STATE GAME LANDS #: 54 SALE: 054-2024-01

NAME: Legacy Sale

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 1,085,836 board feet of sawlogs and 2,419 tons of pulpwood located on 381 acres of State Game Lands No. 54, Polk & Snyder Townships, Jefferson 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

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 #54.** Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, November 4, 2024**. 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 #: 54 SALE #: 054-2024-01

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- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 1,085,836 board feet of sawlogs and 2,419 tons of pulpwood to be cut from 381 acres of State Game Lands No. 54, Polk & Snyder Townships, Jefferson 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 **October 16, 2024**. Viewers will be met at SGL parking area off SR949, as shown on the attached map 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 #54.** 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, November 4, 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 **\$50,00.00** 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 4 cutting blocks. Payment may be made by:

1. Total payment when agreement is signed.

or

2. Payment by individual block or blocks.

1 - 27% - 79 acres

2 - 49% - 55 acres

3 - 9% - 109 acres

4 - 14% - 138 acres

Payment for Block 1 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 though 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 <u>LEGACY SALE</u> S.G.L. # 54 T.S. # 054-2024-01

1) ADMINISTRATIVE ITEMS

- a) This timber sale consists of 4 blocks and has an estimated 1,085,836 board feet of sawtimber and 2,418 tons of pulpwood on 381 total treated acres.
- b) The Legacy Timber Sale on State Game Land 54 covers 381 acres in Polk and Snyder Townships, Jefferson County. Blocks 1 can be accessed by SR 949 while blocks 2-4 can be accessed by Game School Road (SR1010).
- c) Block 1 does contain oak mortality. Tree volume was deducted for rot but no guarantees on soundness or quality can be made.
- d) 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.
- e) The contractor must submit a PA One Call prior to all logging activities. Buried gas pipelines and a well are located along the boundary of block 1 and an abandoned well is in block 4. Prior to operations in this block, the operator must contact and have an on-site meeting with all relevant OGM operators identified during the PA One Call process.
- f) Payment for Block 1 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 blocks are bounded by SGL roads, powerlines, and two blue stripes. Gameland boundaries are designated with white blazes.
- b) Trees to be cut in blocks 1, 3 and 4 are marked with YELLOW paint. Trees marked with a YELLOW "G" are to be girdled. Two parallel, horizontal grooves deep enough to go through the cambium layer must be cut around the circumference of the tree.
- c) All trees are to be cut in block 2 down to 6" dbh <u>EXCEPT</u> those with a painted BLUE ring around the stem.
- g) Blocks 1 and 2 contain advanced regeneration and caution should be taken to minimize damage. No fully mechanized equipment will be allowed in blocks 1 and 2. Prohibited equipment 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.
- d) A powerline follows the northern border of block 4. No trees should be felled on the line.
- e) 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.
- f) Game Land boundary, roads, herbaceous openings, and spring runs are to be kept free of tops.

- g) Within a block, cutting of polewood and sawtimber shall proceed in a complete and orderly manner. All cutting in one block must be completed to the satisfaction of the Regional Forester or his designee before commencing operations in a subsequent block.
- h) All stumps must be cut lower than 12" ground height.
- 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) No whole tree harvesting, or on-site chipping is permitted.
- k) All top wood 3-inch diameter and smaller is reserved and shall not be removed from the site.
- I) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- m) Except for the contractor, no persons shall be permitted to cut or remove firewood.
- n) All tops must be pulled back 15 feet from all SGL boundaries, roads, road ditches/ diversions, culvert pipes, powerlines and spring runs.

3) US/STATE/LOCAL ROADS

- a) SR 1010 (Game School Rd) has posted weight limits and must be bonded. For more information contact the PennDot District 10 Office (Permits) at 724-357-2832.
- b) Spring Creek Road (T-438) is in Heath Township, Jefferson County, and will require bonding. This road will be used to access stone that will be used on the block 1 landing.

Heath Township 2801 Pine Run Road Sigel, PA 15860 (814) 752-6208

4) ROADS TO MAINTAIN

Total distance of State Game Land access roads to maintain is 34,775 feet or 6.1 miles.

a) General Road Specs

- The contractor will be required to maintain the gameland roads in "as good or better condition" 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 October to January and must always remain open and passable.
- 2. The contractor must submit a PA One Call prior to all logging activities. Buried gas pipelines and wells are found in and around blocks 1 and 4. Prior to operations in this block, the operator must contact and have an on-site meeting with all relevant OGM operators identified during the PA One Call process.
- 3. A road maintenance project will be occurring on a road that will be crossed for hauling of blocks 2-4. This project will be completed prior to July 1, 2025, and may affect hauling for up to two weeks.

- 4. 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.
- 5. Upon conclusion of use and as directed by the Regional Forester or his designee, the haul roads will be graded. All roads must be graded with a motor grader. Total distance to grade and maintain is 34,775 feet or 6.6 miles smooth and rut-free, with 12-foot running surface or the roadway original width, whichever is wider, and with positive drainage including ditches, broad based dips, and turnouts. Roads must be crowned or sloped, as directed by the Regional Forester or designee, to drain all water into ditches and culverts. Any and all piles of surface sidecast should be graded level by feathering it back into the road berms and/ or road surface during final grading. Road berms should be graded to mow-able contour. 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.
- 6. There are existing culverts along the hauling route. These culverts are to be maintained in good working condition throughout hauling operations. The contractor is responsible for damage to culverts/ headwalls resulting from timber operation. The contractor will immediately repair and/ or replace damaged culverts with new black corrugated double-walled smoothbore plastic culvert pipes of equivalent diameter and length as the damaged culvert, will remove damaged culverts from the Game Lands, and will re-construct headwalls as directed by the Regional Forester or his designee.
- 7. Any freshly disturbed soil from the road work must be immediately seeded with oats or wheat (as determined by the Regional Forester or his designee at a rate of 30lbs./ acre while the soil is freshly disturbed.
- 8. Gates are to be kept closed and always locked except when the contractor is present on the site.

b) Road Improvements

1. The Contractor will be required to spot apply 130 tons of stone to 1,850' of road accessing blocks 3 and 4. This road section will need to be graded and reshaped after stone is applied. Stone can be found on a game land pit approximately 2.3 miles north of the site.

5) LANDINGS

- a) Existing landings are shown on the sale map. The operator may also utilize roadside landings with the approval of the Regional Forester or his designee.
- b) The landing for Block 1 is regularly wet and will require stone applied to a 50' X 150' area at a compacted depth of one foot. Approximately 555 tons will be needed and is available from a stone pit along Spring Creek Road. This road will require bonding to haul stone. Geotextile fabric must be put down before stone is applied.
- c) Two powerlines intersect at the landing location for block 4. Care should be taken to avoid damage to these lines.
- d) 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.
- e) Upon conclusion of use, the landings will be cleared of debris (including bark and rocks), graded smooth with positive drainage, and ditched as directed by the Regional Forester or his designee.

Immediately after final grading, the contractor will apply seed and straw mulch to the landings in accordance with specifications outlined in Section 7 below.

6) **SKIDDING**

- a) Skid trails will be designated by the Regional Forester or his designee. Existing trails are to be used for skidding and must be left open and level.
- b) A buried waterline runs through block 3 and is not to crossed with any equipment.
- c) A buried gas line follows the western edge of block one.
- d) Skidders are to be kept off haul roads as much as possible.
- e) Wet areas should be avoided when skidding and any treetops which are felled into wet areas should be left in the water rather than pulling them out.
- f) If skid trails are to sit idle for one month or more, they are to have water bars added.
- g) Main skid trails are to be leveled, open and have water bars added at the conclusion of the sale.

7) SEEDING OF ROADWAYS AND LANDINGS

a) At the conclusion of the sale, <u>all landings and disturbed areas</u> 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 2 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. Seeding done after September 30 will not be inspected until May 15 of the following year in order to assure winter survival.

8) OPERATIONS AND NON-WORK DAYS

- 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 <u>March 1 to May 15</u> 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 no-work days 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.
- All existing trails and at least one main skid trail must be kept open for hunter access in each block.
- d) Implement spill pollution prevention measures as follows: 1. 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. 2. Contain leaks/spills immediately. 3. Properly dispose of Soil and absorbents through a landfill approved by the Department of Environmental Protection. 4. Take any precautions, as directed by PGC foresters, to prevent soil erosion, water pollution, and other conditions detrimental to the environment on State Game Lands. Follow all DEP guidelines and regulations relating to spills and spill prevention.
- e) To minimize the spread of invasive plants, all earth-moving and logging equipment (bulldozers, mechanical fellers, skidders, loaders, chippers, etc.) should be thoroughly cleaned prior to entering the State Game Lands (SGL).
- f) Violation of contract provisions by the operator may subject the operator or its employees or contractors to fine based on Title 58 regulations.
- g) Payment for Block 1 is due at contract execution.

11) Forester Contact Information

Forester Ben Caun: (814) 631-8032

Assistant Regional Forester Dave Smerkar: (814) 516-5797 Regional Forester Scott Wolbert: (814) 432-3187 ext. 11181

12) 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 it possession.

LOGGING COSTS FOR THE LEGACY SALE S.G.L. # 54

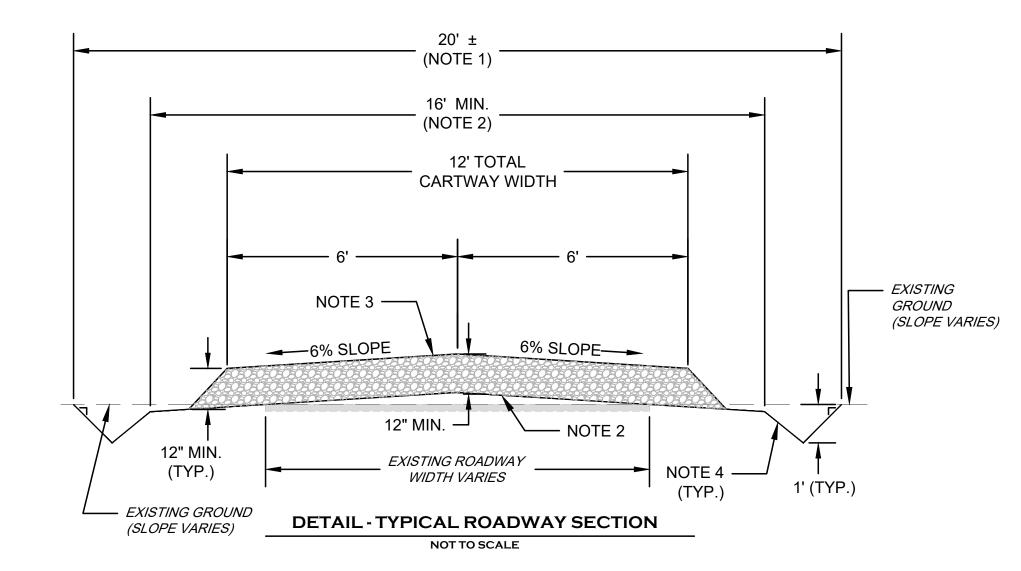
A.	ROAD IMPROVEMENTS Apply 130 tons of stone to road to blocks 3 & 4		\$ 1,800
B.	LANDINGS Apply 7,500 sq.ft. of geotextile fabric Apply 555 tons to block 1 landing		\$ 2,000 \$ 7,500
C.	CLEAN-UP Final road grading & rolling Remove logging debris from landings Level and grade skid trails & landings		\$ 24,000 \$ 2,000 \$ 4,000
D.	MISC. Cutting culls		\$ 1,225
E.	SEEDING (2 acres)		\$ 5,500
		TOTAL	\$ 48,025

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.



GIRARD FORM CLASS SAW TIMBER BY SPECIES

<u>SPECIES</u>	FORM CLASS	SPECIES	FORM CLASS
Red Oak	83	Tulip & Cucumber	81
Black Oak	81	White Ash	82
White Oak	81	Birch	82
Scarlet Oak	84	Beech	84
Chestnut Oak	80	Hemlock	78
Red Maple	83	White Pine	79
Sugar Maple	81	All Other Hardwoods	79
Black Cherry	83	All Other Softwood	79

Report For Legacy

Sale Name:	Legacy	SGL Number:	54
Forester:	Caun	Report Date:	08/23/2024
Blocks Numbers in Sale:	1,2,3,4	Acres:	381
County:	Jefferson,Jefferson	Township:	Polk,Snyder

The Pennsylvania Game Commission SGL #54 - Legacy Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

				Sale S	Summary b	y Harvest	Block							
		Area			Sawtin	nber			Pulp	wood			Culls	
Block Number	Acres	% of Sale	Harvest Type	Method	BDFT	Per Acre	% of Sale	Method	Tons	Per Acre	% of Sale	2 - 4"	6 - 10"	12 +"
1	79	21%	Individual Selection	100% Tally	296,563	3,735	27%	100% Tally	157	2	6%	134	22	21
2	55	14%	Clearcut with Reserves	100% Tally	537,437	9,772	49%	100% Tally	166	3	7%	0	0	21
3	109	29%	Thinning	100% Tally	97,202	892	9%	100% Tally	377	3	16%	77	58	14
4	138	36%	Shelterwood	100% Tally	154,633	1,121	14%	100% Tally	1,719	12	71%	201	176	93
Total	381	100%			1,085,836		100%		2,419	6.3	100%	412	256	149

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The Pennsylvania Game Commission SGL #54 - Legacy Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

											Blo	ck All - 3	81 ac	res											
		"-12" BH	14'	' DBH	16	" DBH	18	" DBH	20	" DBH	22	" DBH	24	" DBH	26	" DBH	28'	' DBH	30'	+ DBH	Sav	timber To	tals	Pulp	wood
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Yellow- poplar	2	97	11	1,140	24	3,620	48	10,600	84	26,713	104	41,445	115	58,170	111	67,727	77	52,759	84	77,756	660	340,026	515	21	13
Red Maple	87	4,357	432	32,590	523	60,611	412	68,670	276	64,453	130	38,669	77	29,391	23	10,979	9	4,561	4	2,736	1,973	317,016	161	3,214	1,540
N. Red Oak	18	965	64	5,632	102	14,997	140	30,573	125	35,973	117	45,609	73	35,488	46	25,494	24	16,480	9	8,189	718	219,401	306	13	7
Black Cherry	7	336	41	3,056	86	11,161	100	18,364	82	21,256	81	29,154	55	23,100	22	10,788	7	3,900	7	4,672	488	125,787	258	55	54
N. Red Oak - dead	3	142	4	341	23	2,952	34	6,769	31	8,277	19	6,433	16	6,122	13	6,844	6	2,564	7	6,232	156	46,675	299	4	3
Scarlet Oak	3	113	2	165	5	606	16	2,594	15	3,673	8	2,245	1	588	3	1,214	1	614	0	0	54	11,812	219	4	4
Sweet Birch	4	210	22	1,474	42	4,196	23	2,974	5	880	1	132	0	0	0	0	0	0	0	0	97	9,866	102	1,375	667
Scarlet Oak - dead	0	0	3	139	4	365	6	780	8	1,451	5	871	2	494	1	413	0	0	0	0	29	4,513	156	8	8
White Oak - dead	2	84	3	198	7	710	2	220	1	292	4	1,372	0	0	1	635	0	0	1	582	21	4,093	195	7	4
White Oak	6	233	6	443	11	1,184	0	0	0	0	1	364	2	703	0	0	0	0	0	0	26	2,927	113	14	6
Cucumbertree	0	0	0	0	0	0	1	266	1	292	0	0	1	445	0	0	0	0	0	0	3	1,003	334	2	2
Chestnut Oak - dead	0	0	0	0	1	63	1	221	0	0	0	0	0	0	2	596	0	0	0	0	4	880	220	1	1
Chestnut Oak	1	50	1	97	1	63	1	82	2	270	0	0	0	0	0	0	0	0	0	0	6	561	94	0	0
Black Oak	0	0	0	0	1	103	0	0	0	0	1	364	0	0	0	0	0	0	0	0	2	468	234	0	0
Black Oak - dead	0	0	0	0	0	0	0	0	1	172	1	213	0	0	0	0	0	0	0	0	2	385	193	1	0
American Beech	0	0	0	0	2	144	1	204	0	0	0	0	0	0	0	0	0	0	0	0	3	347	116	166	72
Sugar Maple	0	0	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	75	75	18	4
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	18	15
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	11
Spruce	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	7
Total	133	6,586	590	45,350	832	100,775	785	142,316	631	163,702	472	166,871	342	154,501	222	124,691	124	80,878	112	100,166	4,243	1,085,836	256	4,980	2,419

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The Pennsylvania Game Commission SGL #54 - Legacy Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

												Block	1 - 79	acres											
		"-12" BH	14"	DBH	16'	' DBH	18'	DBH	20"	' DBH	22"	DBH	24'	' DBH	26"	DBH	28"	DBH	30"-	+ DBH	Sa	awtimber T	otals	Pulp	wood
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	18	965	63	5,582	100	14,708	134	29,471	123	35,479	115	44,917	72	35,018	46	25,494	24	16,480	9	8,189	704	216,303	307	9	5
N. Red Oak - dead	2	108	4	341	22	2,806	33	6,529	30	8,096	19	6,433	15	5,850	13	6,844	6	2,564	7	6,232	151	45,801	303	4	3
Scarlet Oak	3	113	2	165	5	606	16	2,594	15	3,673	8	2,245	1	588	3	1,214	1	614	0	0	54	11,812	219	4	4
Red Maple	7	319	13	944	35	4,287	15	2,746	3	671	2	443	0	0	0	0	0	0	0	0	75	9,410	125	352	123
Scarlet Oak - dead	0	0	3	139	4	365	6	780	8	1,451	5	871	2	494	1	413	0	0	0	0	29	4,513	156	8	8
White Oak - dead	2	84	3	198	7	710	2	220	1	292	4	1,372	0	0	1	635	0	0	1	582	21	4,093	195	7	4
White Oak	6	233	6	443	11	1,184	0	0	0	0	1	364	2	703	0	0	0	0	0	0	26	2,927	113	14	6
Black Cherry	1	71	1	50	3	472	1	89	0	0	0	0	0	0	0	0	0	0	0	0	6	683	114	5	4
Black Oak	0	0	0	0	1	103	0	0	0	0	1	364	0	0	0	0	0	0	0	0	2	468	234	0	0
Black Oak - dead	0	0	0	0	0	0	0	0	1	172	1	213	0	0	0	0	0	0	0	0	2	385	193	1	0
Chestnut Oak	0	0	0	0	0	0	0	0	1	168	0	0	0	0	0	0	0	0	0	0	1	168	168	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	39	1,892	95	7,862	188	25,242	207	42,428	182	50,001	156	57,223	92	42,653	64	34,601	31	19,658	17	15,003	1,071	296,563	277	405	157

The Pennsylvania Game Commission SGL #54 - Legacy Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

										E	lock 2	- 55 a	acres												
		'-12" BH	14"	DBH	16'	' DBH	18'	' DBH	20"	DBH	22'	DBH	24'	' DBH	26"	' DBH	28"	DBH	30"-	+ DBH	Sa	wtimber T	otals	Pulp	wood
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
Yellow-poplar	0	0	5	556	13	2,187	32	7,431	75	23,676	96	37,922	110	56,186	108	66,267	73	51,019	83	76,953	595	322,197	542	18	10
Red Maple	8	390	50	4,046	87	10,856	121	20,559	129	31,678	79	24,287	52	20,017	17	8,699	6	3,284	4	2,736	553	126,552	229	190	147
Black Cherry	1	34	13	970	34	4,455	63	11,826	59	15,387	56	21,231	40	16,768	17	8,708	7	3,900	7	4,672	297	87,952	296	5	8
Cucumbertree	0	0	0	0	0	0	0	0	1	292	0	0	1	445	0	0	0	0	0	0	2	737	368	0	0
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	1	1
Total	9	425	68	5,573	134	17,498	216	39,815	264	71,033	231	83,441	203	93,416	142	83,674	86	58,203	94	84,361	1,447	537,437	371	214	166

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The Pennsylvania Game Commission SGL #54 - Legacy Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

											Blo	ock 3 - 1	109 a	cres											
		'-12" BH	14"	DBH	16'	' DBH	18"	DBH	20'	' DBH	22'	' DBH	24'	' DBH	26"	DBH	28"	DBH)"+ BH	Sa	awtimber T	otals	Pulp	wood
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	s Ton
Red Maple	19	984	131	9,715	176	19,706	108	17,453	60	12,724	22	5,875	16	6,129	4	1,641	3	1,277	0	0	539	75,503	140	732	346
Black Cherry	0	0	5	446	5	754	6	1,098	7	1,770	12	3,993	9	4,715	3	1,309	0	0	0	0	47	14,086	300	2	2
Yellow-poplar	0	0	0	0	0	0	0	0	2	551	2	929	3	1,143	0	0	1	473	0	0	8	3,096	387	0	0
N. Red Oak	0	0	0	0	2	289	6	1,102	2	495	2	692	1	470	0	0	0	0	0	0	13	3,047	234	0	0
N. Red Oak - dead	1	34	0	0	1	146	1	239	1	182	0	0	1	272	0	0	0	0	0	0	5	874	175	0	0
Chestnut Oak	1	50	1	97	1	63	0	0	1	102	0	0	0	0	0	0	0	0	0	0	4	312	78	0	0
Chestnut Oak - dead	0	0	0	0	1	63	1	221	0	0	0	0	0	0	0	0	0	0	0	0	2	284	142	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	29	17
Spruce	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	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	0	4	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	0	8	2
Total	21	1,068	137	10,258	186	21,021	122	20,113	73	15,824	38	11,489	30	12,729	7	2,950	4	1,749			618	97,202	157	789	377

The Pennsylvania Game Commission SGL #54 - Legacy Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

											Bloc	k 4 - 13	8 acr	es											
		"-12" BH	14"	' DBH	16"	' DBH	18'	' DBH	20"	DBH	22'	DBH	24"	DBH	26"	DBH	28"	DBH)"+ BH	Sa	wtimber Te	otals	Pulp	wood
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	Ton
Red Maple	53	2,664	238	17,885	225	25,761	168	27,913	84	19,380	27	8,064	9	3,245	2	639	0	0	0	0	806	105,551	131	1,940	925
Black Cherry	5	231	22	1,589	44	5,480	30	5,351	16	4,098	13	3,930	6	1,617	2	771	0	0	0	0	138	23,066	167	43	40
Yellow-poplar	2	97	6	583	11	1,433	16	3,170	7	2,487	6	2,593	2	841	3	1,460	3	1,267	1	803	57	14,733	258	3	3
Sweet Birch	4	210	22	1,474	42	4,196	23	2,974	5	880	1	132	0	0	0	0	0	0	0	0	97	9,866	102	1,345	650
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	596	0	0	0	0	2	596	298	1	1
American Beech	0	0	0	0	2	144	1	204	0	0	0	0	0	0	0	0	0	0	0	0	3	347	116	161	68
Cucumbertree	0	0	0	0	0	0	1	266	0	0	0	0	0	0	0	0	0	0	0	0	1	266	266	2	2
Chestnut Oak	0	0	0	0	0	0	1	82	0	0	0	0	0	0	0	0	0	0	0	0	1	82	82	0	0
Sugar Maple	0	0	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	75	75	10	2
N. Red Oak	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	50	50	4	2
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	18	15
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	11
Spruce	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Total	64	3,201	290	21,656	324	37,015	240	39,959	112	26,844	47	14,719	17	5,703	9	3,466	3	1,267	1	803	1,107	154,633	140	3,572	1,71

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The Pennsylvania Game Commission SGL #54 - Legacy Timbersale

				I	Reserv	e Su	mma	ıry by Harv	est Block							
						7	Trees	;					Ba	sal Area	ı	
Block Number	Acres	Harvest Type	Seed	Den	Snag	Live	All	Live/Acre	All/Acre	Seed	Den	Snag	Live	All	Live/Acres	All/Acres
1	79	Individual Selection	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	55	Clearcut with Reserves	389	82	17	473	488	8.6	8.9	851.9	198	39.9	1,055.2	1,089.8	19.2	19.8
3	109	Thinning	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	138	Shelterwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	381		389	82	17	473	488	1.2	1.3	852	198	40	1.055	1,090	2.8	2.9

The Pennsylvania Game Commission SGL #54 - Legacy Timbersale - Reserve Tree Detail

									В	lock 2	- 55 a	cres -	Clear	cut wit	th Rese	erves											
		2"-	10"			12"	-16"			18"	-22"			24"	-28"			30)"+			Tot	tal Tre	es		Per	Acre
Species	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)
Black Oak	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	0	0.1
N. Red Oak	0	0	0	0	3	0	0	0	3	0	0	0	9	0	0	0	17	0	0	0	32	0	0	0	32	0.6	2.8
Yellow Birch	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Yellow-poplar	0	0	0	0	5	0	0	0	2	4	0	0	9	7	3	1	1	2	4	1	17	13	7	2	39	0.7	2.6
Black Cherry	0	0	0	0	6	1	0	1	0	4	0	6	1	1	1	0	2	1	1	0	9	7	2	7	25	0.5	1.1
Serviceberry	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Cucumbertree	4	0	0	0	21	0	0	0	79	1	0	0	65	0	0	2	8	0	0	0	177	1	0	2	180	3.3	8.8
American Beech	7	0	0	1	16	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0	27	2	0	1	30	0.5	0.6
Sugar Maple	48	1	0	0	45	1	1	0	10	0	0	0	1	0	0	0	0	0	0	0	104	2	1	0	107	1.9	1.6
Red Maple	6	3	0	0	3	20	3	1	5	7	9	4	0	1	3	0	1	1	0	0	15	32	15	5	67	1.2	2
Black Gum	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0.1	0.1
Total	67	4		1	102	24	4	2	104	16	9	10	87	9	7	3	29	4	5	1	389	57	25	17	488	8.9	19.8

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The Pennsylvania Game Commission SGL #54 - Legacy Timbersale - Reserve Tree Detail

											Bloc	k All	- 381	acres	-												
		2"-	10"			12"	-16"			18"	-22"			24"	-28"			30)"+			Tot	tal Tre	es		Per	Acre
Species	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)
Black Oak	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	0	0
N. Red Oak	0	0	0	0	3	0	0	0	3	0	0	0	9	0	0	0	17	0	0	0	32	0	0	0	32	0.1	0.4
Yellow Birch	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Yellow-poplar	0	0	0	0	5	0	0	0	2	4	0	0	9	7	3	1	1	2	4	1	17	13	7	2	39	0.1	0.4
Black Cherry	0	0	0	0	6	1	0	1	0	4	0	6	1	1	1	0	2	1	1	0	9	7	2	7	25	0.1	0.2
Serviceberry	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Cucumbertree	4	0	0	0	21	0	0	0	79	1	0	0	65	0	0	2	8	0	0	0	177	1	0	2	180	0.5	1.3
American Beech	7	0	0	1	16	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0	27	2	0	1	30	0.1	0.1
Sugar Maple	48	1	0	0	45	1	1	0	10	0	0	0	1	0	0	0	0	0	0	0	104	2	1	0	107	0.3	0.2
Red Maple	6	3	0	0	3	20	3	1	5	7	9	4	0	1	3	0	1	1	0	0	15	32	15	5	67	0.2	0.3
Black Gum	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0
Total	67	4		1	102	24	4	2	104	16	9	10	87	9	7	3	29	4	5	1	389	57	25	17	488	1.3	2.9

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