

STATE GAME LANDS #:025

SALE:025-2022-01

NAME: Sparking Rails

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 633,135 board feet of sawlogs and 5,495 tons of pulpwood located on 389 acres of State Game Lands No. 025, City of St Mary's, Elk County, I offer the following:

\$ _____

(BID QUOTATION MUST BE TYPEWRITTEN OR IN INK)

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

It is further understood that an acceptable bond of **\$20,000.00** will be provided to guarantee faithful performance of the agreement.

Removal of timber to be subject to the terms, conditions and stipulations included in the Timber Sale Agreement. It is understood that the contract will run until **June 15, 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 #025** Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, Feb 27, 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 #:025
SALE:025-2022-01
NAME: Sparking Rails

- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 633,135 board feet of sawlogs and 5,495 tons of pulpwood located on 389 acres of State Game Lands No. 025, City of St Mary's, Elk 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 Feb 3, 2023. Viewers will be met at St Mary's Wheel Alignment, 1089 Windfall Road, St Mary's, Pa 15857 at 10:00 a.m., and conducted to the sale area.

The timber to be sold will be clearly designated by Gary Glick, 1566 S. RT 44 HWY , Jersey Shore, PA 17740, telephone: 1-570-398-4744 ext 30310, the Officer in Charge.

- 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 #025.** 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, February 27, 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 **\$20,000.00** will be required in the form of a Certified Check or a Postal Money Order drawn to the order of the Pennsylvania Game Commission. Negotiable securities, including assignment of a bank savings account may be furnished in lieu of above. A bond with corporate surety approved by the Attorney General, or a bank Irrevocable Letter of Credit, may be posted provided the bond has an expiration date a minimum of 1 year beyond the expiration date of the timber contract.

- EXPIRATION OF CONTRACT -

Contract will expire **June 15, 2025.**

- PAYMENTS -

The sale is divided into **7** cutting blocks. Payment may be made by:

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

1 – 13% - 46 acres
2 – 14% - 57 acres
3 – 14% - 48 acres
4 – 19% - 76 acres
5 – 15% - 61 acres
6 – 14% - 55 acres
7 – 11% - 43 acres

Payment for Block 6 (14% of the bid price) is due at contract execution. Final payment is due No Later Than 120 days before 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 "Sparking Rails TIMBER SALE"

S.G.L. # 025 T.S. # 025-2022-01

Directions to the Site

From St. Mary's Wheel Alignment, 1089 Windfall Rd. St. Mary's PA 15857, go North on Glen Hazel Rd. for 3.6 miles to a gated SGL rd. on the right. Combo lock 3025, follow Gamec rd. 1.14 miles to the timber sale on the right.

1) ADMINISTRATIVE ITEMS

- a) All contractors, subcontractors and consultants of the Buyer must be pre-approved by the Commission. The Commission reserves the right to reject any subcontractor at its sole discretion. If Contractor enters into any subcontract(s) not previously approved by the Commission, the Commission shall have the right to require the Contractor to terminate such contracts.
- b) This 389-acre sale area contains 7 harvest blocks.
- c) Saw timber volumes were determined by a 100% tally. Pulp wood was determined by a 10 BAF prism plot cruise in all blocks.
- d) Payment for block 6 is due at the execution of the contract.
- e) Operator is to contact PA One Call (1-800-242-1776) at least 3 days prior to construction of landings, haul roads, skid trails or other earthmoving activity to identify and locate underground utility lines.
- f) Many active and inactive gas wells and pipelines can be found on this Game Lands and in this vicinity. Most belong to National Fuel Gas or Diversified Gas and Oil please contact them for specific details and crossing requirements.

National Fuel Gas
Unknown

Diversified Gas and Oil
Melvin Shelander
Phone: 814-335-4948

- g) Utilization of whole tree harvesting is not permitted.
- h) **No permanent paint may be used by bidders for marking/cruising this timber sale area.**
- i) Exclusive road use is not guaranteed. Coordination with OGM activities and / or other timber operators may be necessary.

2) BOUNDARIES, BLOCKS, AND CUTTING INSTRUCTIONS

- a) All sale boundaries and islands are marked with double **BLUE** slashes. Block lines with single **Blue** slashes. All **BLUE** marked trees are reserved. **Blue** block numbers face into blocks.
- b) In blocks 1,2,3,5,6, and 7 Yellow marked trees are to be felled. All conifer trees, and dead material is reserved unless otherwise directed by the forester-in-charge.
- c) In block 4 Red marked trees, conifer trees, and dead material is reserved unless otherwise directed by the forester-in-charge. All unmarked or yellow marked trees are to be felled.
- d) Any trees on this sale area considered hazard trees by the operator may be felled for safety reasons and must be left at the stump. The regional forester will be notified of any hazard trees that are felled.
- e) Game Land boundary, roads, pipelines, herbaceous openings and spring runs are to be kept free of tops. Tops and slash will be kept back 50ft feet from the sale boundary, ditch line of all roads and pipelines.
- f) All work in a block must be completed and approved before operations can start in another block.
- g) Stump height will not exceed the diameter of the tree or 12" maximum height.

- h) Slash and debris must be a minimum of 10 ft from the base of all reserve trees. No slash will be permitted within 50ft of roads or designated fire breaks.
- i) 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.
- j) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- k) No fuel woodcutting by individuals other than the operator and his employees will be permitted.

3) US / STATE / LOCAL ROADS

- a) No US routes are anticipated to be used near the sale location and restrictions are unknown. PennDot contact information provided below:
 PennDot
 Pete Kempf
 Senior Civil Engineer Supervisor (Road Bonding)
 (814) 765-0495
<http://www.papostedroads.pa.gov/>
- b) State Route 1001(Glen hazel Rd.) are the anticipated state roads to be used near the sale location. More information can be found by contacting PennDot, contact information provided below:
 PennDot
 Pete Kempf
 Senior Civil Engineer Supervisor (Road Bonding)
 (814) 765-0495
<http://www.papostedroads.pa.gov/>
- c) No city or township roads will be accessed for the purposes of this timber sale.

4) ROADS TO BUILD / IMPROVE

a) Roads to Maintain

- 1. All haul roads used by operator will be suitably drained and crowned (2% - 6% slope) with a road grader or dozer with a 6-way blade at conclusion of sale or if the roads are in poor condition and the sale is going to be left idle for any length of time.
- 2. A stone rake and 10 ton vibrating roller will also be required following grading operations. All road edges including berms will be graded to a contour that allows for the sheet flow of water from the driving surface to an area where it can infiltrate naturally or a ditch if necessary as determined by the regional forester.
 - a. Gamec Rd.. – 12,400 ft
 - b. R-18 – 6,900 ft

b) Road to Improve and Construct

All below specified road work must be approved by the regional forester. Stone Requirements – all values listed are estimates considerably more stone could be necessary depending on road conditions and operator care. All stone requirements assume a 16 ft wide roadway with \approx a 12 ft wide driving surface once completed. See attachment A.

If suitable stone is not found on site, the buyer must supply his own approved stone from another source. The "Minimum" sub-base amount does not include stoning landings or pipeline crossings. To properly fix roads and stone landing sites, considerably more sub-base could be required. The stone locations will be identified by PGC personnel during road improvement operations.

- a. Gamec Rd. + R-18
 - i. 2,700 tons Sub-base
 - ii. 160 tons 2A Limestone

c) Culverts

All below specified road work must be approved by the regional forester. All newly installed culverts will be double walled smooth bore plastic, trenched with an excavator or backhoe. New culverts must be set in a minimum of 4" of compacted 2RC gravel. The 12-foot road surface directly over the culverts must be a minimum of 12 inches deep of compacted 2RC aggregate. The remaining 2RC will be tapered into the existing road elevation on either

side of the pipe. This will require 20 tons of 2RC gravel for each culvert, for a total of 280 tons for the installations. This gravel is not available on the gameland. It must be purchased off-site and delivered to the gameland. Newly installed culverts will also be properly set at correct angles to promote optimal drainage. Outlets will be placed at the natural elevation of the land and have a minimum of ¼ inch and a maximum of ¾ in of drop / foot and have head walls and end walls constructed of stone or approved material. Old culverts will be removed from the site and properly disposed of. The culvert locations will be identified by PGC personnel during road improvement operations.

- a. 13 – New Culverts 15 in diameter * 30 ft
- b. 1 – Replacement Culvert 15 in diameter * 30 ft

Summary

- 280 tons 2RC gravel
- 420 ft of 15in culvert pipe

d) **Broad base dips**

3 – will be installed at road stations 5, 11, and 27. All dips will be armored with 20 tons of 2A limestone.

e) **Tail drains and turnouts**

Will be added or cleaned at the discretion of the regional forester.

f) **Ditches and other drainage structures**

Will be opened and re-established where needed. The road must be crowned to drain all water into the ditches and culverts.

5) LANDINGS

- a) Landing locations may be utilized at the discretion of the operator but must be approved by the regional forester. The operator is responsible for the application of this additional material.
- b) All bark, logging debris, and cull portions of the trees will be removed from the landings at conclusion of use or any time specified by the regional forester.
- c) At the conclusion of the sale, all landings are to be leveled, cleared of debris, and seeded according to specifications outlined below.

6) SKIDDING

- a) No skidding will be allowed through streams, islands or across unprotected pipelines or spring seeps.
- b) Tops and debris must be kept out of all spring seeps and islands, and off roads, trails, power lines, and herbaceous openings.
- 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) Major skid trails and areas at risk for erosion as determined by the regional forester will be graded and seeded according the below listed seeding requirements upon completion of harvesting operations.
- g) Main skid trails are to be leveled, open and have water bars added at the conclusion of the sale.
- h) Cut and fill Skid trails must have the approval of the regional forester prior to construction and will need to be constructed according to BMP's. Approximate locations are shown on the attached Erosion and Sedimentation control plan.

7) SEEDING OF ROADWAYS AND LANDINGS

- a) At conclusion of sale all areas to be seeded will be properly graded with a grader or a dozer with a six way blade and stone raked to clear all rocks 4" and larger. Seeding will include landings, and major skid trails as determined by the regional forester. All seeding will be according to the following:

Exact seed mixture and specifications will be required. No substitutions of other seed mixtures will be allowed.

SEED:

5 lbs CRIMSON clover /acre
5 lbs ladino or white clover /acre
50 lbs oats or wheat (seasonal) /acre

FERTILIZER: 500 LBS/ACRE OF 10-20-20
LIME: 2 ton/acre of pulverized agricultural limestone
MULCH: 2.5 ton/acre straw (100 bales) – no paper mulch
SEEDING DATES: Spring - up to June 15th
Fall – August 1st to September 15.

NOTE: These are per acre rates. Total acres disturbed through logging will be determined at conclusion of sale. This area should not exceed 4 acres. Receipts for lime, fertilizer and seeding materials must be provided to the Regional Forester.

- b) Skid trails will be graded and seeded according to the above listed seeding requirements upon completion of harvesting operations.
- c) All landings will be required to be seeded at the conclusion of this sale.
- d) Any stone pits locations used with this sale will be closed out and seeded according to the above specifications.
- e) The regional forester is to be notified prior to the application of lime, seed, fertilizer, and mulch.
- f) Guaranteed catch of cover must be obtained to the satisfaction of the regional forester before the bond will be released.

8) OPERATIONS AND NON-WORK DAYS

- a) No woods operation will be permitted on the following days without the permission of the forester-in-charge:
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 turkey season, including the youth spring gobbler hunt.
 3. All the days of the general statewide bear season
 4. The entire 2 weeks of the general firearms deer season
 5. The opening day of the flintlock muzzleloader season

No woods operation will be permitted from March, 1st thru April, 15th without the permission of the forester-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 no-work days to check on the condition of equipment.
- 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.

- e) 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).
- f) 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.

9) MISCELLANEOUS

- a) Operator must comply with the erosion and sedimentation control plan for the area.
- b) All woods operations are to proceed at the same time.
- c) Operator will supply all employees working on this site with a map and copy of the sale provisions.
- d) Operator is to use gated game lands access roads for logging purposes only.
- e) *Violation of contract provisions by the operator may subject the operator or its employees or contractors to fine based on Title 58 regulations*

10) FORESTER CONTACT INFORMATION

Forester	Regional Forester
Travis Weinzierl	Gary Glick
(814) 335-6470	(570) 398-4744
	Ext. 30310

Please feel free to call with any questions or concerns.

11) PA RIGHT TO KNOW PROVISIONS

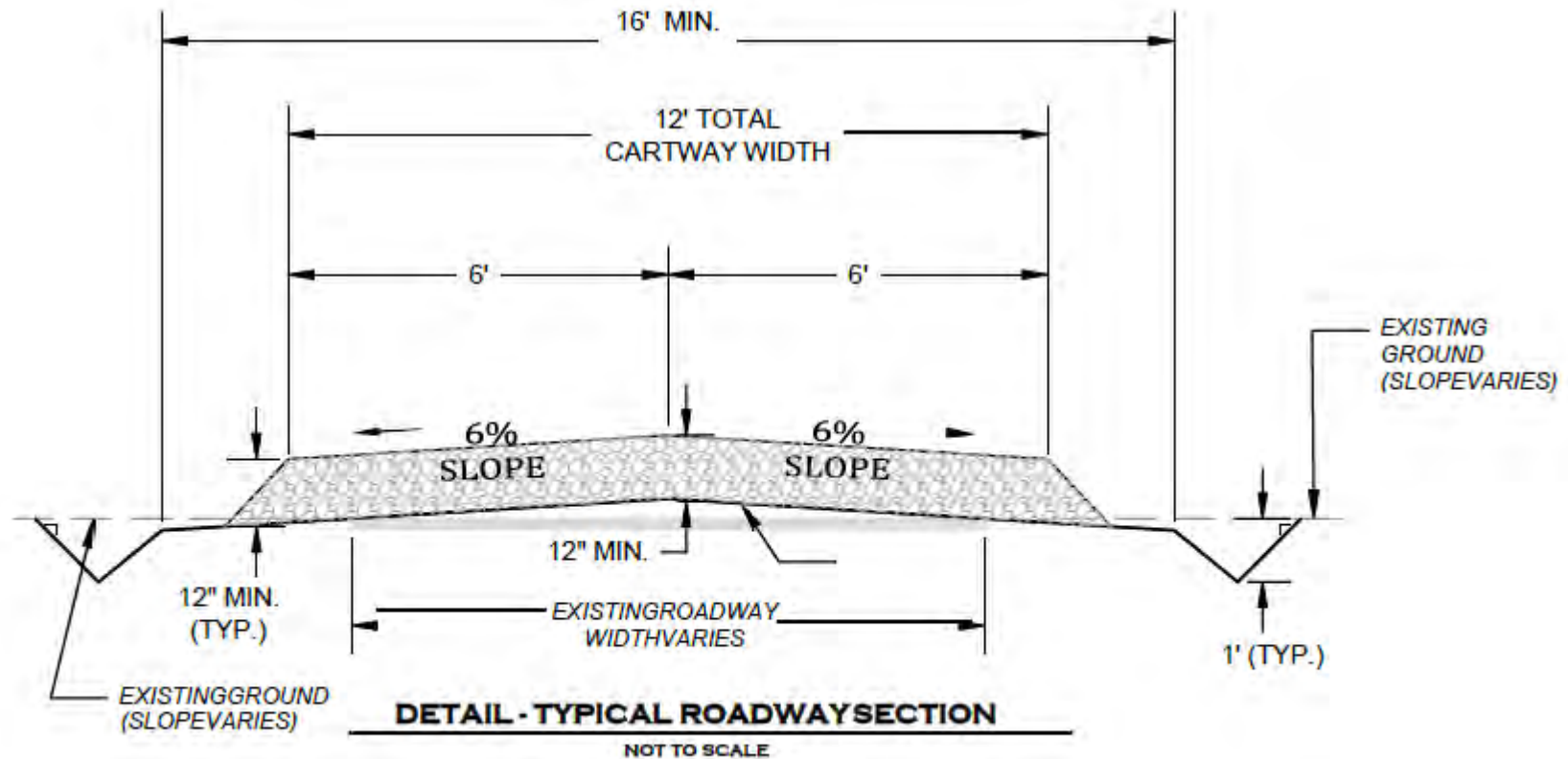
- a) The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, applies to this contract.
- b) Unless the Contractor provides the Commonwealth, in writing, with the name and contact information of another person, the agency shall notify the Contractor using the Contractor information provided by the Contractor in SRM [or "the legal contact information provided in this contract"] if the agency needs the Contractor's assistance in any matter arising out of the Right to Know Law ("RTKL"). The Contractor shall notify the agency in writing of any change in the name or the contact information within a reasonable time prior to the change.
- c) Upon notification from the Commonwealth that the Commonwealth requires the Contractor's assistance in responding to a RTKL request for records in the Contractor's possession, the Contractor shall provide the Commonwealth, within fourteen (14) calendar days after receipt of such notification, access to, and copies of, any document or information in the Contractor's possession which arises out of the contract that the Commonwealth requests ("Requested Information") and provided such other assistance as the Commonwealth may request in order to comply with the RTKL. If the Contractor fails to provide the Requested Information within fourteen (14) calendar days after receipt of such request, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth.
- d) The Commonwealth's determination as to whether the Requested Information is a public record is dispositive of the question as between the parties. Contractor agrees not to challenge the Commonwealth's decision to deem the Requested Information a Public Record. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, the Contractor will immediately notify the Commonwealth, and will provide a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL within seven (7) calendar days of receiving the request. If, upon review of the Contractor's written statement, the Commonwealth still decides to provide the Requested Information, Contractor will not challenge or in any way hold the Commonwealth liable for such a decision.

- e) The Commonwealth will reimburse the Contractor for any costs associated with complying with this provision only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.
- f) Contractor agrees to abide by any decision to release a record to the public made by the Office of Open Records, or by the Pennsylvania Courts. The Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth's disclosure of Requested Information pursuant to the RTKL. Contractor's duties relating to the RTKL are continuing duties that survive the expiration of this contract and shall continue as long as the Contractor has Requested Information in its possession.

Attachment A

CONSTRUCTION NOTES:

1. GRADE ROADWAY 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 WITH 10-TON (MIN.) VIBRATORY DRUM ROLLER.



Report For Sparking Rails

Sale Name:	Sparking Rails	SGL Number:	25
Forester:	TW	Report Date:	05/16/2022
Blocks Numbers in Sale:	1,2,3,4,5,6,7	Acres:	387
County:	Elk	Township:	ST MARYS

The Pennsylvania Game Commission SGL #25 - Sparking Rails 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	46	12%	Individual Selection	100% Tally	47,983	1,039	8%	BAF 10 Plot	692	15	13%	4,536	0	0
2	57	15%	Individual Selection	100% Tally	75,755	1,332	12%	BAF 10 Plot	930	16	17%	2,172	0	0
3	48	12%	Individual Selection	100% Tally	85,157	1,773	13%	BAF 10 Plot	885	18	16%	8,741	0	0
4	76	20%	Individual Selection	100% Tally	217,050	2,842	34%	BAF 10 Plot	1,355	18	25%	6,251	0	0
5	61	16%	Individual Selection	100% Tally	86,987	1,419	14%	BAF 10 Plot	385	6	7%	1,561	0	0
6	55	14%	Individual Selection	100% Tally	69,234	1,256	11%	BAF 10 Plot	757	14	14%	902	0	0
7	43	11%	Thinning	100% Tally	50,969	1,182	8%	BAF 10 Plot	490	11	9%	3,623	0	0
Total	387	100%			633,135		100%		5,495	14.2	100%	27,787		

Pulpwood was sampled in block(s) 1, 2, 3, 4, 5, 6, 7 with a precision of +/- 17.2% (90% C.I.)

The Pennsylvania Game Commission

SGL #25 - Sparking Rails Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 387 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	821	39,706	990	87,600	659	86,666	313	54,876	192	41,316	74	20,220	27	7,575	9	3,002	3	981	2	655	3,090	342,597	111	946	652
Red Maple	998	47,489	602	51,568	293	37,012	121	19,593	46	10,387	17	4,528	7	1,896	2	896	0	0	0	0	2,086	173,367	83	13,579	3,074
Yellow-poplar	8	396	20	2,070	24	4,012	36	9,782	24	7,578	14	6,029	9	4,609	0	0	0	0	0	0	135	34,476	255	50	27
Sweet Birch	195	7,275	128	8,024	49	4,012	12	1,350	9	1,307	4	701	0	0	0	0	1	514	0	0	398	23,183	58	1,678	505
Cucumbertree	98	5,406	53	6,215	26	4,812	10	2,670	1	344	0	0	0	0	0	0	0	0	0	0	188	19,446	103	648	259
Black Cherry	22	933	17	1,169	22	2,488	19	3,229	8	1,908	5	1,430	1	272	2	861	1	666	0	0	97	12,955	134	119	45
Chestnut Oak	176	7,012	44	3,267	17	1,659	3	346	0	0	0	0	0	0	0	0	0	0	0	0	240	12,283	51	479	172
American Beech	51	2,296	20	1,603	6	681	1	93	1	191	2	285	0	0	0	0	0	0	0	0	81	5,150	64	2,680	493
Red Maple - dead	16	763	16	1,424	3	435	5	817	2	429	0	0	0	0	0	0	0	0	0	0	42	3,868	92	212	62
Sugar Maple	19	784	8	491	1	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	1,414	51	325	96
Sweet Birch - dead	8	287	3	204	3	355	1	233	1	177	0	0	0	0	0	0	0	0	0	0	16	1,256	78	0	0
White Pine	6	270	1	95	0	0	1	173	0	0	1	121	0	0	0	0	0	0	0	0	9	660	73	0	0
Sugar Maple - dead	2	84	4	397	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	585	84	0	0
White Oak	5	219	2	175	1	171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	564	71	52	21
Cucumbertree - dead	0	0	0	0	1	199	0	0	1	344	0	0	0	0	0	0	0	0	0	0	2	543	271	0	0
Yellow Birch	1	33	1	103	1	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	243	81	24	32
Aspen	0	0	0	0	0	0	1	214	0	0	0	0	0	0	0	0	0	0	0	0	1	214	214	0	0
American Basswood	0	0	1	71	0	0	1	128	0	0	0	0	0	0	0	0	0	0	0	0	2	199	100	0	0
Black Gum	2	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	79	40	0	0
White Ash	1	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	53	53	78	19
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	22
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139	17
Total	2,429	113,084	1,910	164,476	1,107	142,850	524	93,505	285	63,979	117	33,314	44	14,352	13	4,758	5	2,160	2	655	6,436	633,135	98	21,072	5,495

The Pennsylvania Game Commission

SGL #25 - Sparking Rails Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 46 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
Red Maple	162	7,434	110	9,126	57	7,095	25	3,880	10	1,670	2	609	1	272	0	0	0	0	0	0	367	30,086	82	1,706	387
N. Red Oak	14	599	17	1,381	19	2,335	9	1,385	9	1,696	3	757	2	536	2	771	0	0	0	0	75	9,461	126	0	0
Sweet Birch	22	851	14	855	8	612	3	365	2	216	1	132	0	0	0	0	0	0	0	0	50	3,032	61	301	103
Cucumbertree	1	51	4	348	4	662	3	637	0	0	0	0	0	0	0	0	0	0	0	0	12	1,698	142	0	0
Black Cherry	3	123	2	185	2	346	3	725	0	0	0	0	1	272	0	0	0	0	0	0	11	1,650	150	0	0
American Beech	14	630	3	220	1	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	922	51	861	145
Chestnut Oak	13	502	3	219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	722	45	0	0
Yellow-poplar	0	0	0	0	0	0	0	0	1	222	0	0	0	0	0	0	0	0	0	0	1	222	222	0	0
White Pine	2	97	1	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	191	64	0	0
Yellow Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	32
Sugar Maple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	25
Total	231	10,287	154	12,429	91	11,121	43	6,993	22	3,804	6	1,498	4	1,080	2	771					553	47,983	87	2,987	692

The Pennsylvania Game Commission

SGL #25 - Sparking Rails Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 57 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
Red Maple	246	11,505	130	11,357	43	5,194	33	5,210	7	1,836	4	975	4	978	0	0	0	0	0	0	467	37,054	79	2,736	669
N. Red Oak	67	2,987	68	5,615	50	5,874	14	2,441	9	1,937	4	1,064	0	0	0	0	0	0	0	0	212	19,918	94	116	47
Sweet Birch	57	2,062	45	2,671	16	1,224	7	657	5	742	1	132	0	0	0	0	0	0	0	0	131	7,487	57	259	71
Red Maple - dead	16	763	16	1,424	3	435	5	817	2	429	0	0	0	0	0	0	0	0	0	0	42	3,868	92	58	22
Chestnut Oak	15	566	6	358	2	201	1	132	0	0	0	0	0	0	0	0	0	0	0	0	24	1,257	52	58	24
Sweet Birch - dead	8	287	3	204	3	355	1	233	1	177	0	0	0	0	0	0	0	0	0	0	16	1,256	78	0	0
Sugar Maple	12	482	5	266	1	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	886	49	148	51
American Beech	5	222	4	273	1	154	0	0	1	191	0	0	0	0	0	0	0	0	0	0	11	840	76	251	46
Cucumbertree	4	219	2	242	0	0	0	0	1	344	0	0	0	0	0	0	0	0	0	0	7	804	115	0	0
Sugar Maple - dead	2	84	4	397	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	585	84	0	0
Cucumbertree - dead	0	0	0	0	1	199	0	0	1	344	0	0	0	0	0	0	0	0	0	0	2	543	271	0	0
Black Cherry	2	69	2	130	0	0	0	0	0	0	1	308	0	0	0	0	0	0	0	0	5	506	101	0	0
White Oak	1	51	0	0	1	171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	222	111	0	0
Aspen	0	0	0	0	0	0	1	214	0	0	0	0	0	0	0	0	0	0	0	0	1	214	214	0	0
White Pine	1	31	0	0	0	0	0	0	0	0	1	121	0	0	0	0	0	0	0	0	2	152	76	0	0
American Basswood	0	0	0	0	0	0	1	128	0	0	0	0	0	0	0	0	0	0	0	0	1	128	128	0	0
Yellow Birch	1	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	33	33	0	0
Total	437	19,360	285	22,937	122	14,048	63	9,832	27	6,000	11	2,600	4	978							949	75,755	80	3,627	930

The Pennsylvania Game Commission

SGL #25 - Sparking Rails Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 3 - 48 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	93	5,279	113	11,916	63	10,537	24	4,796	13	3,435	5	1,960	0	0	0	0	0	0	0	0	311	37,924	122	118	323
Red Maple	158	9,109	86	8,681	40	6,296	10	2,235	2	555	2	609	0	0	1	448	0	0	0	0	299	27,933	93	1,751	297
Cucumbertree	34	2,127	23	3,139	9	1,721	4	1,132	0	0	0	0	0	0	0	0	0	0	0	0	70	8,120	116	185	77
Yellow-poplar	1	77	3	399	2	349	8	2,471	2	778	2	981	0	0	0	0	0	0	0	0	18	5,056	281	0	0
Black Cherry	7	319	5	336	9	1,113	3	664	1	182	0	0	0	0	0	0	0	0	0	0	25	2,613	105	0	0
Sweet Birch	17	665	8	531	1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	1,262	49	0	0
Chestnut Oak	17	799	3	335	1	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	1,197	57	133	41
American Beech	8	390	4	515	1	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	1,020	78	582	126
White Oak	1	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	33	33	52	21
Total	336	18,799	245	25,852	126	20,260	49	11,298	18	4,950	9	3,550			1	448					784	85,157	109	2,821	885

The Pennsylvania Game Commission

SGL #25 - Sparking Rails Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 4 - 76 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	285	12,814	369	32,455	288	38,146	139	25,638	95	21,173	37	10,464	16	4,731	3	705	0	0	1	327	1,233	146,453	119	304	123
Red Maple	158	7,188	91	8,039	55	7,100	22	3,921	13	3,152	5	1,283	0	0	0	0	0	0	0	0	344	30,682	89	3,776	838
Yellow-poplar	5	257	17	1,671	20	3,370	26	6,845	19	5,978	11	4,704	3	1,641	0	0	0	0	0	0	101	24,466	242	50	27
Chestnut Oak	98	3,882	27	1,924	11	1,059	2	214	0	0	0	0	0	0	0	0	0	0	0	0	138	7,078	51	178	60
Black Cherry	2	69	2	130	5	460	3	476	2	429	2	679	0	0	0	0	1	666	0	0	17	2,909	171	0	0
Cucumbertree	30	1,421	9	796	2	341	1	266	0	0	0	0	0	0	0	0	0	0	0	0	42	2,824	67	339	115
Sweet Birch	13	493	9	526	8	691	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	1,710	57	228	75
Sugar Maple	4	186	3	226	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	412	59	0	0
White Oak	3	135	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	210	53	0	0
American Beech	2	93	0	0	1	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	165	55	278	40
White Pine	3	143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	143	48	0	0
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	154	41
White Ash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	19
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139	17
Total	603	26,680	528	45,840	390	51,239	193	37,360	129	30,731	55	17,130	19	6,372	3	705	1	666	1	327	1,922	217,050	113	5,524	1,355

The Pennsylvania Game Commission

SGL #25 - Sparking Rails Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 5 - 61 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	240	12,395	245	21,272	128	16,400	51	8,140	19	4,159	7	1,643	1	272	1	448	0	0	0	0	692	64,729	94	62	25
Red Maple	79	3,832	71	5,708	17	2,104	2	387	2	429	1	384	0	0	0	0	0	0	0	0	172	12,844	75	1,152	221
Cucumbertree	28	1,555	15	1,690	10	1,917	1	333	0	0	0	0	0	0	0	0	0	0	0	0	54	5,495	102	125	67
Sweet Birch	19	713	19	1,344	3	239	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	2,296	56	62	24
Chestnut Oak	18	679	3	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	944	45	62	26
Yellow Birch	0	0	1	103	1	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	209	105	0	0
Yellow-poplar	0	0	0	0	1	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	161	161	0	0
American Beech	3	129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	129	43	0	0
White Oak	0	0	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	100	0	0
Black Cherry	0	0	1	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	79	79	0	0
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	22
Total	387	19,302	356	30,562	160	20,928	54	8,860	21	4,588	8	2,027	1	272	1	448					988	86,987	88	1,527	385

The Pennsylvania Game Commission

SGL #25 - Sparking Rails Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 6 - 55 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	107	4,921	136	11,799	88	10,694	49	8,228	27	5,389	5	1,532	3	1,116	1	324	2	759	1	327	419	45,089	108	241	97
Red Maple	61	2,815	23	2,230	14	1,807	6	1,006	7	1,841	1	308	0	0	1	448	0	0	0	0	113	10,455	93	1,367	345
Sweet Birch	61	2,291	29	1,901	10	864	1	188	1	241	2	438	0	0	0	0	1	514	0	0	105	6,437	61	744	217
Yellow-poplar	2	62	0	0	1	131	2	466	2	600	1	344	6	2,968	0	0	0	0	0	0	14	4,572	327	0	0
Chestnut Oak	15	584	2	165	3	336	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	1,085	54	48	20
Black Cherry	3	142	1	79	0	0	0	0	1	247	1	135	0	0	0	0	0	0	0	0	6	604	101	0	0
American Beech	3	150	1	111	1	154	1	93	0	0	0	0	0	0	0	0	0	0	0	0	6	508	85	332	79
Cucumbertree	0	0	0	0	0	0	1	302	0	0	0	0	0	0	0	0	0	0	0	0	1	302	302	0	0
Black Gum	2	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	79	40	0	0
White Ash	1	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	53	53	0	0
Sugar Maple	1	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	51	51	0	0
Total	256	11,147	192	16,286	117	13,986	60	10,283	38	8,319	10	2,756	9	4,084	2	771	3	1,273	1	327	688	69,234	101	2,732	757

The Pennsylvania Game Commission

SGL #25 - Sparking Rails Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 7 - 43 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
Red Maple	134	5,606	91	6,428	67	7,417	23	2,953	5	903	2	360	2	646	0	0	0	0	0	0	324	24,313	75	1,090	317
N. Red Oak	15	711	42	3,161	23	2,681	27	4,248	20	3,527	13	2,800	5	920	2	754	1	222	0	0	148	19,024	129	105	37
Black Cherry	5	211	4	230	6	569	10	1,364	4	1,050	1	308	0	0	2	861	0	0	0	0	32	4,594	144	119	45
American Beech	16	682	8	484	1	115	0	0	0	0	2	285	0	0	0	0	0	0	0	0	27	1,566	58	375	56
Sweet Birch	6	201	4	196	3	315	1	139	1	108	0	0	0	0	0	0	0	0	0	0	15	960	64	82	16
Cucumbertree	1	33	0	0	1	171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	203	102	0	0
White Pine	0	0	0	0	0	0	1	173	0	0	0	0	0	0	0	0	0	0	0	0	1	173	173	0	0
American Basswood	0	0	1	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	71	71	0	0
Sugar Maple	2	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	65	33	82	19
Total	179	7,509	150	10,571	101	11,268	62	8,878	30	5,588	18	3,752	7	1,566	4	1,615	1	222			552	50,969	92	1,854	490

The Pennsylvania Game Commission

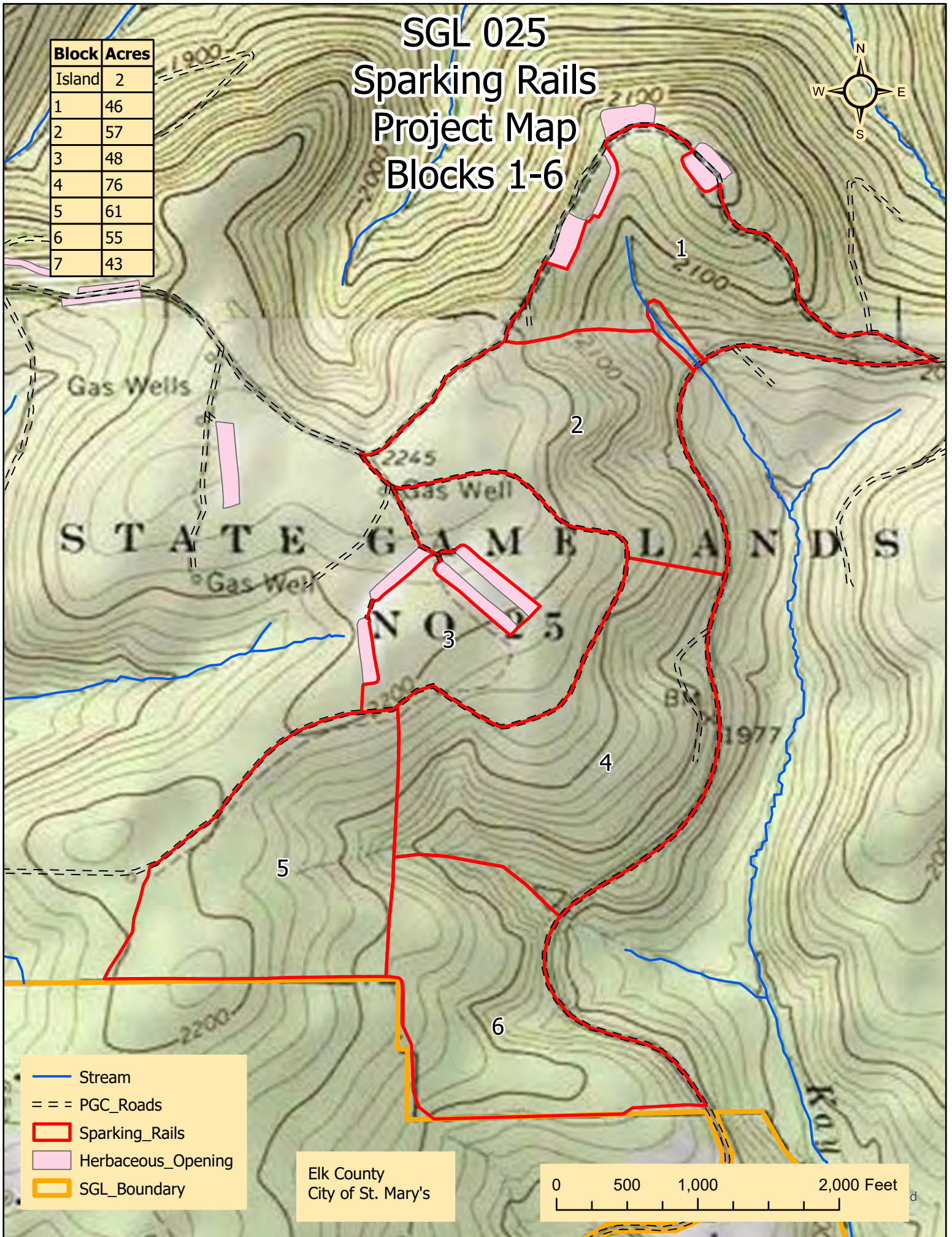
SGL #25 - Sparking Rails Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 387 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	7,169	961	3,893	960	2,555	1,063	113	71	0	0	44	57	15	25	0	0	13,791	3,136
N. Red Oak	0	0	0	0	0	0	78	17	787	308	0	0	26	25	20	28	0	0	39	95	1,009	674
Sweet Birch	0	0	0	0	463	68	386	84	716	273	82	51	31	29	0	0	0	0	0	0	1,678	505
American Beech	0	0	0	0	1,825	258	755	190	100	44	0	0	0	0	0	0	0	0	0	0	2,680	493
Cucumbertree	0	0	0	0	139	8	81	22	429	229	0	0	0	0	0	0	0	0	0	0	648	259
Chestnut Oak	0	0	0	0	0	0	159	37	320	135	0	0	0	0	0	0	0	0	0	0	479	172
Sugar Maple	0	0	0	0	0	0	267	69	58	27	0	0	0	0	0	0	0	0	0	0	325	96
Black Cherry	0	0	0	0	0	0	82	19	0	0	37	26	0	0	0	0	0	0	0	0	119	45
Yellow Birch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	32	0	0	0	0	24	32
Yellow-poplar	0	0	0	0	0	0	0	0	50	27	0	0	0	0	0	0	0	0	0	0	50	27
White Oak	0	0	0	0	0	0	0	0	52	21	0	0	0	0	0	0	0	0	0	0	52	21
White Ash	0	0	0	0	0	0	78	19	0	0	0	0	0	0	0	0	0	0	0	0	78	19
Sassafras	0	0	0	0	139	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139	17
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 Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Serviceberry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total					9,735	1,313	5,780	1,415	5,066	2,128	232	148	56	54	88	118	15	25	39	95	21,072	5,495

SGL 025 Sparking Rails Project Map Blocks 1-6

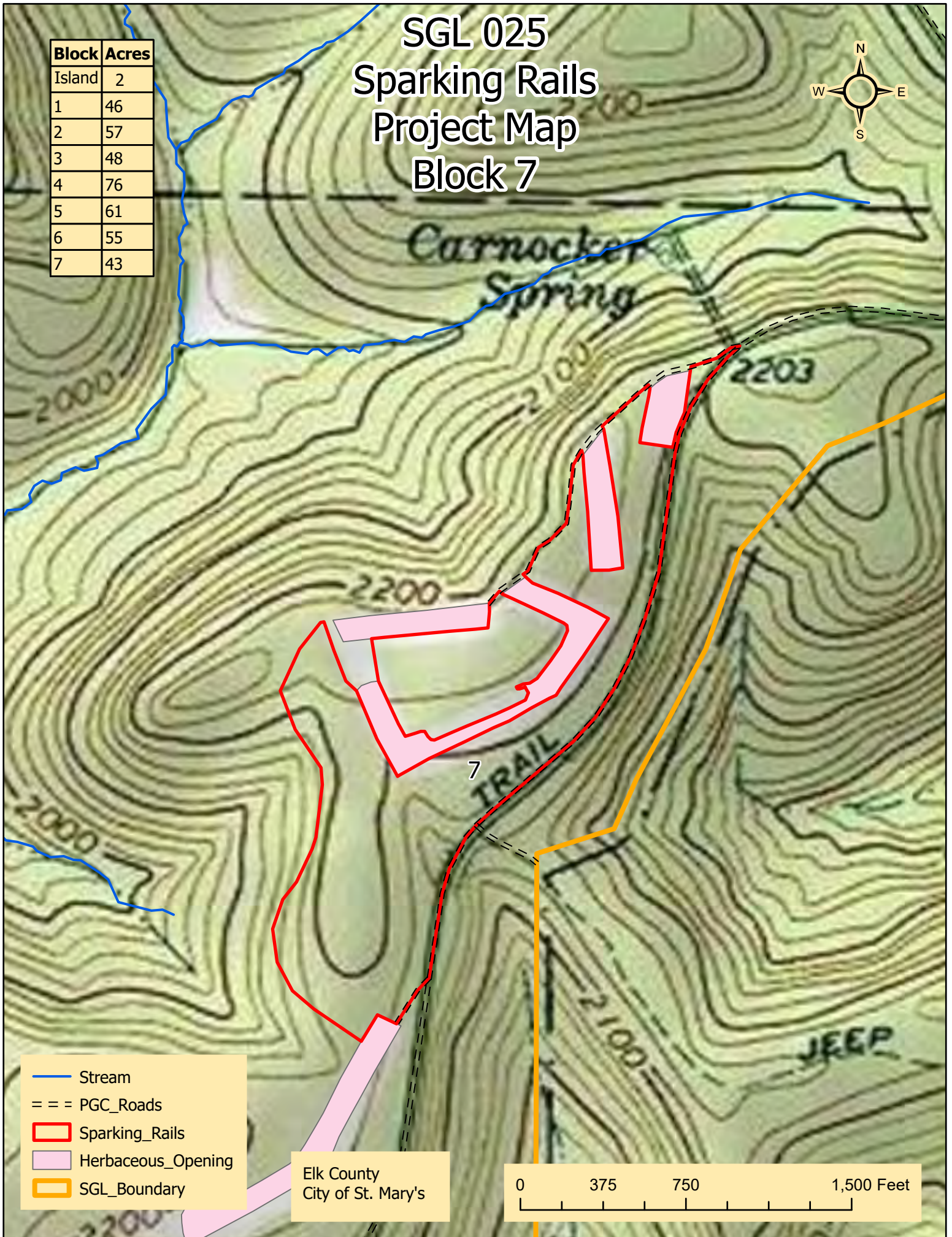
Block	Acres
Island	2
1	46
2	57
3	48
4	76
5	61
6	55
7	43



SGL 025 Sparking Rails Project Map Block 7



Block	Acres
Island	2
1	46
2	57
3	48
4	76
5	61
6	55
7	43



- Stream
- PGC_Roads
- Sparking_Rails
- Herbaceous_Opening
- SGL_Boundary

Elk County
City of St. Mary's

0 375 750 1,500 Feet

