#### 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 277,504 board feet of sawlogs and 229 tons of pulpwood located on 103 acres of State Game Lands No. 29, Watson 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 **\$10,000.00** 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, 2025.** 

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

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

Sincerely yours,

(Tax No. or Social Security No.)	Signature of Bidder - Sign In Ink
(Telephone Number)	Print Name
	Firm Name
	Street Address (Name, Number, Etc.)
	City State Zip

BIDS MUST BE SUBMITTED IN AN ENVELOPE THAT CLEARLY STATES ON THE OUTSIDE: **BID PROPOSAL FOR TIMBER SGL #29.** Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at **2:00 P.M., Monday, April 29, 2024**. The Commission reserves the right to reject any and all bids and to award the contract as deemed to its best interests.

#### - INSTRUCTIONS TO BIDDERS -

The following information covers details concerning the proposed lump sum sale of an estimated 277,504 board feet of sawlogs and 229 tons of pulpwood to be cut from 103 acres of State Game Lands No. 29, Watson Township, Warren County.

See attached sheets for additional volume information. The volume and percentages are not guaranteed and each prospective bidder is urged to examine the sale area and bid on the basis of his own estimate.

#### - SHOW DATE -

Timber will be shown to prospective bidders on **April 9, 2024**. Viewers will be met at the U.S. Forest Service gate just off S.R. 2002 (Hearts Content Road), as shown on the sale 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 #29.** Bids received in envelopes not containing this information will be rejected.

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

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

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

Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, Pennsylvania 17110-9797, at 2:00 P.M., **Monday, April 29, 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 **\$10,000.00** will be required in the form of a Certified Check or a Postal Money Order drawn to the order of the Pennsylvania Game Commission. Negotiable securities, including assignment of a bank savings account may be furnished in lieu of above. A bond with corporate surety approved by the Attorney General, or a bank Irrevocable Letter of Credit, may be posted provided the bond has an expiration date a minimum of 1 year beyond the expiration date of the timber contract.

#### - EXPIRATION OF CONTRACT -

Contract will expire October 1, 2025.

#### - PAYMENTS

The sale is divided into 4 cutting blocks. Payment may be made by:

1. Total payment when agreement is signed.

or

2. Payment by individual block or blocks.

1 - 8% - 8 acres 2 - 8% - 11 acres 3 - 82% - 79 acres 4 - 2% - 5 acres

#### Payment for Blocks 1&2 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 5 Attached Sheet(s).

#### SPECIAL PROVISIONS FOR THE <u>SALSGIVER ROAD SALVAGE SALE</u> S.G.L. # 29 T.S. # 029-2023-05

#### 1) ADMINISTRATIVE ITEMS

- a) This timber sale consists of 4 blocks and has an estimated 227,504 board feet of sawtimber and 229 tons of pulpwood on 103 total treated acres.
- b) The Salsgiver Road Salvage Timber Sale on State Game Land 29 covers 103 acres in Watson Township, Warren County. <u>All blocks contain trees that were damaged from a windstorm in</u> <u>June of 2023.</u> Trees affected with an estimated 50% crown damage or greater by this windstorm are tallied as "down". All other trees not affected by wind damage are tallied as "live".
- c) All contractors, subcontractors and consultants of the Buyer must be pre-approved by the Commission. The Commission reserves the right to reject any subcontractor at its sole discretion. If Contractor enters into any subcontract(s) not previously approved by the Commission, the Commission shall have the right to require the Contractor to terminate such contracts.
- d) The contractor must submit a PA One Call prior to all logging activities. A buried gas pipeline runs through Block 3. The contractor may need to cross this pipeline with temporary skidding bridges.
- e) A new gamelands road that runs through Block 3 is currently under construction, as shown on the sale map. The contractor can use this road during logging & trucking operations.
- f) Payment for Blocks 1&2 is due at contract execution.
   Final payment is due no later than 120 days before the expiration of the agreement.

#### 2) BOUNDARIES, BLOCKS, AND CUTTING INSTRUCTIONS

- a) Timber sale boundaries are marked by two blue stripes. Gameland boundaries are designated with white blazes.
- b) <u>All trees marked with vellow paint in Blocks 1, 2, & 4 are to be cut.</u> <u>All trees marked with red paint in Block 3 are to be cut.</u> There are trees in Block 3 that were previously marked with yellow paint. Yellow trees in Block 3 are not to be cut.
- 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) Except for the contractor, no persons shall be permitted to cut or remove firewood.

#### 3) US/STATE/LOCAL ROADS

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

#### 4) ROAD TO MAINTAIN

Total distance of existing access road to maintain is 4,250 feet or 0.8 mile.

#### a) General Road Specs

- 1. The contractor will be required to apply a total of 220 tons of 2A gravel to the gameland road. The locations to be graveled will be identified by the officer-in-charge during operations.
- 2. The road must be graded with a motor grader at the conclusion of use. The road must then be rolled with a vibratory road roller (minimum 10 tons) after grading is complete. Total distance to grade and maintain is 4,250 feet or 0.8 mile. 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.

#### 5) LANDINGS

- a) There will be one landing location for this sale. The landing location is designated on the sale map as the parking area. All logs are to be kept off of the graveled parking area.
- b) Logging debris is to be kept to a minimum. All logs and pulpwood are to be marked to length in the woods to eliminate short ends at the landings.
- c) All <u>excessive</u> logging debris on the landing is to be removed from the game lands by the operator at the conclusion of the sale.
- d) At the conclusion of the sale, the landing must be leveled, cleared of debris, and seeded according to specifications outlined in Section 7 below.

#### 6) SKIDDING

- a) Skid trails will be designated by the officer-in-charge. Existing trails are to be used for skidding and must be left open and level.
- b) Temporary skidding bridges may be required to cross a buried gas line. The location of the bridges will be identified by the officer-in-charge during operations.
- c) Skidders are to be kept off haul roads as much as possible.
- d) Wet areas should be avoided when skidding and any treetops which are felled into small wet areas should be left in the water rather than pulling them out.
- e) If skid trails are to sit idle for one month or more, they are to have water bars added.

f) Main skid trails are to be leveled, open and have water bars added at the conclusion of the sale.

#### 7) SEEDING OF ROADWAYS AND LANDINGS

a) At the conclusion of the sale, the landing is to be leveled, cleared of rocks and debris and seeded according to the following:

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

Lime 4 tons per acre. Fertilizer - 300 lbs. per acre of 10-20-20 Approximately 1 acre is to be seeded at the conclusion of the sale.

- b) <u>Straw mulch</u> 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.
- 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 <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 <u>no-work</u> 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.
- 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 Blocks 1&2 is due at contract execution.

#### 11) PA RIGHT TO KNOW PROVISIONS

CONTRACT PROVISIONS – RIGHT TO KNOW LAW

a. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, applies to this contract.
b. Unless the Contractor provides the Commonwealth, in writing, with the name and contact information of another person, the agency shall notify the Contractor using the Contractor information provided by the Contractor in SRM [or "the legal contact information provided in this contract"] if the agency needs the Contractor's assistance in any matter arising out of the Right to Know Law ("RTKL"). The Contractor shall notify the agency in writing of any change in the name or the contact information within a reasonable time prior to the change.

c. Upon notification from the Commonwealth that the Commonwealth requires the Contractor's assistance in responding to a RTKL request for records in the Contractor's possession, the Contractor shall provide the Commonwealth, within fourteen (14) calendar days after receipt of such notification, access to, and copies of, any document or information in the Contractor's possession which arises out of the contract that the Commonwealth requests ("Requested Information") and provided such other assistance as the Commonwealth may request in order to comply with the RTKL. If the Contractor fails to provide the Requested Information within fourteen (14) calendar days after receipt of such request, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth.

d. The Commonwealth's determination as to whether the Requested Information is a public record is dispositive of the question as between the parties. Contractor agrees not to challenge the Commonwealth's decision to deem the Requested Information a Public Record. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, the Contractor will immediately notify the Commonwealth, and will provide a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL within seven (7) calendar days of receiving the request. If, upon review of the Contractor's written statement, the Commonwealth still decides to provide the Requested Information, Contractor will not challenge or in any way hold the Commonwealth liable for such a decision.

e. The Commonwealth will reimburse the Contractor for any costs associated with complying with this provision only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.

f. Contractor agrees to abide by any decision to release a record to the public made by the Office of Open Records, or by the Pennsylvania Courts. The Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth's disclosure of Requested Information pursuant to the RTKL. Contractor's duties relating to the RTKL are continuing duties that survive the expiration of this contract and shall continue as long as the Contractor has Requested Information in it possession.

## LOGGING COSTS FOR THE SALSGIVER ROAD SALVAGE SALE S.G.L. # 29

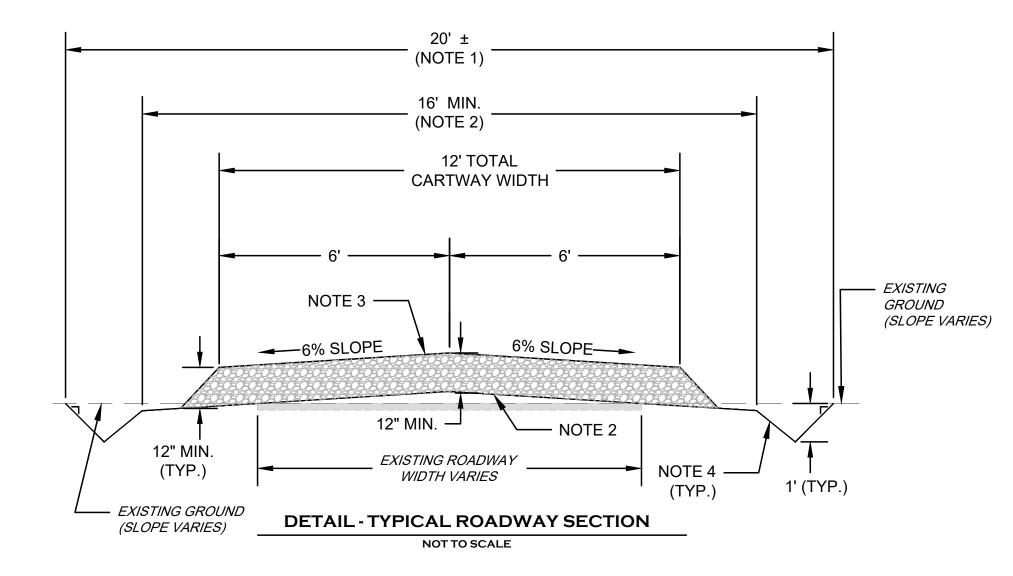
Α.	<b>ROAD TO IMPROVE</b> 220 tons of 2A gravel to be applied	Sub-Total	<u>\$    5,500</u> <b>\$    5,500</b>
В.	<b>CLEAN-UP</b> Final road grading & rolling Remove logging debris from landings Level and grade skid trails & landings	Sub-Total	\$ 3,500 \$ 1,000 <u>\$ 3,000</u> <b>\$ 7,500</b>
C.	MISC. Installation/removal of skidding bridges Cutting culls	Sub-Total	\$ 1,000 <u>\$ 500</u> <b>\$ 1,500</b>
D.	SEEDING (1 acre)	Sub-Total	<u>\$ 2,500</u>
		TOTAL	\$ 17,000

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.



<b>Report For</b>	Salsgiver	Road	Salvage
-------------------	-----------	------	---------

Sale Name:	Salsgiver Road Salvage	SGL Number:	29
Forester:	Brenneman	<b>Report Date:</b>	01/30/2024
Blocks Numbers in Sale:	1,2,3,4	Acres:	103
County:	Warren	Township:	Watson

				Sale S	Summary	by Harve	est Block							
		Area			Sawti	mber			Pul	pwood			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	8	8%	Individual Selection	100% Tally	21,375	2,520	8%	100% Tally	66	8	29%	0	15	0
2	11	10%	Individual Selection	100% Tally	23,389	2,192	8%	100% Tally	49	5	21%	4	1	3
3	79	77%	Individual Selection	100% Tally	226,911	2,866	82%	100% Tally	67	1	29%	9	8	5
4	5	4%	Individual Selection	100% Tally	5,829	1,260	2%	100% Tally	47	10	20%	18	4	0
Total	103	100%			277,504		100%		229	2.2	100%	31	28	8

										]	Block	x All - 1	03 ac	res											
		'-12" BH	14"	DBH	16"	DBH	18'	' DBH	20"	DBH	22'	' DBH	24"	DBH	26"	DBH	28"	DBH	30"-	+ DBH	Saw	timber To	otals	Pulpv	w000
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
N. Red Oak	1	34	0	0	3	327	8	1,765	17	5,528	13	5,995	34	16,599	35	21,168	23	16,180	42	38,512	176	106,107	603	0	0
N. Red Oak - down	0	0	1	79	4	544	9	1,963	16	4,277	18	6,272	19	7,589	22	11,773	17	8,870	25	16,449	131	57,816	441	0	0
Red Maple - down	2	69	13	1,055	42	5,349	52	9,285	45	10,641	16	5,184	20	6,484	7	3,340	3	1,583	0	0	200	42,990	215	0	0
Red Maple	4	138	43	3,159	68	8,373	61	12,106	24	6,058	11	3,595	8	3,697	3	1,656	2	887	0	0	224	39,669	177	211	96
	0	0	0	0	3	246	0	0	5	1,637	4	1,608	3	1,314	1	670	2	1,815	0	0	18	7,290	405	2	2
Chestnut Oak - dead	0	0	1	73	8	942	10	1,687	9	1,865	4	1,052	2	501	1	413	0	0	0	0	35	6,533	187	5	4
Black Cherry - down	0	0	0	0	1	109	3	425	6	1,085	2	520	1	557	1	670	0	0	2	1,824	16	5,191	324	0	0
Sweet Birch	0	0	4	281	20	1,807	20	2,142	3	526	0	0	1	158	0	0	0	0	0	0	48	4,914	102	184	128
White Oak - down	0	0	0	0	1	139	5	952	4	684	3	1,020	3	1,155	1	307	0	0	0	0	17	4,257	250	0	0
Cucumbertree - down	0	0	0	0	2	242	2	454	0	0	2	795	1	445	0	0	0	0	0	0	7	1,936	277	0	0
White Oak	0	0	0	0	0	0	1	183	1	172	0	0	1	445	0	0	0	0	0	0	3	801	267	0	0
Total	7	241	62	4,647	152	18,077	171	30,964	130	32,474	73	26,041	93	38,944	71	39,996	47	29,335	69	56,785	875	277,504	317	402	229

# The Pennsylvania Game Commission

											]	Block	1 - 8	acres											
	-	-12" BH	14"	DBH	16"	DBH	18"	DBH	20"	DBH	22"	DBH	24"	DBH	26"	DBH	28"	DBH	-	0"+ BH	Sa	wtimber T	otals	Pulp	wood
Species		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 - down	0	0	0	0	1	109	2	521	6	1,534	3	904	5	2,216	4	2,005	2	907	1	1,025	24	9,220	384	0	0
Red Maple - down	0	0	3	264	8	1,092	4	765	4	848	2	532	6	2,217	1	448	0	0	0	0	28	6,166	220	0	0
Red Maple	0	0	3	238	10	1,341	3	622	2	429	1	225	0	0	0	0	0	0	0	0	19	2,854	150	36	17
Sweet Birch	0	0	2	126	14	1,249	11	1,108	1	108	0	0	1	158	0	0	0	0	0	0	29	2,750	95	66	49
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			8	628	33	3,791	20	3,016	13	2,918	7	2,045	12	4,590	5	2,453	2	907	1	1,025	101	21,375	212	102	66

											H	Block 2	2 - 11	acres											
	-	'-12" BH	14"	DBH	16"	DBH	18"	DBH	20"	DBH	22"	DBH	24"	DBH	26"	DBH	28"	DBH	-	0"+ BH	Sa	wtimber T	otals	Pulp	woo
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		Tor
N. Red Oak - down	0	0	1	79	2	255	5	1,106	3	721	6	2,223	6	2,224	3	1,459	2	907	4	2,365	32	11,339	354	0	0
Red Maple - down	0	0	1	79	5	657	12	2,158	9	2,008	2	520	1	272	0	0	1	528	0	0	31	6,222	201	0	0
Black Cherry	0	0	0	0	1	68	0	0	0	0	2	769	0	0	1	670	1	794	0	0	5	2,301	460	0	0
Black Cherry - down	0	0	0	0	1	109	3	425	2	429	1	135	1	557	0	0	0	0	0	0	8	1,656	207	0	0
Sweet Birch	0	0	0	0	2	212	8	845	2	418	0	0	0	0	0	0	0	0	0	0	12	1,476	123	81	45
Red Maple	0	0	1	106	1	146	1	143	0	0	0	0	0	0	0	0	0	0	0	0	3	395	132	13	4
Total			3	264	12	1,449	29	4,678	16	3,576	11	3,646	8	3,054	4	2,129	4	2,229	4	2,365	91	23,389	257	94	49

											Blo	ck 3 - 7	9 acro	es											
		'-12" BH	14"	DBH	16'	' DBH	18'	' DBH	20'	' DBH	22"	DBH	24'	' DBH	26"	DBH	28'	DBH	30"	+ DBH	Saw	timber T	otals	Pulp	woo
Species	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	#TR	VOL	Total Trees		Avg Vol Per Tree	Trees	Tor
N. Red Oak	1	34	0	0	3	327	8	1,765	17	5,528	13	5,995	34	16,599	35	21,168	23	16,180	42	38,512	176	106,107	603	0	0
N. Red Oak - down	0	0	0	0	1	180	2	337	6	1,775	8	2,761	7	2,774	15	8,309	13	7,056	20	13,059	72	36,251	503	0	0
Red Maple	4	138	33	2,369	52	6,303	52	10,281	21	5,448	10	3,370	8	3,697	3	1,656	2	887	0	0	185	34,149	185	98	54
Red Maple - down	2	69	9	711	29	3,599	35	6,218	31	7,603	10	3,370	13	3,996	6	2,892	2	1,055	0	0	137	29,514	215	0	0
Chestnut Oak - dead	0	0	1	73	8	942	10	1,687	9	1,865	4	1,052	2	501	1	413	0	0	0	0	35	6,533	187	5	4
Black Cherry	0	0	0	0	2	177	0	0	5	1,637	2	839	3	1,314	0	0	1	1,021	0	0	13	4,988	384	2	2
White Oak - down	0	0	0	0	1	139	5	952	3	579	2	656	3	1,155	0	0	0	0	0	0	14	3,481	249	0	0
Black Cherry - down	0	0	0	0	0	0	0	0	4	656	0	0	0	0	1	670	0	0	2	1,824	7	3,151	450	0	0
Cucumbertree - down	0	0	0	0	2	242	2	454	0	0	2	795	1	445	0	0	0	0	0	0	7	1,936	277	0	0
White Oak	0	0	0	0	0	0	1	183	1	172	0	0	1	445	0	0	0	0	0	0	3	801	267	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	8	7
Total	7	241	43	3,153	98	11,909	115	21,878	97	25,264	51	18,839	72	30,925	61	35,108	41	26,199	64	53,395	649	226,911	350	113	67

												Block	4 - 5	acres											
	-	'-12" BH	14"	DBH	16"	DBH	18"	DBH	20"	DBH	22"	DBH	24"	DBH	26"	DBH	28"	DBH		)"+ BH	Sa	wtimber T	otals	Pulp	woo
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		s Ton
Red Maple	0	0	6	447	5	583	5	1,060	1	182	0	0	0	0	0	0	0	0	0	0	17	2,271	134	64	21
Red Maple - down	0	0	0	0	0	0	1	143	1	182	2	762	0	0	0	0	0	0	0	0	4	1,087	272	0	0
N. Red Oak - down	0	0	0	0	0	0	0	0	1	247	1	384	1	374	0	0	0	0	0	0	3	1,006	335	0	0
White Oak - down	0	0	0	0	0	0	0	0	1	105	1	364	0	0	1	307	0	0	0	0	3	776	259	0	0
Sweet Birch	0	0	2	155	4	346	1	188	0	0	0	0	0	0	0	0	0	0	0	0	7	689	98	29	26
Total			8	601	9	928	7	1,391	4	716	4	1,511	1	374	1	307					34	5,829	171	93	47

						В	Block	All - 1	103 a	cres -	Pulp	Tree	Stand	l and S	Stock	Table						
	2" 1	DBH	4" ]	DBH	6" I	DBH	8" ]	DBH	10"	DBH	12"	DBH	14"	DBH	16"	DBH	18"	DBH	20"+	DBH	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 Ton
Sweet Birch	0	0	0	0	5	1	17	3	40	13	38	21	43	36	36	43	2	3	2	4	184	128
Red Maple	0	0	0	0	32	4	39	8	67	25	41	24	16	14	15	18	1	2	0	0	211	96
Chestnut Oak	0	0	0	0	0	0	0	0	0	0	1	1	2	1	2	2	0	0	0	0	5	4
Black Cherry	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	2	2
N. Red Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total					37	4	56	12	107	39	81	46	62	52	53	63	3	5	2	4	402	229

	<30	)" DBH	30'	DBH	32"	DBH	34"	DBH	36"	DBH	38"	DBH	40"	DBH		40" BH		Sawtimber 7	Totals	Pulp	wood
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
N. Red Oak	134	67,596	24	20,261	9	7,964	4	4,490	3	3,467	2	2,331	0	0	0	0	176	106,107	603	0	0
N. Red Oak - down	106	41,367	11	7,000	7	3,685	2	1,612	2	1,295	2	2,049	1	808	0	0	131	57,816	441	0	0
Red Maple - down	200	42,990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	42,990	215	0	0
Red Maple	224	39,669	0	0	0	0	0	0	0	0	0	0	0	0	0	0	224	39,669	177	211	96
Black Cherry	18	7,290	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7,290	405	2	2
Chestnut Oak - dead	35	6,533	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	6,533	187	5	4
Black Cherry - down	14	3,367	1	928	1	896	0	0	0	0	0	0	0	0	0	0	16	5,191	324	0	0
Sweet Birch	48	4,914	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	4,914	102	184	128
White Oak - down	17	4,257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	4,257	250	0	0
Cucumbertree - down	7	1,936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1,936	277	0	0
White Oak	3	801	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	801	267	0	0
Total	806	220,719	36	28,189	17	12,544	6	6,102	5	4,762	4	4,380	1	808			875	277,504	3,249	402	229

### GIRARD FORM CLASS SAW TIMBER BY SPECIES

SPECIES	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

