

STATE GAME LANDS #: 86
SALE: 086-2022-02
NAME: Sensible Salvage

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 1,157,616 board feet of sawlogs and 2,189 tons of pulpwood located on 431 acres of State Game Lands No. 86, Deerfield Township, 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 **June 30, 2025**.

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

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

Sincerely yours,

(Tax No. or Social Security No.)

Signature of Bidder - Sign In Ink

(Telephone Number)

Print Name

Firm Name

Street Address (Name, Number, Etc.)

City State Zip

BIDS MUST BE SUBMITTED IN AN ENVELOPE THAT CLEARLY STATES ON THE OUTSIDE: **BID PROPOSAL FOR TIMBER SGL #86**. Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, March 13, 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 #: 86
SALE #: 086-2022-02
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- INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 1,157,616 board feet of sawlogs and 2,189 tons of pulpwood to be cut from 431 acres of State Game Lands No. 86, Deerfield 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 **February 22, 2023**. Viewers will be met at PGC parking area along McCaulley Hill Road T-372 (41.707992, -79.384239), approximately 2.5 miles NE of Tidioute 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 #86**. 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, March 13, 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 **\$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 **June 30, 2025.**

- PAYMENTS

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

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

- 1 – 17% - 66 acres
- 2 – 2% - 11 acres
- 3 – 5% - 31 acres
- 4 – 15% - 92 acres
- 5 – 16% - 42 acres
- 6 – 18% - 96 acres
- 7 – 20% - 48 acres
- 8 – 7% - 45 acres

Payment for Block 5 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 SENSIBLE SALVAGE SALE
S.G.L. # 86 T.S. # 086-2022-02

1) ADMINISTRATIVE ITEMS

- a) This timber sale consists of 8 blocks and has an estimated 1,157,616 board feet of sawtimber and 2,189 tons of pulpwood on 431 total treated acres in Deerfield Township, Warren County.
- b) The Sensible Salvage Timber Sale on State Game Land 86 covers 431 acres in Deerfield Township, Warren County. **Blocks 4, 6, & 8 contain trees that were damaged from a windstorm in June of 2022. Scattered trees from the same windstorm can be found in other blocks throughout the sale.** Trees affected by this windstorm are tallied as "down".
- 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) Blocks 1 & 3 cannot be cut prior to September 15, 2023. Blocks 1 & 3 will be treated with herbicide during the summer of 2023.
- e) **Payment for Block 5 is due at contract signature and execution. Final payment is due no later than 120 days before the expiration of the agreement.**
- f) The Regional Forester or his designee will closely monitor harvest and skidder damage to residual trees. If damage becomes excessive additional restrictions will be placed on the harvest. Total disregard to the residual trees and failure to take corrective actions will result in payment of damages and/or termination of the timber contract.
- g) No whole tree harvesting or on-site chipping is permitted.

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 are to be cut in all Blocks.**
- 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) 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.
- g) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- h) **Blocks 5 and 7 contain advanced desirable regeneration and caution should be taken to minimize damage. No fully mechanized equipment will be allowed in these blocks.** Prohibited equipment in these blocks 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.

- i) All top wood 3" in diameter and smaller from all sawtimber trees is reserved and cannot be removed from the site. The tops need to be scattered across the harvest site.
- j) Except for the contractor, no persons shall be permitted to cut or remove firewood.

3) US / STATE / LOCAL ROADS

- a) The contractor will need to use Davey Hill Road (SR 3007). For information about weight limits and permits, contact the PennDOT District 1 Office at 814-678-7085.
- b) The contractor will also need to use McCauley Hill Road (T-372) in Deerfield Township. For information about road bonds and permits, contact:
Deerfield Township
4368 Morrison Hill Road, Tidioute, PA 16351
814-484-3051
Email: supervisors@deerfieldtwsp.org

4) GAME LAND ROADS TO MAINTAIN

Total distance of existing game land roads to maintain is approximately 15,400 feet or 2.92 miles.

The contractor must submit a PA One Call prior to all excavation work, stone applications, and logging activities.

a) General Road Specs

- 1. The contractor will be required to maintain the gameland roads throughout operations on the sale. This may require application of stone from the gameland pit or aggregate to be purchased off site if the contractor damages roads during trucking operations. The Regional Forester will have final determination if and where material may be needed on the roadways.
- 2. All roadways must be graded with a motor road grader at the conclusion of use. All roads must then be rolled with a vibratory road roller (minimum 10 tons) after grading is complete. Total distance of roads to grade and maintain is 15,400 feet or 2.92 miles. 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. See Attachment A for the required road conditions after grading.
- 3. The contractor will be required to apply a total of 110 tons of 2A gravel to the gameland roads. The locations to be graveled will be identified by the Regional Forester or his designee during operations.
- 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. Gates are to be kept closed and locked at all times except when the contractor is present on the site.
- 6. Some of the gameland haul roads to be used for this timber sale are open to public traffic for hunting access. These roads will be open from October to December and must always remain open and passable.

b) Improvements to Road to Blocks 1 & 2

1. The contractor must apply 110 tons of 2A gravel to the road surface beginning at the intersection with McCauley Hill Road (T-372) and continuing east onto the gamelands. The gravel must be shaped and graded with a bulldozer after application.

c) Improvements to Road to Blocks 3 & 4

1. First, the operator must use a bulldozer or road grader to remove the sod from this roadway. Length of the road is approximately 1,300 feet or 0.25 mile. The sod must be distributed along the road banks to allow for mowing.
2. The contractor will then be required to establish the road template to a minimum 16' road footprint (ditch to ditch) with a 12-foot running surface and establish ditch lines leading into cutouts or culverts. Ditches are to be a minimum of 1 foot deep and sloped 1:3. Road banks are to be sloped to a maximum of 1:1.
3. The operator must then apply stone to the roadway to a depth of 1' for a width of 12' for a total linear distance of 1,300 feet. A minimum of 1,400 tons of stone will be required. The operator must use a bulldozer to shape and grade the roadway as the stone is applied. The operator must then use a vibratory road roller (minimum 10 tons) to further compact and shape the stone after application. Stone is available from a gameland stone pit at the location shown on the sale map.

d) Improvements to Road to Blocks 5 & 6 from intersection with McCauley Hill Road

1. The stone pit is located at the end of the improved section of this road, as shown the sale map.
2. The operator will be required to apply stone to maintain this road throughout operations. A minimum of 300 tons will be required. The operator must use a bulldozer to shape and grade the roadway as the stone is applied. The operator must then use a vibratory road roller (minimum 10 tons) to further compact and shape the stone after application.

e) Improvements to Road to Block 6 landing from intersection with Davey Hill Road

1. First, the operator must use a bulldozer or road grader to remove the sod from this roadway. Length of the road is approximately 3,100 feet or 0.59 mile. The sod must be distributed along the road banks to allow for mowing.
2. The contractor will then be required to establish the road template to a minimum 16' road footprint (ditch to ditch) with a 12-foot running surface and establish ditch lines leading into cutouts or culverts. Ditches are to be a minimum of 1 foot deep and sloped 1:3. Road banks are to be sloped to a maximum of 1:1.
3. The contractor will supply and install seven (7) 18" diameter x 30-foot, one (1) 24" diameter x 30-foot, and one (1) 48" diameter x 40-foot smooth bore, double-walled plastic 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:

Seven (7) – 18" diameter by 30' length
One (1) – 24" diameter by 30' length
One (1) – 48" diameter by 40' length

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 2A

aggregate. The remaining 2A aggregate will be tapered into the existing road elevation on either side of the pipe. This will require 20 tons of 2A gravel for each 18" culvert, 40 tons for the 24" culvert, and 60 tons for the 48" culvert. A total of 240 tons of 2A aggregate will be required 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 will be identified by PGC personnel during road improvement operations.

4. The contractor must then apply stone from a gamelands pit to the roadway to a compacted depth of 1' to establish a running surface width of 12' for a total linear distance of 3,100 feet. A minimum of 3,000 tons of stone will be required. Stone is available from a pit on the gamelands, as shown on the map. The contractor must then use a bulldozer to shape and grade the stone as it is applied. The crown on the roadway shall be 5 inches (or 6 percent). The contractor must use a vibratory road roller (minimum 10 tons) to further compact and shape the stone after application. See Attachment A for road construction details.
5. All road banks and other disturbed areas along the road must be seeded immediately following construction according to specifications outlined below in Section 7.

f) Improvements to Road to Blocks 7 & 8

1. The operator must apply 44 tons of 2A aggregate to the road surface beginning at the intersection with McCauley Hill Road and continuing east on the gameland road.
2. The operator will be required to apply stone to maintain this road throughout operations. A minimum of 300 tons will be required. The operator must use a bulldozer to shape and grade the roadway as the stone is applied. The operator must then use a vibratory road roller (minimum 10 tons) to further compact and shape the stone after application.

5) LANDINGS

- a) All landings are to be approved by the Regional Forester or his designee. Main landing locations are designated on the sale map.
- 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) At the conclusion of the sale, all landings are to be leveled and cleared of debris.

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) Bulldozed skid trails will be required in Blocks 1, 2, 6, & 8. Trail locations will be determined by PGC personnel in coordination with the sale operator.
- c) Temporary skidding bridges will be needed in Blocks 1, 4, & 8.
- d) Approximately 1,300 feet of a grassy road to Block 4 will be used as a skid trail. This trail will need be seeded, fertilized, limed, and mulched according to specifications outlined in Section 7.
- e) Skidders are to be kept off haul roads as much as possible.

- f) All treetops and logging debris dropped in herbaceous openings along Blocks 3, 4, & 7 must be pulled back and removed entirely from the openings.
- g) If skid trails are to sit idle for one month or more, they are to have water bars added.
- h) 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, all landings, reclaimed stone pits, main skid trail to Block 4 (approximately 0.5 acre), 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 2.5 acres are 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 other bulldozed skid trails are to be seeded with wheat or oats.
- 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-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 **March 1 to May 15** without the permission of the Regional Forester.

- 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.***

9) **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 5 is due at contract execution.**

10) **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 SENSIBLE SALVAGE SALE
S.G.L. # 86

A.	GENERAL SGL ROAD IMPROVEMENTS 110 tons of 2A aggregate to be applied		\$ 2,500
		Sub-Total	\$ 2,500
B.	ROAD TO BLOCKS 1 & 2 Apply 110 tons of 2A aggregate		\$ 2,500
		Sub-Total	\$ 2,500
C.	ROAD TO BLOCKS 3 & 4 Remove sod and establish road template Apply 1,400 tons of stone, grade, & roll		\$ 2,500
			<u>\$ 21,000</u>
		Sub-Total	\$ 23,500
D.	ROAD TO BLOCKS 5 & 6 from McCauley Hill Road Apply 300 tons of stone, grade, & roll		\$ 4,500
		Sub-Total	\$ 4,500
E.	ROAD TO BLOCK 6 from Davey Hill Road Remove sod and establish road template Culvert costs and installation 240 tons of 2A aggregate for culverts Apply stone, grade, & roll (min. 3,000 tons)		\$ 4,000
			\$ 12,000
			\$ 6,000
			<u>\$ 45,000</u>
		Sub-Total	\$ 67,000
F.	ROAD TO BLOCKS 7 & 8 Apply 44 tons of 2A aggregate Apply 300 tons of stone, grade, & roll		\$ 1,200
			<u>\$ 4,500</u>
		Sub-Total	\$ 5,700
G.	SKIDDING Install bulldozed skid trails in Blocks 1,2,6 & 8 Install temporary skid bridges in Blocks 1,4 & 8		\$ 3,000
			<u>\$ 1,000</u>
		Sub-Total	\$ 4,000
H.	CLEAN-UP Final road grading on SGL roads (2.92 miles) Level and grade skid trails & landings		\$ 7,000
			<u>\$ 3,500</u>
		Sub-Total	\$ 10,500
I.	MISC. Cutting culls \leq 4" dbh		\$ 1,000
		Sub-Total	\$ 1,000
J.	SEEDING (2.5 acres)		
		Sub-Total	\$ 6,000
		TOTAL	\$ 127,200

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.

Report For Sensible Salvage

Sale Name:	Sensible Salvage	SGL Number:	86
Forester:	Brenneman	Report Date:	11/18/2022
Blocks Numbers in Sale:	1,2,3,4,5,6,7,8	Acres:	431
County:	Warren	Township:	DEERFIELD

The Pennsylvania Game Commission SGL #86 - Sensible Salvage 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	66	15%	Individual Selection	100% Tally	201,585	3,076	17%	100% Tally	290	4	13%	83	53	25
2	11	3%	Individual Selection	100% Tally	26,525	2,426	2%	100% Tally	128	12	6%	34	37	10
3	31	7%	Individual Selection	100% Tally	53,284	1,729	5%	100% Tally	271	9	12%	269	36	15
4	92	21%	Individual Selection	100% Tally	170,602	1,852	15%	100% Tally	549	6	25%	244	30	34
5	42	10%	Group Selection	100% Tally	179,462	4,240	16%	100% Tally	13	0	1%	42	0	3
6	96	22%	Individual Selection	100% Tally	207,197	2,164	18%	100% Tally	623	7	28%	116	27	24
7	48	11%	Group Selection	100% Tally	235,732	4,870	20%	100% Tally	41	1	2%	7	1	7
8	45	10%	Individual Selection	100% Tally	83,231	1,862	7%	100% Tally	274	6	13%	48	14	8
Total	431	100%			1,157,616		100%		2,189	5.1	100%	843	198	126

The Pennsylvania Game Commission

SGL #86 - Sensible Salvage Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 431 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
Black Cherry	4	216	59	4,958	113	16,586	147	31,841	161	49,026	147	58,510	140	66,246	112	65,747	56	36,481	72	59,776	1,011	389,386	385	136	99
Red Maple	30	1,364	184	13,478	287	35,148	251	43,749	245	58,934	113	36,708	87	32,871	49	22,487	23	11,562	12	7,607	1,281	263,909	206	1,591	822
N. Red Oak	0	0	1	79	13	1,918	20	4,626	32	9,843	42	16,598	61	31,703	55	31,536	59	40,619	98	79,741	381	216,663	569	6	8
Other Hardwoods	3	145	20	1,338	90	8,887	101	14,191	63	11,227	32	7,456	16	4,591	5	1,656	0	0	0	0	330	49,491	150	1,985	880
Yellow-poplar	0	0	0	0	1	188	3	681	6	1,831	14	5,536	23	11,427	6	3,300	9	6,135	17	16,143	79	45,240	573	5	7
White Ash	0	0	6	435	16	2,186	29	5,910	18	5,186	19	6,614	15	6,838	5	2,501	4	2,440	3	2,745	115	34,854	303	20	17
Red Maple - down	1	54	6	499	16	1,914	22	3,624	24	5,025	19	5,450	20	7,415	11	4,030	4	2,101	2	1,368	125	31,479	252	9	13
Black Cherry - down	2	88	7	494	12	1,738	10	1,607	11	2,350	13	4,402	5	2,318	10	6,091	6	3,669	8	5,942	84	28,700	342	2	4
N. Red Oak - down	1	54	0	0	0	0	3	568	4	1,044	8	2,448	10	4,175	2	1,234	10	5,917	10	8,057	48	23,497	490	3	6
White Pine	7	338	28	2,374	25	3,248	22	4,645	10	3,053	6	2,261	5	2,397	3	1,395	1	596	0	0	107	20,307	190	267	167
Oak	1	48	4	206	9	1,063	3	520	3	601	8	2,313	5	1,841	2	802	2	936	3	2,048	40	10,379	259	3	2
Sugar Maple	1	51	8	569	11	1,300	10	1,905	7	1,569	4	1,233	6	1,928	0	0	0	0	1	417	48	8,972	187	77	39
Eastern Hemlock	6	281	20	1,294	22	2,236	14	1,844	4	566	4	1,120	0	0	0	0	1	459	0	0	71	7,801	110	347	119
Yellow-poplar - down	0	0	0	0	0	0	1	214	1	276	3	1,027	1	335	4	2,298	1	914	0	0	11	5,065	460	0	0
White Oak - down	0	0	0	0	4	375	4	543	2	277	2	504	4	1,406	2	1,169	0	0	0	0	18	4,275	237	2	3
White Pine - down	0	0	0	0	0	0	1	214	0	0	0	0	2	716	3	1,180	1	340	3	1,724	10	4,175	417	0	0
White Oak	0	0	0	0	1	65	2	272	5	1,043	2	583	2	800	0	0	1	631	1	736	14	4,129	295	0	0
Hickories - down	1	64	1	71	4	391	4	640	1	222	3	895	0	0	1	401	0	0	0	0	15	2,684	179	1	0
Oak - down	0	0	0	0	1	161	3	430	2	438	1	344	1	335	1	600	0	0	1	260	10	2,569	257	0	0
Sugar Maple - down	0	0	1	75	3	345	3	546	2	345	1	128	1	154	1	424	1	360	0	0	13	2,377	183	0	0
Other Hardwoods - down	0	0	2	142	4	424	0	0	4	827	1	201	0	0	0	0	0	0	0	0	11	1,595	145	6	2
Eastern Hemlock - down	0	0	1	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	69	69	0	0
Total	57	2,704	348	26,083	632	78,174	653	118,570	605	153,681	442	154,333	404	177,495	272	146,852	179	113,160	231	186,563	3,823	1,157,616	303	4,460	2,189

The Pennsylvania Game Commission
SGL #86 - Sensible Salvage Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 1 - 66 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
Black Cherry	1	54	11	946	21	2,888	33	6,892	40	11,960	45	16,844	43	20,816	48	28,979	27	18,833	36	29,608	305	137,820	452	8	10
Other Hardwoods	1	48	2	116	31	3,040	32	4,820	25	4,859	11	2,573	7	2,511	3	1,195	0	0	0	0	112	19,163	171	288	136
White Ash	0	0	1	77	2	281	5	1,158	6	1,734	8	2,889	8	3,559	3	1,533	2	1,018	3	2,745	38	14,994	395	3	5
Red Maple	1	34	7	468	15	1,741	12	2,145	4	787	6	2,281	2	1,027	2	1,306	1	528	0	0	50	10,317	206	36	21
Eastern Hemlock	3	141	16	1,069	19	1,952	14	1,844	4	566	4	1,120	0	0	0	0	1	459	0	0	61	7,151	117	251	88
Sugar Maple	1	51	7	469	9	991	7	1,406	6	1,396	3	941	3	870	0	0	0	0	0	0	36	6,125	170	54	30
N. Red Oak	0	0	0	0	0	0	0	0	0	0	1	384	0	0	0	0	1	666	2	1,702	4	2,752	688	0	0
N. Red Oak - down	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1,024	1	1,024	1,024	0	0
Yellow-poplar	0	0	0	0	0	0	1	214	0	0	1	465	0	0	0	0	0	0	0	0	2	679	340	0	0
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	600	0	0	0	0	1	600	600	0	0
Oak	0	0	0	0	1	98	0	0	1	276	1	201	0	0	0	0	0	0	0	0	3	574	191	0	0
Black Cherry - down	0	0	0	0	0	0	0	0	0	0	1	384	0	0	0	0	0	0	0	0	1	384	384	0	0
Total	7	329	44	3,144	98	10,990	104	18,481	86	21,577	81	28,083	63	28,783	57	33,614	32	21,503	42	35,080	614	201,585	328	640	290

The Pennsylvania Game Commission
SGL #86 - Sensible Salvage Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 2 - 11 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
Black Cherry	0	0	0	0	12	1,798	9	1,858	8	2,940	8	3,651	1	638	8	4,571	2	1,588	0	0	48	17,043	355	4	4
Red Maple	4	196	5	397	9	1,012	4	803	6	1,725	2	839	1	470	1	563	0	0	0	0	32	6,004	188	45	32
Other Hardwoods	0	0	1	45	3	360	3	542	3	601	0	0	0	0	0	0	0	0	0	0	10	1,547	155	110	56
White Ash	0	0	1	77	1	142	1	188	0	0	1	443	0	0	0	0	0	0	0	0	4	851	213	1	2
Eastern Hemlock	3	141	4	225	2	190	0	0	0	0	0	0	0	0	0	0	0	0	0	9	556	62	95	30	
Sugar Maple	0	0	1	100	1	171	0	0	0	0	0	0	0	0	0	0	0	0	0	2	271	135	8	3	
Yellow-poplar	0	0	0	0	0	0	1	252	0	0	0	0	0	0	0	0	0	0	0	1	252	252	0	0	
White Pine	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	7	337	12	844	28	3,672	18	3,642	17	5,266	11	4,933	2	1,107	9	5,134	2	1,588			106	26,525	250	264	128

The Pennsylvania Game Commission

SGL #86 - Sensible Salvage Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 3 - 31 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
Black Cherry	0	0	12	859	14	1,614	24	4,240	14	3,530	9	3,108	10	3,195	5	2,436	4	2,091	3	2,116	95	23,189	244	55	36
Red Maple	2	69	17	1,172	27	3,089	18	2,937	14	3,027	7	1,904	11	3,254	2	1,127	1	222	0	0	99	16,800	170	212	91
White Pine	6	290	21	1,741	15	2,178	11	2,559	6	1,916	4	1,234	3	1,406	1	290	0	0	0	0	67	11,613	173	127	67
White Ash	0	0	0	0	3	355	2	328	0	0	0	0	0	0	0	0	0	0	0	0	5	683	137	10	5
Other Hardwoods	0	0	0	0	2	159	1	79	0	0	1	201	0	0	0	0	0	0	0	0	4	439	110	408	72
Yellow-poplar	0	0	0	0	0	0	0	0	1	369	0	0	0	0	0	0	0	0	0	0	1	369	369	1	0
N. Red Oak	0	0	0	0	1	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	146	146	0	0
Oak	0	0	1	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	45	45	0	0
Total	8	359	51	3,817	62	7,541	56	10,144	35	8,842	21	6,447	24	7,854	8	3,852	5	2,312	3	2,116	273	53,284	195	813	271

The Pennsylvania Game Commission

SGL #86 - Sensible Salvage Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 4 - 92 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
Black Cherry	2	108	15	1,409	25	4,091	22	4,930	21	7,059	16	6,995	23	10,718	11	6,770	5	3,171	13	11,893	153	57,143	373	43	22
Red Maple	11	496	69	5,240	86	11,055	68	11,697	57	14,049	17	5,486	6	1,836	4	1,418	0	0	0	0	318	51,277	161	497	230
Red Maple - down	1	54	5	394	8	1,014	10	1,424	12	2,658	6	1,661	9	3,333	6	2,421	1	528	0	0	58	13,486	233	5	5
Black Cherry - down	1	34	4	285	7	1,013	3	530	6	1,266	5	1,596	2	909	3	1,531	2	1,460	5	4,104	38	12,730	335	1	1
N. Red Oak - down	1	54	0	0	0	0	1	143	3	863	3	1,000	4	1,563	1	563	2	1,322	4	3,448	19	8,955	471	0	0
N. Red Oak	0	0	0	0	4	574	1	239	2	429	4	1,301	2	1,115	0	0	0	0	3	2,848	16	6,507	407	0	0
White Pine	1	48	6	562	10	1,071	9	1,784	4	1,137	2	1,027	1	571	0	0	0	0	0	0	33	6,200	188	136	99
White Ash	0	0	2	155	4	494	5	1,015	4	1,129	2	599	2	915	0	0	0	0	0	0	19	4,307	227	3	3
Other Hardwoods	0	0	5	303	8	842	10	1,459	4	588	3	821	0	0	0	0	0	0	0	0	30	4,013	134	548	188
Oak - down	0	0	0	0	1	161	3	430	1	276	1	344	0	0	1	600	0	0	0	0	7	1,811	259	0	0
White Oak - down	0	0	0	0	2	168	4	543	0	0	1	213	1	258	0	0	0	0	0	0	8	1,182	148	1	1
Oak	0	0	1	71	2	229	0	0	0	0	1	344	1	421	0	0	0	0	0	0	5	1,065	213	0	0
White Oak	0	0	0	0	1	65	1	136	2	526	0	0	0	0	0	0	0	0	0	0	4	727	182	0	0
White Pine - down	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	290	1	340	0	0	2	630	315	0	0
Yellow-poplar - down	0	0	0	0	0	0	0	0	0	0	1	407	0	0	0	0	0	0	0	0	1	407	407	0	0
Eastern Hemlock	0	0	0	0	1	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	95	95	0	0
Eastern Hemlock - down	0	0	1	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	69	69	0	0
Other Hardwoods - down	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Total	17	794	108	8,488	159	20,873	137	24,330	116	29,978	62	21,793	51	21,639	27	13,595	11	6,820	25	22,293	713	170,602	239	1,236	549

The Pennsylvania Game Commission
SGL #86 - Sensible Salvage Timbersale
Scribner Rule (BDFT) - All Volumes are Estimates

Block 5 - 42 acres																									
	10"-12" DBH		14" DBH		16" DBH		18" DBH		20" DBH		22" DBH		24" DBH		26" DBH		28" DBH		30"+ DBH		Sawtimber Totals			Pulpwood	
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees	Total Volume	Avg Vol Per Tree	Trees	Tons
N. Red Oak	0	0	0	0	0	0	3	802	8	2,644	8	3,279	31	16,031	31	17,682	36	24,548	65	48,094	182	113,080	621	0	0
Red Maple	0	0	1	79	9	1,184	12	1,957	30	7,330	17	5,850	14	5,886	10	4,854	6	3,422	3	1,441	102	32,003	314	10	10
Black Cherry	0	0	0	0	1	180	6	1,369	11	2,744	8	3,273	5	2,333	4	2,450	5	3,457	3	2,459	43	18,265	425	0	0
Yellow-poplar	0	0	0	0	0	0	0	0	0	0	1	516	1	335	3	1,794	2	1,290	7	6,990	14	10,925	780	0	0
Oak	0	0	0	0	0	0	1	173	0	0	2	814	1	421	2	802	0	0	0	0	6	2,210	368	0	0
White Oak	0	0	0	0	0	0	1	136	1	172	0	0	0	0	0	0	0	0	1	736	3	1,044	348	0	0
N. Red Oak - down	0	0	0	0	0	0	0	0	0	0	0	0	1	374	0	0	1	666	0	0	2	1,040	520	0	0
White Ash	0	0	0	0	0	0	1	139	0	0	1	300	0	0	0	0	0	0	0	0	2	439	220	0	0
Red Maple - down	0	0	0	0	0	0	0	0	1	182	0	0	0	0	0	0	0	0	0	0	1	182	182	0	0
Other Hardwoods	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	171	0	0	0	0	1	171	171	23	3
White Oak - down	0	0	0	0	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	103	103	0	0
White Pine	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			1	79	11	1,467	24	4,577	51	13,071	37	14,033	53	25,380	51	27,753	50	33,382	79	59,719	357	179,462	503	34	13

The Pennsylvania Game Commission

SGL #86 - Sensible Salvage Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 6 - 96 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	8	412	67	4,817	100	12,005	93	16,805	108	26,049	45	14,311	31	11,884	18	8,286	4	1,804	3	1,450	477	97,823	205	491	293
Black Cherry	1	54	7	582	21	3,070	22	4,886	29	8,393	19	7,432	16	8,396	16	8,919	4	1,804	5	4,781	140	48,317	345	15	18
Red Maple - down	0	0	0	0	5	542	10	1,914	9	1,756	9	2,335	9	3,435	5	1,609	3	1,573	2	1,368	52	14,532	279	2	6
Other Hardwoods	0	0	3	211	28	2,717	32	4,040	14	2,133	12	2,632	7	1,691	1	290	0	0	0	0	97	13,714	141	432	298
Black Cherry - down	0	0	3	209	3	469	2	370	3	611	4	1,435	2	939	5	3,121	3	1,543	0	0	25	8,697	348	0	0
N. Red Oak - down	0	0	0	0	0	0	1	281	1	182	2	609	3	1,496	1	670	4	1,943	3	1,950	15	7,131	475	1	1
White Pine - down	0	0	0	0	0	0	1	214	0	0	0	0	2	716	2	890	0	0	1	722	6	2,543	424	0	0
White Ash	0	0	0	0	1	142	2	462	2	540	1	374	2	822	0	0	0	0	0	0	8	2,341	293	1	0
N. Red Oak	0	0	0	0	1	109	2	521	3	918	1	455	0	0	0	0	0	0	1	327	8	2,329	291	1	1
Yellow-poplar - down	0	0	0	0	0	0	0	0	1	276	1	276	0	0	1	505	1	914	0	0	4	1,970	492	0	0
Sugar Maple - down	0	0	1	75	3	345	2	363	2	345	0	0	0	0	0	0	1	360	0	0	9	1,488	165	0	0
White Oak - down	0	0	0	0	1	103	0	0	2	277	1	292	1	258	1	534	0	0	0	0	6	1,464	244	1	2
Hickories - down	0	0	0	0	4	391	1	214	0	0	1	276	0	0	1	401	0	0	0	0	7	1,282	183	0	0
Yellow-poplar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1,100	1	1,100	1,100	0	0
Oak - down	0	0	0	0	0	0	0	0	1	163	0	0	1	335	0	0	0	0	0	0	2	498	249	0	0
White Oak	0	0	0	0	0	0	0	0	1	172	1	292	0	0	0	0	0	0	0	0	2	464	232	0	0
Other Hardwoods - down	0	0	0	0	1	98	0	0	1	163	1	201	0	0	0	0	0	0	0	0	3	462	154	2	1
Sugar Maple	0	0	0	0	0	0	0	0	0	0	0	0	1	445	0	0	0	0	0	0	1	445	445	5	2
Oak	1	48	2	90	2	286	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	424	85	3	2
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
Eastern Hemlock	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	10	514	83	5,983	170	20,277	169	30,244	177	41,977	98	30,918	75	30,419	51	25,225	20	9,942	16	11,698	869	207,197	238	955	623

The Pennsylvania Game Commission

SGL #86 - Sensible Salvage Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 7 - 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	0	0	0	0	6	908	10	2,248	17	5,192	25	9,891	28	14,557	23	13,291	22	15,405	27	26,770	158	88,263	559	2	6
Black Cherry	0	0	6	502	7	935	20	4,744	32	10,340	32	12,794	31	14,298	15	8,501	6	3,156	9	5,930	158	61,200	387	3	3
Yellow-poplar	0	0	0	0	1	188	1	214	5	1,462	11	4,279	22	11,091	2	1,001	7	4,845	9	8,053	58	31,135	537	3	6
Red Maple	0	0	3	180	9	1,083	10	1,612	11	2,689	13	4,133	14	5,768	12	4,932	10	4,921	6	4,716	88	30,034	341	34	18
Oak	0	0	0	0	4	451	2	347	2	326	4	953	3	999	0	0	2	936	3	2,048	20	6,061	303	0	0
Black Cherry - down	0	0	0	0	1	109	2	337	0	0	3	987	1	470	1	769	0	0	3	1,837	11	4,509	410	1	3
White Ash	0	0	0	0	2	347	5	1,128	1	353	1	219	0	0	0	0	1	773	0	0	10	2,820	282	0	0
N. Red Oak - down	0	0	0	0	0	0	0	0	0	0	2	615	0	0	0	0	2	1,322	1	707	5	2,644	529	2	6
White Oak	0	0	0	0	0	0	0	0	1	172	1	292	2	800	0	0	1	631	0	0	5	1,895	379	0	0
Red Maple - down	0	0	0	0	1	180	0	0	1	247	2	839	0	0	0	0	0	0	0	0	4	1,266	317	0	0
Sugar Maple	0	0	0	0	0	0	1	136	1	172	1	292	2	613	0	0	0	0	0	0	5	1,212	242	0	0
Yellow-poplar - down	0	0	0	0	0	0	0	0	0	0	1	344	1	335	1	505	0	0	0	0	3	1,184	395	0	0
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	505	1	596	0	0	2	1,101	550	0	0
White Pine - down	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1,002	2	1,002	501	0	0
Hickories - down	0	0	0	0	0	0	3	426	0	0	1	276	0	0	0	0	0	0	0	0	4	702	175	1	0
White Oak - down	0	0	0	0	0	0	0	0	0	0	0	0	1	445	0	0	0	0	0	0	1	445	445	0	0
Oak - down	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	260	1	260	260	0	0
Other Hardwoods	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			9	682	31	4,201	54	11,192	71	20,953	97	35,914	105	49,377	55	29,503	52	32,586	61	51,324	535	235,732	441	47	41

The Pennsylvania Game Commission

SGL #86 - Sensible Salvage Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block 8 - 45 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
Black Cherry	0	0	8	661	12	2,010	11	2,921	6	2,060	10	4,414	11	5,852	5	3,121	3	2,382	3	2,989	69	26,409	383	8	6
Red Maple	4	157	15	1,126	32	3,980	34	5,793	15	3,279	6	1,903	8	2,746	0	0	1	666	0	0	115	19,651	171	266	126
Other Hardwoods	2	97	9	663	18	1,770	23	3,250	17	3,047	5	1,229	2	389	0	0	0	0	0	0	76	10,444	137	175	127
White Ash	0	0	2	126	3	424	8	1,491	5	1,429	5	1,791	3	1,543	2	968	1	648	0	0	29	8,420	290	2	3
N. Red Oak	0	0	1	79	1	180	4	816	2	660	3	1,287	0	0	1	563	0	0	0	0	12	3,585	299	3	2
N. Red Oak - down	0	0	0	0	0	0	1	143	0	0	1	225	2	741	0	0	1	666	1	928	6	2,703	451	0	0
Black Cherry - down	1	54	0	0	1	146	3	371	2	473	0	0	0	0	1	670	1	666	0	0	9	2,380	264	0	0
Red Maple - down	0	0	1	106	2	177	2	286	1	182	2	615	2	646	0	0	0	0	0	0	10	2,013	201	2	3
Yellow-poplar - down	0	0	0	0	0	0	1	214	0	0	0	0	0	0	2	1,289	0	0	0	0	3	1,503	501	0	0
Other Hardwoods - down	0	0	2	142	3	326	0	0	3	665	0	0	0	0	0	0	0	0	0	0	8	1,133	142	2	1
White Oak - down	0	0	0	0	0	0	0	0	0	0	0	0	1	445	1	635	0	0	0	0	2	1,080	540	0	0
Sugar Maple	0	0	0	0	1	139	2	363	0	0	0	0	0	0	0	0	0	0	1	417	4	918	230	10	5
Sugar Maple - down	0	0	0	0	0	0	1	183	0	0	1	128	1	154	1	424	0	0	0	0	4	890	222	0	0
Yellow-poplar	0	0	0	0	0	0	0	0	0	0	1	276	0	0	1	505	0	0	0	0	2	780	390	1	1
Hickories - down	1	64	1	71	0	0	0	0	1	222	1	344	0	0	0	0	0	0	0	0	4	701	175	0	0
White Pine	0	0	1	71	0	0	1	128	0	0	0	0	1	421	0	0	0	0	0	0	3	620	207	2	1
Total	8	372	40	3,045	73	9,152	91	15,960	52	12,016	35	12,212	31	12,936	14	8,176	7	5,027	5	4,334	356	83,231	234	471	274

The Pennsylvania Game Commission

SGL #86 - Sensible Salvage Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 431 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
Other Hardwoods	0	0	0	0	487	55	417	60	306	77	255	112	229	162	145	153	101	151	40	81	1,991	882
Red Maple	0	0	0	0	289	37	322	75	393	159	298	191	148	138	98	128	34	60	10	23	1,600	835
White Pine	0	0	0	0	13	1	26	5	70	25	71	41	50	43	25	30	8	13	3	6	267	167
Eastern Hemlock	0	0	0	0	74	8	103	22	96	36	53	32	17	15	3	4	1	2	0	0	347	119
Black Cherry	0	0	0	0	22	2	24	6	34	15	27	20	12	14	10	16	4	9	3	9	138	103
Sugar Maple	0	0	0	0	15	2	14	4	21	10	17	13	8	9	2	3	0	0	0	0	77	39
White Ash	0	0	0	0	2	0	3	1	2	1	2	1	6	6	4	6	1	2	0	0	20	17
N. Red Oak	0	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0	0	2	5	9	14
Yellow-poplar	0	0	0	0	0	0	0	0	2	1	0	0	1	1	0	0	1	2	1	3	5	7
White Oak	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	0	0	2	3
Oak	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	2	0	0	3	2
Hickories	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Total					902	105	911	172	925	324	728	413	472	388	287	340	152	241	59	127	4,460	2,189

The Pennsylvania Game Commission

SGL #86 - Sensible Salvage Timbersale

Scribner Rule (BDFT) - All Volumes are Estimates

Block All - 431 acres - Large Sawtimber Stand and Stock Table																					
	<30" DBH		30" DBH		32" DBH		34" DBH		36" DBH		38" DBH		40" DBH		>40" DBH		Sawtimber Totals			Pulpwood	
Species	#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	939	329,610	42	32,343	13	10,614	12	11,551	3	3,435	1	1,025	1	808	0	0	1,011	389,386	385	136	99
Red Maple	1,269	256,302	6	4,199	6	3,407	0	0	0	0	0	0	0	0	0	0	1,281	263,909	206	1,591	822
N. Red Oak	283	136,921	46	32,657	23	17,000	17	15,278	5	5,740	5	5,967	2	3,099	0	0	381	216,663	569	6	8
Other Hardwoods	330	49,491	0	0	0	0	0	0	0	0	0	0	0	0	0	0	330	49,491	150	1,985	880
Yellow-poplar	62	29,097	5	4,658	8	7,302	3	2,934	1	1,248	0	0	0	0	0	0	79	45,240	573	5	7
White Ash	112	32,110	0	0	2	1,364	1	1,380	0	0	0	0	0	0	0	0	115	34,854	303	20	17
Red Maple - down	123	30,110	2	1,368	0	0	0	0	0	0	0	0	0	0	0	0	125	31,479	252	9	13
Black Cherry - down	76	22,759	3	2,610	4	3,004	1	327	0	0	0	0	0	0	0	0	84	28,700	342	2	4
N. Red Oak - down	38	15,441	5	3,373	3	2,499	1	1,024	1	1,161	0	0	0	0	0	0	48	23,497	490	3	6
White Pine	107	20,307	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107	20,307	190	267	167
Oak	37	8,331	2	1,246	1	803	0	0	0	0	0	0	0	0	0	0	40	10,379	259	3	2
Sugar Maple	47	8,555	1	417	0	0	0	0	0	0	0	0	0	0	0	0	48	8,972	187	77	39
Eastern Hemlock	71	7,801	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	7,801	110	347	119
Yellow-poplar - down	11	5,065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	5,065	460	0	0
White Oak - down	18	4,275	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	4,275	237	2	3
White Pine - down	7	2,451	1	550	1	452	1	722	0	0	0	0	0	0	0	0	10	4,175	417	0	0
White Oak	13	3,393	1	736	0	0	0	0	0	0	0	0	0	0	0	0	14	4,129	295	0	0
Hickories - down	15	2,684	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2,684	179	1	0
Oak - down	9	2,309	0	0	1	260	0	0	0	0	0	0	0	0	0	0	10	2,569	257	0	0
Sugar Maple - down	13	2,377	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	2,377	183	0	0
Other Hardwoods - down	11	1,595	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1,595	145	6	2
Eastern Hemlock - down	1	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	69	69	0	0
Total	3,592	971,053	114	84,158	62	46,706	36	33,218	10	11,584	6	6,992	3	3,906			3,823	1,157,616	6,258	4,460	2,189

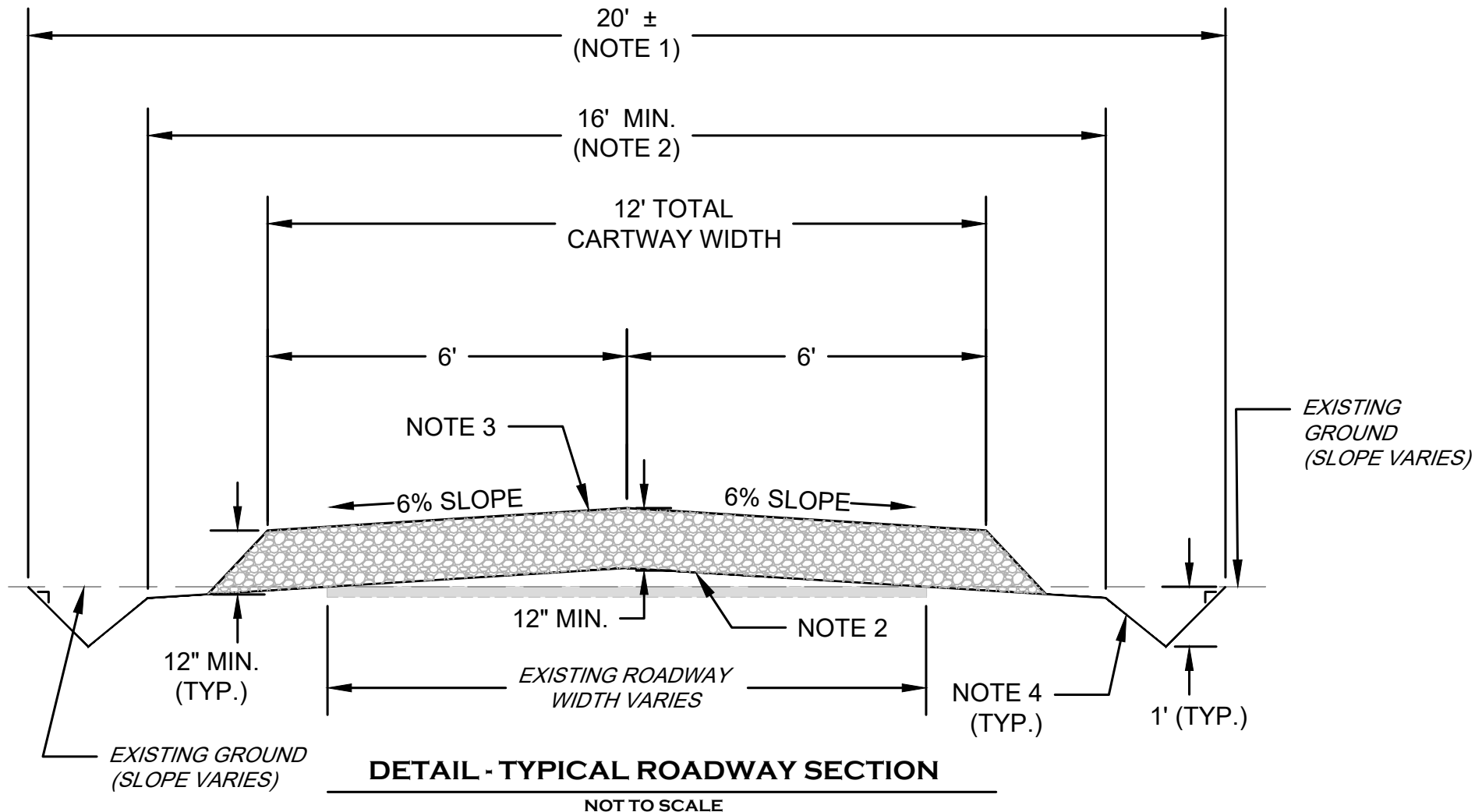
GIRARD FORM CLASS
SAW TIMBER
BY SPECIES

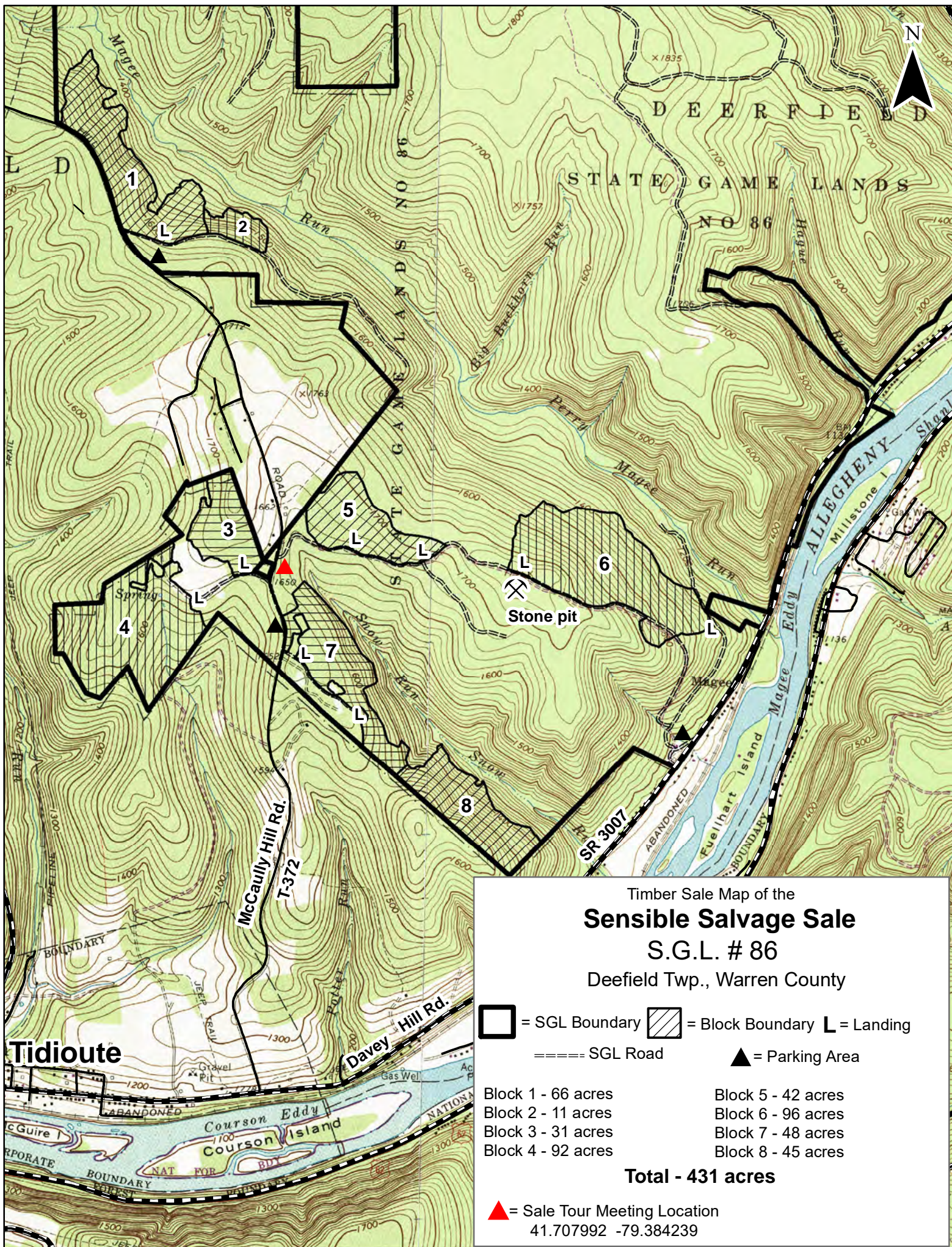
<u>SPECIES</u>	<u>FORM CLASS</u>	<u>SPECIES</u>	<u>FORM CLASS</u>
Red Oak	83	Tulip & Cucumber	81
Black Oak	81	White Ash	82
White Oak	81	Birch	82
Scarlet Oak	84	Beech	84
Chestnut Oak	80	Hemlock	78
Red Maple	83	White Pine	79
Sugar Maple	81	All Other Hardwoods	79
Black Cherry	83	All Other Softwood	79

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.





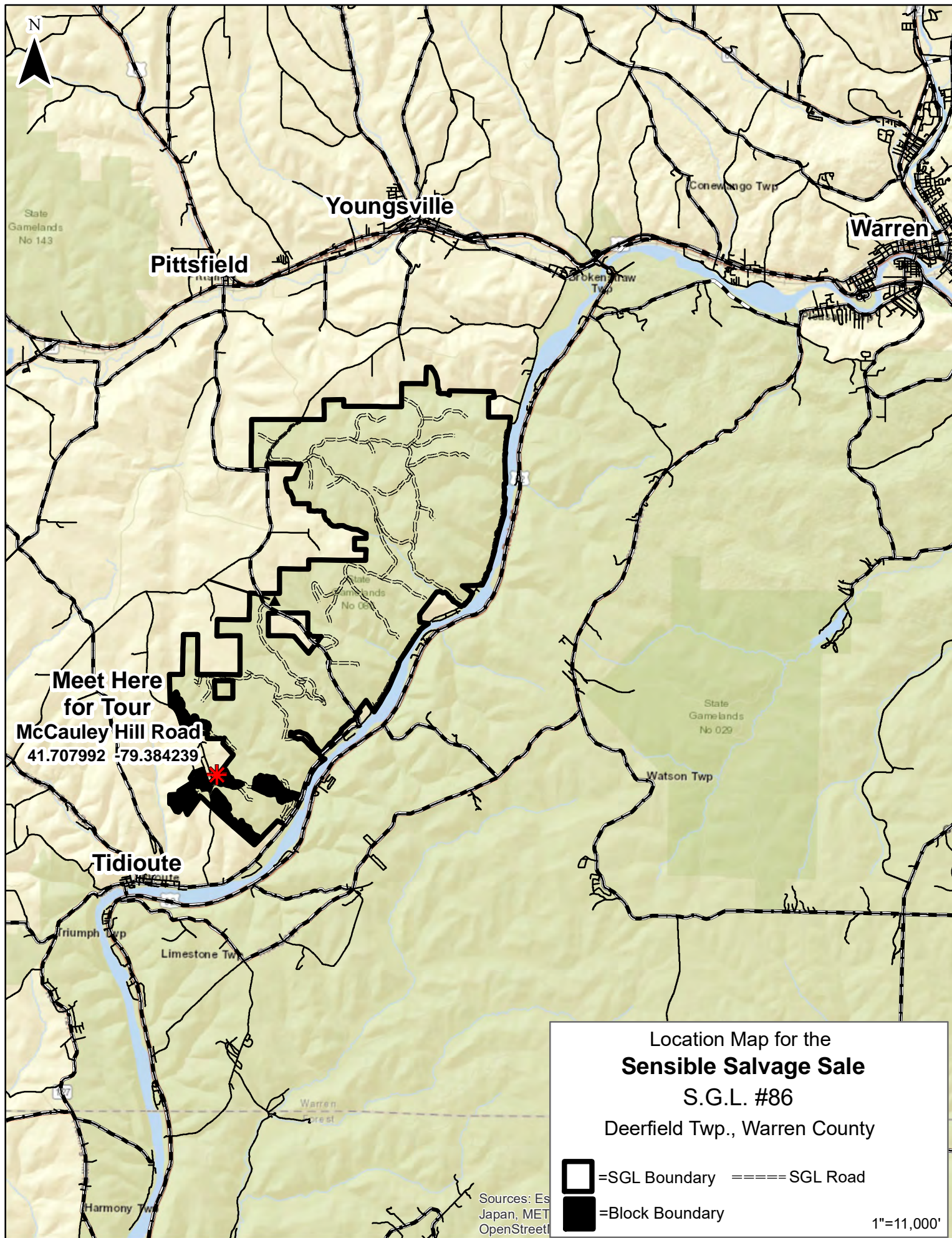
Timber Sale Map of the
Sensible Salvage Sale
S.G.L. # 86
Deerfield Twp., Warren County

= SGL Boundary = Block Boundary **L** = Landing
===== SGL Road = Parking Area

- | | |
|--------------------|--------------------|
| Block 1 - 66 acres | Block 5 - 42 acres |
| Block 2 - 11 acres | Block 6 - 96 acres |
| Block 3 - 31 acres | Block 7 - 48 acres |
| Block 4 - 92 acres | Block 8 - 45 acres |

Total - 431 acres

= Sale Tour Meeting Location
41.707992 -79.384239



Location Map for the
Sensible Salvage Sale
S.G.L. #86

Deerfield Twp., Warren County

- =SGL Boundary
- =SGL Road
- =Block Boundary

Sources: Esri
Japan, MET
OpenStreetMap

1"=11,000'