
American Beech	5	1	0	1	30	1	0	2	10	2	2	1	0	0	0	0	0	0	0	0	45	4	2	4	55	1.5	2
Sugar Maple	20	0	0	4	28	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	50	2	0	4	56	1.6	1.2
Serviceberry	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0.1	0
Total	28	2		5	58	10		5	22	22	9	3	4	9	6	2	1	2	2	1	113	45	17	16	191	5.3	8.8

The Pennsylvania Game Commission SGL #29 - Strange Ranger Timbersale - Reserve Tree Detail

Block 3 - 33 acres - Clearcut with Reserves																											
Species	2"-10"				12"-16"				18"-22"				24"-28"				30"+				Total Trees					Per Acre	
	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	All	Trees	BA (sqft)
White Ash	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.1
Cucumbertree	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0	0	2	1	1	0	4	0.1	0.3
Yellow Birch	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	2	0	0	3	0.1	0.2
Eastern Hemlock	0	0	0	0	1	1	0	0	6	0	0	0	7	0	0	1	3	0	0	0	17	1	0	1	19	0.6	1.9
Black Cherry	0	0	0	1	0	5	0	3	1	13	3	9	2	5	0	4	0	0	0	2	3	23	3	19	48	1.5	3.6
American Beech	2	0	0	0	15	3	0	0	11	2	2	1	2	0	2	2	0	0	0	0	30	5	4	3	42	1.3	2.4
Red Maple	0	1	0	0	2	6	2	3	4	9	6	4	1	0	0	0	0	1	0	0	7	17	8	7	40	1.2	2.4
Sugar Maple	8	0	0	2	15	2	0	0	3	1	0	0	0	0	0	1	0	0	0	0	26	3	0	3	34	1	1.1
Total	10	1		3	34	17	2	6	27	27	11	15	12	6	3	8	3	1		2	86	52	16	34	191	5.9	11.9

The Pennsylvania Game Commission SGL #29 - Strange Ranger Timbersale - Reserve Tree Detail

Block 4 - 48 acres - Clearcut with Reserves																											
Species	2"-10"				12"-16"				18"-22"				24"-28"				30"+				Total Trees					Per Acre	
	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	All	Trees	BA (sqft)
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0.2
Yellow Birch	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Cucumbertree	0	0	0	0	2	0	0	0	14	1	1	0	2	0	2	0	0	0	0	0	18	1	3	0	22	0.5	1.1
Chestnut Oak	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
Red Maple	0	0	0	0	2	12	0	3	1	24	11	3	1	3	9	0	0	1	0	1	4	40	20	7	71	1.5	3.3
Black Cherry	0	0	0	0	1	3	0	3	2	13	1	14	2	8	1	2	0	3	0	0	5	27	2	19	53	1.1	2.9
Sugar Maple	1	0	0	0	3	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	5	1	1	0	7	0.1	0.2
American Beech	3	0	0	1	19	3	0	2	23	6	1	6	7	5	2	2	2	0	0	0	54	14	3	11	82	1.7	3.7
Eastern Hemlock	2	0	0	1	21	0	0	2	53	0	0	2	39	0	1	2	6	0	0	0	121	0	1	7	129	2.7	6.9
Total	6			2	49	19		10	95	44	15	25	51	16	15	6	10	4		1	211	83	30	44	368	7.7	18.3

The Pennsylvania Game Commission SGL #29 - Strange Ranger Timbersale - Reserve Tree Detail

Block 5 - 24 acres - Clearcut with Reserves																															
Species	2"-10"				12"-16"				18"-22"				24"-28"				30"+				Total Trees					Per Acre					
	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	All	Trees	BA (sqft)
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0.2
Yellow-poplar	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2	0.1	0.3				
Chestnut Oak	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0				
Black Cherry	0	0	0	0	1	0	1	0	3	0	5	1	9	1	1	0	0	0	0	2	12	1	7	22	0.9	2.6					
Cucumbertree	0	0	0	0	3	0	1	8	1	0	0	2	0	0	0	0	0	0	13	1	0	1	15	0.6	1.3						
Red Maple	0	0	0	1	1	4	0	3	0	5	3	0	1	1	0	0	0	0	2	10	3	4	19	0.8	1.5						
American Beech	1	0	0	0	19	0	2	1	0	1	0	2	0	0	0	0	0	0	23	0	1	2	26	1.1	1.6						
Serviceberry	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0						
Sugar Maple	6	0	0	0	7	0	2	1	0	0	0	0	0	0	0	0	0	0	14	0	0	2	16	0.7	0.6						
Total	8			1	31	4		10	10	9	4	5	7	11	1	2					56	24	5	18	103	4.4	8.1				

The Pennsylvania Game Commission SGL #29 - Strange Ranger Timbersale - Reserve Tree Detail

Block 6 - 39 acres - Clearcut with Reserves																														
Species	2"-10"				12"-16"				18"-22"				24"-28"				30"+				Total Trees					Per Acre				
	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	All	Trees
N. Red Oak	0	0	0	0	0	0	0	2	0	0	0	5	1	0	0	0	0	0	7	1	0	0	8	0.2	0.6					
Chestnut Oak	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.1					
Cucumbertree	0	0	0	0	2	0	0	8	0	0	0	2	0	0	1	0	0	0	12	0	0	1	13	0.3	0.8					
Black Cherry	0	0	0	0	2	0	4	0	7	1	10	0	1	0	4	0	1	0	10	2	18	30	0.8	1.8						
White Ash	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0					
Red Maple	0	0	0	0	4	16	2	3	2	11	4	5	0	3	3	0	1	0	7	30	9	8	54	1.4	2.6					
Yellow-poplar	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	2	0.1	0.1					
American Beech	3	0	0	0	51	2	5	25	1	0	0	0	0	0	0	0	0	79	3	0	5	87	2.2	3						
Sugar Maple	13	1	0	2	24	0	1	1	1	0	0	0	0	0	0	0	0	38	2	0	3	43	1.1	0.9						
Serviceberry	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0						
Total	18	1		2	81	20	2	14	39	20	5	15	7	6	3	5	1		1		146	47	11	36	240	6.1	9.9			

The Pennsylvania Game Commission SGL #29 - Strange Ranger Timbersale - Reserve Tree Detail

Block 7 - 47 acres - Clearcut with Reserves																											
Species	2"-10"				12"-16"				18"-22"				24"-28"				30"+				Total Trees					Per Acre	
	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	All	Trees	BA (sqft)
Yellow Birch	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0.1
Yellow-poplar	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0.1
N. Red Oak	0	0	0	0	0	0	0	0	5	0	0	0	10	0	0	0	0	0	0	0	15	0	0	0	15	0.3	1
Cucumbertree	0	0	0	0	4	0	0	0	17	0	2	1	5	0	1	0	0	0	0	0	26	0	3	1	30	0.6	1.5
Black Cherry	1	0	0	0	0	3	0	0	0	7	2	19	1	3	2	9	0	1	1	0	2	14	5	28	49	1	2.7
Red Maple	0	1	0	0	0	10	1	4	1	7	1	2	2	3	7	0	0	1	0	0	3	22	9	6	40	0.8	1.9
American Beech	1	1	0	0	17	2	1	1	23	1	2	3	4	0	2	1	1	0	0	0	46	4	5	5	60	1.3	2.5
Eastern Hemlock	15	0	0	1	39	1	0	0	82	1	0	0	18	0	0	0	1	0	0	0	155	2	0	1	158	3.3	6.2
Total	17	2		1	60	16	2	5	128	17	7	25	41	6	12	10	2	2	1		248	43	22	41	354	7.5	16

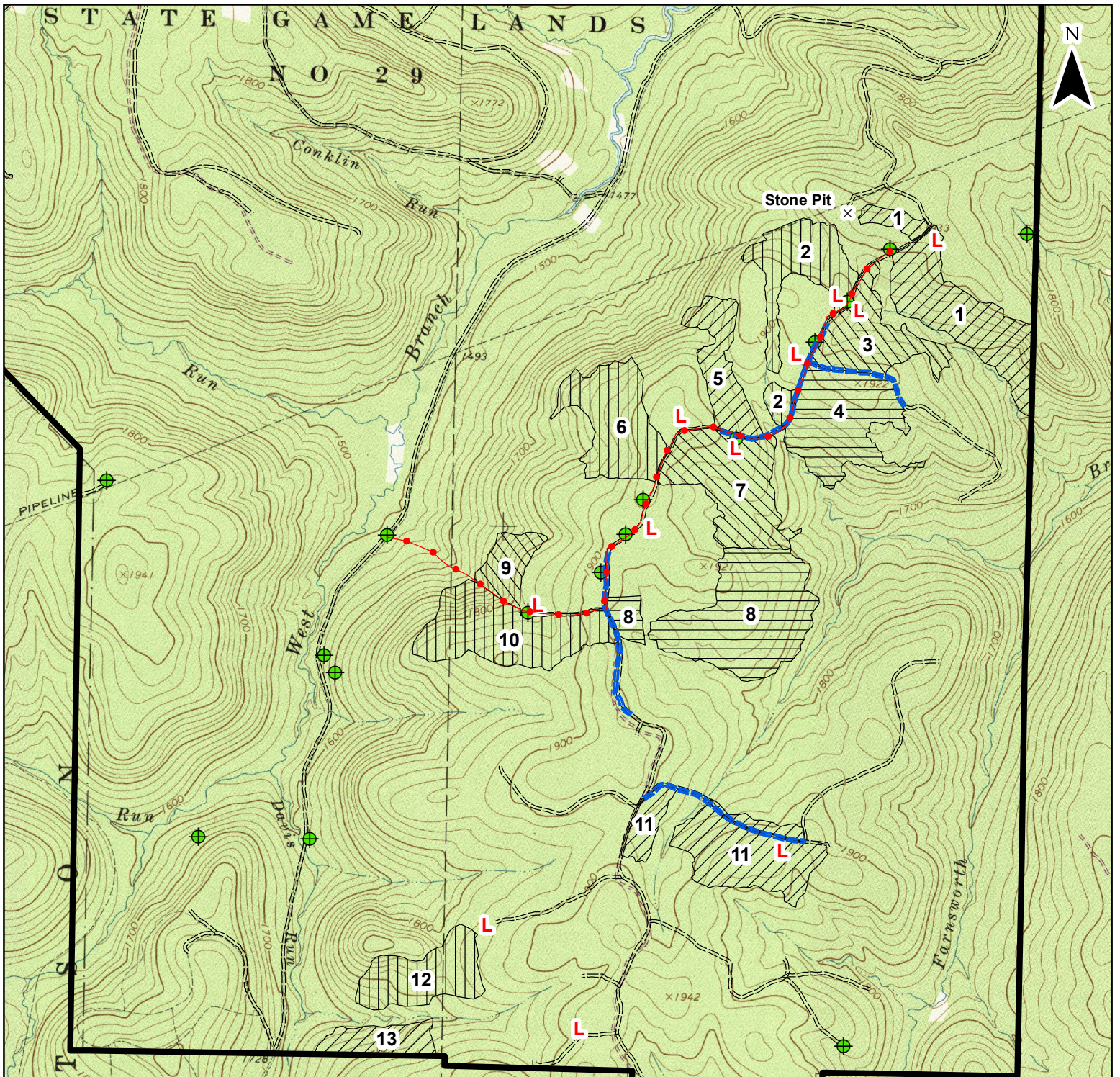
The Pennsylvania Game Commission SGL #29 - Strange Ranger Timbersale - Reserve Tree Detail

Block 8 - 73 acres - Clearcut with Reserves																											
Species	2"-10"				12"-16"				18"-22"				24"-28"				30"+				Total Trees					Per Acre	
	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	All	Trees	BA (sqft)
Yellow-poplar	0	0	0	0	0	0	0	0	1	2	1	0	0	1	0	1	0	1	2	0	1	4	3	1	9	0.1	0.4
Yellow Birch	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0
Black Cherry	0	0	0	0	3	7	0	4	1	12	6	12	3	11	2	2	0	0	1	0	7	30	9	18	64	0.9	2
American Beech	2	0	0	0	23	3	1	1	14	2	0	1	0	0	0	0	0	0	0	39	5	1	2	47	0.6	0.9	
N. Red Oak	1	0	0	0	7	0	0	0	21	0	0	1	57	1	0	0	18	0	0	0	104	1	0	1	106	1.5	5.4
Red Maple	0	1	0	0	0	9	5	0	10	18	6	7	1	5	5	1	0	0	0	11	33	16	8	68	0.9	2	
Cucumbertree	1	0	0	0	0	0	0	0	16	1	0	0	4	0	0	0	1	0	0	0	22	1	0	0	23	0.3	0.8
Eastern Hemlock	4	0	0	0	9	0	0	0	17	0	0	1	9	0	0	0	2	0	0	0	41	0	0	1	42	0.6	1.3
Total	8	1			43	19	6	5	81	35	13	22	74	18	7	4	21	1	3		227	74	29	31	361	5	13

The Pennsylvania Game Commission

SGL #29 - Strange Ranger Timbersale - Reserve Tree Detail

Block All - 517 acres -																															
Species	2"-10"				12"-16"				18"-22"				24"-28"				30"+				Total Trees					Per Acre					
	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	Seed	Den (S)	Den (L)	Snag	All	Trees	BA (sqft)				
Chestnut Oak	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3	0	0
White Ash	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	
Yellow Birch	0	0	0	0	2	0	0	0	2	1	0	0	1	1	0	0	0	0	0	0	5	2	0	0	7	0	0	0	0		
Eastern Hemlock	21	0	0	2	70	2	0	2	158	1	0	3	73	0	1	3	12	0	0	0	334	3	1	10	348	0.7	1.5				
N. Red Oak	1	0	0	0	7	0	0	0	28	0	0	1	73	2	0	0	21	0	0	0	130	2	0	1	133	0.3	0.9				
Yellow-poplar	1	0	0	0	0	0	0	0	1	3	1	0	0	3	2	2	0	1	2	0	2	7	5	2	16	0	0.1				
Cucumbertree	1	0	0	0	11	0	0	1	73	5	4	1	17	0	4	1	1	0	0	0	103	5	8	3	119	0.2	0.5				
Black Cherry	1	0	0	1	5	22	0	17	4	63	16	71	11	43	10	24	0	5	4	3	21	133	30	116	300	0.6	1.5				
Red Maple	1	4	0	1	9	62	10	17	20	85	34	21	6	18	24	1	1	4	1	1	37	173	69	41	321	0.6	1.3				
American Beech	17	2	0	2	174	14	2	13	107	14	8	12	15	5	6	5	3	0	0	0	316	35	16	32	399	0.8	1.3				
Sugar Maple	48	1	0	8	77	5	0	3	8	2	1	0	0	0	1	0	0	0	0	0	133	8	1	12	156	0.3	0.3				
Serviceberry	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0				
Total	95	7		14	356	105	12	55	402	174	64	110	196	72	47	37	38	10	7	4	1,087	368	130	220	1,808	3.5	7.5				



Strange Ranger Sale S.G.L. #29

Cherry Grove & Watson Twps., Warren County

- = SGL Boundary
- = SGL Road
- = Landing
- = Block Boundary
- = 2A limestone application
- = Parking Area
- = Oil Well
- = Buried Pipeline

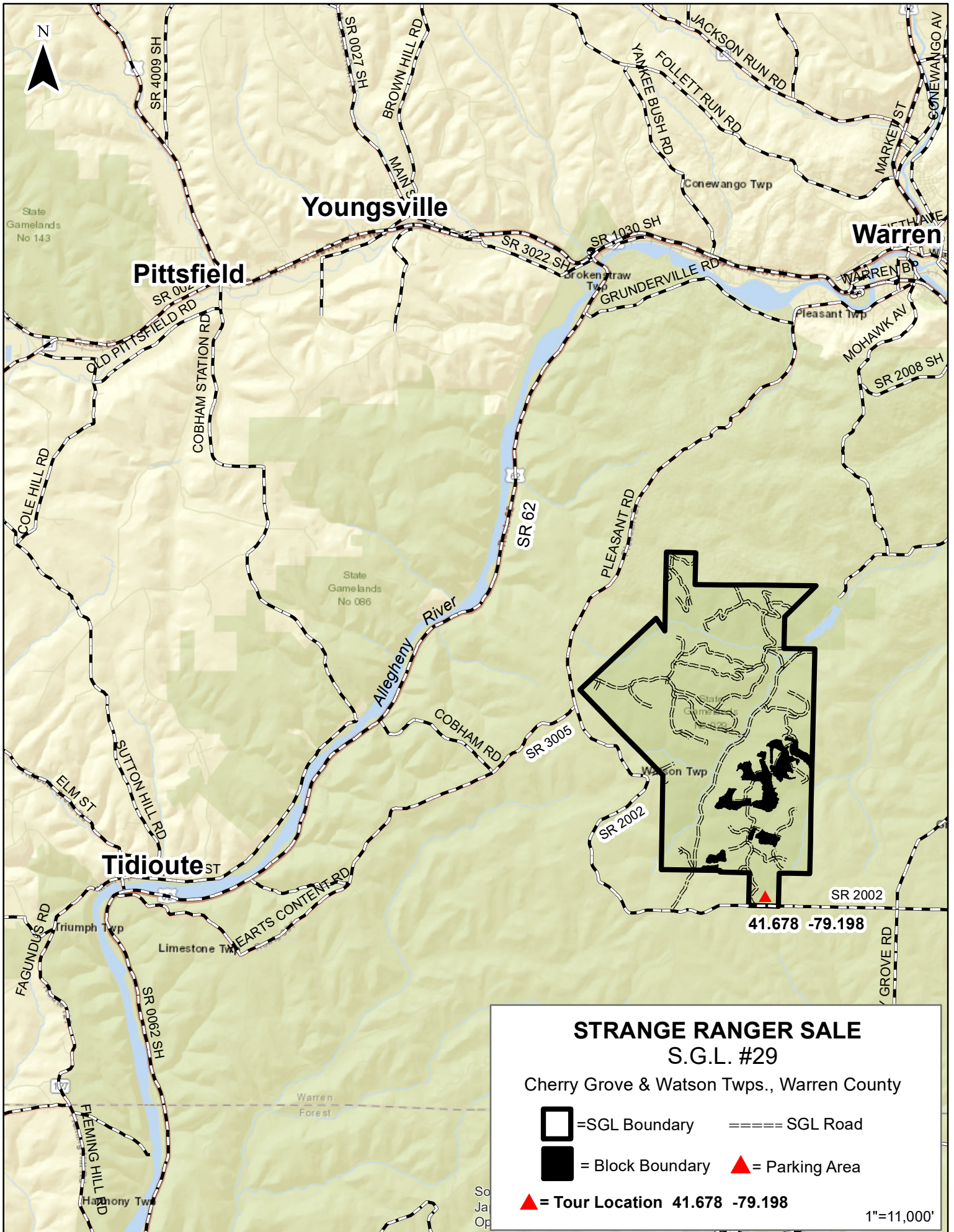
Block 1 - 54 acres	Block 6 - 39 acres	Block 10 - 50 acres
Block 2 - 36 acres	Block 7 - 47 acres	Block 11 - 54 acres
Block 3 - 33 acres	Block 8 - 73 acres	Block 12 - 30 acres
Block 4 - 48 acres	Block 9 - 14 acres	Block 13 - 15 acres
Block 5 - 24 acres		

Total - 517 acres

Meet Here for Tour
41.678 -79.198

SR 2002

1" = 2,000'



Youngsville

Pittsfield



Warren



Tidouate

Allegheny River

**STRANGE RANGER SALE
S.G.L. #29**

Cherry Grove & Watson Twps., Warren County

 = SGL Boundary  = SGL Road

 = Block Boundary  = Parking Area

 = Tour Location 41.678 -79.198

1"=11,000'

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