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 203,823 board feet of sawlogs and 2,993 tons of pulpwood located on 242 acres of State Game Lands No. 089, Colebrook Township, Clinton 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 \$15,000.00 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 15, 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.

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 # 089.** Bids will be opened in the Bureau of Wildlife Habitat Management, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797, at 2:00 P.M., Monday September 9th, 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 **203,823** board feet of sawlogs and **2,993** tons of pulpwood located on **242 acres** of State Game Lands No. 089, Colebrook Township, Clinton 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 <u>August 2, 2024 at 10am</u>. Viewers will be met at the Colebrook Township Building, 2776 Farrandsville Road, Lock Haven, Pa 17745 Pa..

The timber to be sold will be clearly designated by <u>Gary Glick</u>, <u>PO Box 5038</u>, <u>Jersey Shore</u>, PA <u>17744</u>, telephone: 1-570-398-4744, 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 #089.** 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, September 9th, 2024**, telephone: 717/787-2039. <u>BIDS</u> <u>RECEIVED LATER THAN 2:00 P.M., THIS DATE, WILL BE REJECTED.</u>

- PERFORMANCE DEPOSIT -

A performance bond in the amount of **\$15,000.00** 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 15, 2026

- PAYMENTS -

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

1. Total payment when agreement is signed.

or

- 2. Payment by individual block or blocks.
 - 1 15% 34 acres 2 - 16% - 36 acres 3 - 7% - 17 acres 4 - 26% - 59 acres 5 - 16% - 37 acres 6 - 20% - 45 acres 7 - 0% - 0 acres

<u>Payment for Block 2 (11% of the bid price) is due at contract execution</u>. Final payment is due <u>No Later Than 120 days</u> 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.

See 5 Attached Sheet(s).

SPECIAL PROVISIONS FOR THE "Craig Fork TIMBER SALE"

S.G.L. # 089 Sale # 089-2024-01

1) ADMINISTRATIVE ITEMS

- a) All contractors, subcontractors and consultants of the Buyer must be pre-approved by the Commission. The Commission reserves the right to reject any subcontractor at its sole discretion. If Contractor enters into any subcontract(s) not previously approved by the Commission, the Commission shall have the right to require the Contractor to terminate such contracts.
- b) This 242-acre sale area contains 6 harvest blocks.
- c) <u>Payment for Block 2 (11% of the bid price) is due at contract execution.</u> Final payment is due <u>No Later Than 120</u> days before the expiration of the Agreement.
- d) Sawtimber volumes were determined using a 100% tally in all blocks. Pulpwood volumes were determined using a 100% tally in all blocks except block 3 where a 10 BAF prism plot cruise was used.
- e) Operators must contact PA One Call prior to the start of any operations.
- f) No permanent paint may be used by bidders for marking/cruising this timber sale area.
- g) Whole tree harvesting is prohibited in ALL blocks.
- h) Tree length skidding is prohibited in ALL blocks.
- i) Block 6 MUST be harvested between October 15, 2025 April 1, 2026.
- j) Block 3 MUST be harvested in the dormant season:
 - a. October 15, 2024 April 1, 2025
 - b. October 15, 2025 April 1, 2026
- k) Block 6 will be fenced at the time of harvest and the landing location will be inside.
 a. A truck gate will be located at the landing and MUST be kept closed when not hauling.

2) BOUNDARIES, BLOCKS, AND CUTTING INSTRUCTIONS

- a) The timber sale boundaries are marked by two BLUE stripes with corners having three stripes. Block lines are marked with a single BLUE stripe with block numbers facing into their respective block. Blue "I's" indicates an island and harvesting/skidding is prohibited. All BLUE marked trees are reserved, and no trees are to be felled across block boundaries.
- b) Potential landing locations are marked on the attached map. Landing locations and sizes will be determined through consultation between the successful bidder and the Regional Forester. Trees to be cut for landings will be tallied at that time.
- c) A few steep areas may require dozed skid trails.
- d) All conifers, witch hazel, dogwood, and serviceberry are reserved.

e) Trees are to be topped in the woods. All top wood 4 inches and smaller is retained.

- f) In **blocks 1, 2, 4, 5, and 6** all trees marked with yellow paint must be cut. All trees 1-6" diameter are to be felled (excepting conifers, witch hazel, dogwood, and serviceberry). No other trees are to be cut in these blocks.
- g) In **block 3**, reserve trees are marked with red paint and are not to be cut. All trees that are not marked with red paint are to be cut down to 1" diameter (excepting conifers). All dead trees **MUST** be cut unless marked in red paint.
- h) **Block 7** on the volume report is a road to construct. The boundaries of this road are marked with red R's. All trees between the R's are to be cut and stumped. R trees are reserved.
- f) Slash and tops must be cleared 20' from the edge of all roads and block boundaries. Excessive slash must be kept at least 10' from the base of oak reserve trees.
- i) In all blocks, any reserved trees that are felled for safety reasons must be left at the stump.
- j) Stump height will not exceed the diameter of the tree or 12" maximum.
- k) Game land boundary, roads, herbaceous openings, and spring runs are to be kept free of tops.
- I) Cull portions of the tree are to be left at the stump. Logs and pulpwood are to be cut to length in the woods to minimize short ends and top debris at the landings.
- m) Extra caution should be taken to avoid felling damage or skidding damage to reserved trees.
- n) All work in a block must be completed and approved before operations can start in another block.

3) US/STATE/LOCAL ROADS

The contractor will be responsible for all permits and bonds on both state and township roads.

4) GAME LAND ROADS

PGC ROADS TO MAINTAIN

- a) All haul roads used by the operator will be suitably drained and crowned (2-6% slope) with a road grader or dozer with a 6-way blade at the conclusion of the sale or if roads are in poor condition and/or the sale is going to be left idle for any length of time. All existing culverts must be cleaned if needed at the end of the sale.
- b) All road edges including berms will be graded to a contour that allows for the sheet flow of water from the driving surface to an area where it can infiltrate naturally or a ditch, if necessary, as determined by the regional forester.
- c) The portions of Hazard and Craig Fork Roads used for hauling **MUST** be returned to their presale conditions.

ROADS TO BUILD / IMPROVE

- a) The Craig Fork Road is approximately 7,270 feet in length with a width of 12 feet. This road will need graded and rolled with a minimum 10 ton roller prior to hauling. Approximately 780 feet of this total will need 6 inches of 3A modified limestone as well as any low spots in the road as deemed necessary by the regional forester. The improved areas must maintain a 12-foot running surface and be sloped accordingly. The junction of Craig Fork and Hazard Road will likely need widened and additional stone will be allocated.
 - a. **220 tons of 3A modified limestone** are allocated for the improvement of the Craig Fork Road.
 - b. The improved sections of road must be graded, and a 10-ton minimum vibrating roller must be used to compact the 3A modified limestone following application. All road edges including berms will be graded and rolled to a contour that allows for the sheet flow of water from the driving surface to an area where it can infiltrate naturally or into a ditch, if necessary, as determined by the regional forester.
- b) A short haul road of approximately 430 feet will need to be constructed off the Craig Fork Road to access a landing location for blocks 3 and 4. The boundary of this road is marked with red "R's" and all trees within the boundary are to be cut and stumped. The road must have a 10-foot running surface with all necessary water control structures as directed by the regional forester.
 - a. **430 feet of geotextile fabric** will be needed following clearing and grading.
 - b. **300 tons of 3A modified limestone** will be applied at a rate of 10 inches deep to this entire road surface. The new road surface will be graded, and a 10-ton minimum vibrating roller must be used to compact the stone following application. All road edges including berms will be graded and rolled to a contour that allows for the sheet flow of water from the driving surface to an area where it can infiltrate naturally or into a ditch, if necessary, as determined by the regional forester.
 - c. **One 18" x 30' double walled smooth bore plastic culvert pipe** will be required at the junction of this road and the Craig Fork Road. The pipe is to be bedded and covered with **22 tons of 2A modified limestone**.
- c) Tail drains and turnouts will be added or cleaned at the discretion of the regional forester.
- d) Ditches and other drainage structures will be opened and re-established where needed at the discretion of the regional forester.
- e) The stone requirements are a minimum and more stone may be required should conditions dictate.

Road Work Totals:

- 430 feet of new road to build
- 7,270 feet of existing road to grade and roll
- 520 tons of 3A modified limestone
- 22 tons of 2A modified limestone
- One 18" x 30' double walled smooth bore plastic culvert pipe

5) LANDINGS

- a) There are 5 proposed landing locations which are shown on the sale map. Exact landing locations and sizes will be determined in consultation with the regional forester. Trees to be cut in the landing area will be marked and tallied at that time. Only designated landings are to be used, unless approved by the regional forester.
 - a. Stone will be required for the approach along Hazard Road to the block 1 Landing. The landing is allocated **22 tons of clean 3A limestone**.
- 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, cleared of debris, and seeded according to specifications outlined in section 7 below.

Landing Totals:

- 5 proposed landings, 4 of which to construct
- 22 tons of clean 3A limestone

6) SKIDDING

- a) Skid trails will be designated by the Regional Forester. Existing trails are to be used for skidding and must be left open. Main skid trails and previously existing trails are to be opened, leveled, seeded, and have water bars added at the conclusion of the sale. The final condition of skid trails will be left to the discretion of the Regional Forester or designee on the ground.
- b) Short sections of dozed skill trail may be required in steep areas of blocks and must be approved by the regional forester. Any such trails must be water barred when not in use and seeded upon completion of skidding.
- c) All main skid trails and any sections of skid trail with a high potential for erosion problems must also be seeded according to specifications outlined in Section 7 below. Seeding skid trails will be directed by the Regional Forester or designee on the ground.
- d) Skidders are to be kept off haul roads unless approved by Regional Forester or designee on the ground. If skidding on haul roads is necessary, grading and seeding will be required on these roads, if not already specified in section 4.
- e) Wet areas should be avoided when skidding. No skidding across small drainages will be permitted without the use of temporary bridges. Any treetops which are felled into small wet areas should be left in the water rather than pulled out.
- f) No skidding is permitted outside any of the sale boundaries unless first approved by the Regional Forester or designee on the ground.
- g) Water bars will need to be added to skid trails that sit idle for one month or more.
- h) Rutting of the woods, particularly off main skid trails will be closely monitored by PGC staff. Excessive rutting will result in the shutdown of all sale activity until rutted areas are remediated.
- i) A short section of skid trail through the island between blocks 4 and 5 may be used if needed. This skid trail **MUST** be laid out and approved by the regional forester ahead of time.

7) <u>SEEDING</u>

a) Upon completion of the sale, approximately 5 acres of haul roads, landings and main skid trails are to be graded, cleared of rocks and debris, and seeded according to the following per acre rates:

<u>Skid Trails – 2 acres</u> LBS/acre	<u>Total</u>
100 LBS OATS OR WHEAT (SEASONAL)	200 lbs.
Landings, Haul Roads, Food Plots - 3 acres	
LBS/Acre 100 LBS OATS OR WHEAT (SEASONAL)	300 lbs.
300 LBS. 10-20-20 FERTILIZER	900 lbs.
2 TONS LIME	6 tons
1.25 TONS/50 BALES STRAW MULCH	3.75 tons/150 bales

- b) In addition to the above listed roads, landings, food plots, and main skid trails, any additional road disturbance or sections of skid trail with a high potential for erosion will also need to be seeded as directed by the Regional Forester or designee on the ground and in accordance with the specifications outlined in this section.
- c) The Regional Forester is to be notified prior to the application of seed.
- d) 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 October, November, December, and January and any Sundays open to hunting.
 - 2. The opening day and all Saturdays during spring turkey season, including the youth spring gobbler hunt.
 - 3. All the days of the general statewide bear season
 - 4. The entire 2 weeks of the general firearms deer season
 - 5. The opening day of the flintlock muzzleloader season

No woods operation will be permitted from <u>March 1 thru April 15 (SPRING BREAK-UP DATES</u>) without the permission of the forester-in-charge.

- b) The contractor, employees, and sub-contractors may not hunt to, from, or at the job site when the work location is beyond a gated road that is closed to public traffic. The contractor may travel to and from the work location on <u>no-work</u> days to check on the condition of equipment.
- c) The contractor is responsible for the control and collection of fluids leaking from any equipment used on the site. The contractor must have a spill containment and cleanup kit appropriate for the equipment being used. At a minimum, the kit will contain: plugs and clamps to control hydraulic line breaks, a container to collect leaking fluids, fluid absorbent pads and a shovel. Operating any equipment noticeably leaking fluids is

prohibited. The contractor must collect and control fluids leaking from any equipment and dispose of properly.

d) It is unlawful to be present on State Game Lands from November 15 through December 15 inclusive when not engaged in lawful hunting or trapping and fail to wear a minimum of 250 square inches of daylight fluorescent-orange material on the head, chest, and back combined, or in lieu thereof, a hat of the same colored material. The material shall be worn so it is visible in a 360-degree arc.

9) MISCELLANEOUS

- a) Operator must comply with the erosion and sedimentation control plan for the area.
- b) Successful bidder is to contact PA One Call (1-800-242-1776) prior to construction of landings, haul roads, skid trails, or other earth moving activity to identify and locate underground utility lines.
- c) Violation of contract provisions by the operator may subject the operator or its employees or contractors to fine based on Title 58 regulations.
- Be advised that the Timber Rattlesnake is a state protected species and is not to be harmed. Killing of Timber Rattlesnakes without a proper permit is prohibited by the Commission pursuant to 58 Pa. Code Section 79.6.
- e) If bats are observed within or fleeing from a felled tree, or if dead bat(s) are found, tree felling activities will cease.
- f) Operator will supply all employees working on the site with a map and copy of the sale provisions.
- g) Operator is to use gated gameland access roads for logging purposes only.
- Except for seasonally opened gates, PGC gates are to be kept closed at all times, except when active hauling is occurring, and the contractor is present on the site. Repeated failure to close gates will be penalized.

10) SAFETY AND LOGGER TRAINING

- a) 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).
- b) 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 or another similar course.

11) FORESTER CONTACT INFORMATION

Forester	Regional Forester	Assista
Logan Bubb	Gary Glick	Dan He
(814) 330-0159	(570) 398-4744 Ext. 30310	(570) 6

Assistant Regional Forester Dan Heggenstaller 570) 660-9411 Please feel free to call with any questions or concerns.

12) PA RIGHT TO KNOW PROVISIONS

a) The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, applies to this contract.

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

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

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

Report For Craig Fork

Sale Name:	Craig Fork	SGL Number:	89
Forester:	Logan Bubb	Report Date:	07/21/2023
Blocks Numbers in Sale:	1,2,3,4,5,6,7	Acres:	227.2
County:	Clinton	Township:	COLEBROOK

The Pennsylvania Game Commission SGL #89 - Craig Fork Timbersale Scribner Rule (BDFT) - All Volumes are Estimates

				Sale S	ummary	by Harve	st Block							
		Area			Sawti	mber			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	34	15%	Shelterwood	100% Tally	13,261	387	7%	100% Tally	487	14	16%	0	0	0
2	36	16%	Shelterwood	100% Tally	21,768	602	11%	100% Tally	316	9	11%	0	0	0
3	17	7%	Clearcut with Reserves	100% Tally	71,485	4,309	35%	BAF 10 Plot	657	40	22%	0	0	0
4	59	26%	Shelterwood	100% Tally	32,736	557	16%	100% Tally	466	8	16%	0	0	0
5	37	16%	Low-Shade Removal	100% Tally	13,046	355	6%	100% Tally	288	8	10%	0	0	0
6	45	20%	Shelterwood	100% Tally	50,516	1,133	25%	100% Tally	779	17	26%	0	0	0
7	0	0%	Road	100% Tally	1,011	14,443	0%	100% Tally	0	5	0%	0	0	0
Total	227	100%			203,822		100%		2,993	13.2	100%			

Pulpwood was sampled in block(s) 3 with a precision of +/- 42.5% (90% C.I.)

			1		1					Bl	ock A	All - 22	7 acr	es			1								
	10"-12" DBH 14" DBH s #TR VOL #TR VOL		16'	DBH	18'	' DBH	20'	DBH	22"	DBH	24"	DBH	26"	DBH	28"	DBH)"+ BH	Saw	timber To	otals	Pulpy	vood		
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	Tor
Red Maple	417	19,841	251	19,848	83	11,297	27	5,145	14	3,502	2	692	3	1,218	0	0	0	0	0	0	797	61,543	77	7,973	1,67
Chestnut Oak	368	15,746	198	15,165	74	8,283	31	4,625	5	949	0	0	0	0	0	0	0	0	0	0	676	44,768	66	1,053	334
N. Red Oak	152	7,980	121	11,493	56	8,098	24	5,207	18	5,220	9	3,146	0	0	2	1,118	1	666	0	0	383	42,928	112	289	92
White Oak	334	15,332	129	10,964	31	3,753	7	1,324	2	407	0	0	0	0	0	0	0	0	0	0	503	31,779	63	1,238	344
Black Oak	74	3,411	50	4,014	17	2,164	8	1,499	7	1,750	0	0	1	355	0	0	0	0	0	0	157	13,193	84	105	25
Chestnut Oak - dead	45	1,535	31	1,828	13	1,325	4	570	2	335	0	0	0	0	0	0	0	0	0	0	95	5,594	59	97	40
Scarlet Oak	15	584	10	699	5	606	0	0	2	395	0	0	0	0	0	0	0	0	0	0	32	2,284	71	11	5
White Oak - dead	1	33	6	448	4	372	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	853	78	11	6
Sweet Birch	4	153	2	155	1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	374	53	16	4
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	1	308	0	0	0	0	0	0	0	0	1	308	308	1	1
Black Oak - dead	1	51	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	151	76	1	0
Hickories	1	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	48	48	42	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	•	0	0	0	655	421
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	176	21
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	111	14
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Total	1,412	64,714	799	64,715	284	35,963	101	18,370	50	12,557	12	4,145	4	1,573	2	1,118	1	666			2,665	203,822	76	11,780	2.99

		"-12"	14"	DBH	16"	DBH	18"	DBH	20"	DBH	22"	DBH	24"	DBH	26"	DBH	28"	DBH)"+	Say	vtimber T	otale	Pulp	woo
	D	BH	14	DBII	10		10		20		22		24		20	DBII	20	DBII	D	BH	Sav	vuinoer r		T uip	w00
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	Tor
Chestnut Oak	52	2,369	16	1,259	4	399	2	214	0	0	0	0	0	0	0	0	0	0	0	0	74	4,241	57	285	84
White Oak	44	2,128	6	520	0	0	0	0	1	234	0	0	0	0	0	0	0	0	0	0	51	2,883	57	320	85
N. Red Oak	23	1,284	15	1,426	0	0	1	143	0	0	0	0	0	0	0	0	0	0	0	0	39	2,853	73	93	30
	28	1,372	14	1,131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	2,503	60	1,434	273
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	1	308	0	0	0	0	0	0	0	0	1	308	308	0	0
Black Oak	3	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	153	51	7	1
Scarlet Oak	3	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	131	44	2	1
White Oak - dead	0	0	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	75	75	0	0
Sweet Birch	2	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	67	33	8	2
Chestnut Oak - dead	0	0	1	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	46	46	0	0
Black Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	7
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	3
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Total	155	7,505	53	4,458	4	399	3	357	1	234	1	308									217	13,261	61	2,236	487

		G	lor	ihı		SG	L	enn #8	9 -	C	ra	ig	Fo	rk	T	im	be	rsa	le		ma	tas			
				101			ur		<u> </u>	T , 1					<u>''u</u>	<u> </u>				511					<u> </u>
)"-12" DBH	14"	DBH	16"	DBH	18"	DBH	20"	DBH		ck 2 - DBH			26"	DBH	28"	DBH	-)"+ BH	Sav	vtimber 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	; Ton
Chestnut Oak	72	3,162	28	2,354	9	1,142	2	264	0	0	0	0	0	0	0	0	0	0	0	0	111	6,921	62	173	50
Red Maple	51	2,612	10	761	3	327	2	337	2	363	0	0	0	0	0	0	0	0	0	0	68	4,401	65	945	189
White Oak		2,627	11	918	1	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	3,684	55	216	58
Black Oak	24	1,182	13	1,074	3	345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	2,601	65	37	8
N. Red Oak	19	995	6	607	2	289	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	1,891	70	31	10
Chestnut Oak - dead	6	262	7	584	3	364	3	489	0	0	0	0	0	0	0	0	0	0	0	0	19	1,699	89	0	0
White Oak - dead	0	0	2	150	1	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	289	96	0	0
Sweet Birch	1	33	0	0	1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	100	50	1	0
Black Oak - dead	0	0	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	100	0	0
Scarlet Oak	2	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	81	41	1	0
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Total	230	10,954	78	6,550	23	2.811	7	1.090	2	363											340	21,768	64	1,411	316

										I	Block	3 - 17	' acre	s											
		"-12" DBH	14'	' DBH	16'	' DBH	18'	' DBH	20"	DBH	22"	DBH	24"	DBH	26"	DBH	28"	DBH)"+ BH	Saw	timber 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		Avg Vol Per Tree	Trees	Ton
Red Maple	110	5,028	77	6,172	40	5,943	15	2,877	9	2,336	1	384	3	1,218	0	0	0	0	0	0	255	23,959	94	1,413	296
Chestnut Oak	128	5,310	94	7,108	48	5,421	21	3,359	4	781	0	0	0	0	0	0	0	0	0	0	295	21,979	75	181	63
N. Red Oak	9	481	13	1,285	11	1,740	14	3,143	11	3,192	7	2,454	0	0	2	1,118	1	666	0	0	68	14,079	207	0	0
White Oak	28	1,403	32	2,733	11	1,377	1	227	1	172	0	0	0	0	0	0	0	0	0	0	73	5,912	81	97	25
Black Oak	6	251	5	376	5	754	2	363	3	818	0	0	1	355	0	0	0	0	0	0	22	2,916	133	0	0
Chestnut Oak - dead	24	761	19	934	6	528	1	82	2	335	0	0	0	0	0	0	0	0	0	0	52	2,640	51	81	24
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	443	233
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	12
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	30	4
Total	305	13,234	240	18,608	121	15,763	54	10,050	30	7,634	8	2,838	4	1,573	2	1,118	1	666			765	71,485	93	2,351	657

		S	Sci	ibr						Cı FT		_								stir	nat	es			
											Bloc	k 4 - 5	59 act	·es											
		"-12")BH	14'	DBH	16"	DBH	18"	DBH	20"	DBH					26"	DBH	28"	DBH	-	0"+ BH	Saw	timber 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	Ton
N. Red Oak	36	1,703	32	2,894	19	2,542	3	622	3	863	0	0	0	0	0	0	0	0	0	0	93	8,624	93	51	19
Red Maple	60	2,707	39	2,955	10	1,277	3	627	0	0	1	308	0	0	0	0	0	0	0	0	113	7,873	70	1,267	286
White Oak	68	2,882	22	1,710	7	791	3	503	0	0	0	0	0	0	0	0	0	0	0	0	100	5,886	59	191	60
Chestnut Oak	53	2,143	30	2,020	6	631	4	524	0	0	0	0	0	0	0	0	0	0	0	0	93	5,318	57	231	78
Black Oak	12	484	6	473	3	345	2	363	2	526	0	0	0	0	0	0	0	0	0	0	25	2,191	88	21	5
Scarlet Oak	8	308	7	482	5	606	0	0	2	395	0	0	0	0	0	0	0	0	0	0	22	1,791	81	6	3
Chestnut Oak - dead	14	462	3	166	3	298	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	926	46	4	2
White Oak - dead	0	0	1	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	75	75	3	1
Black Oak - dead	1	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	51	51	1	0
Sassafras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	6
Hickories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	4
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	4	1
Total	252	10,739	140	10,776	53	6,490	15	2,638	7	1,784	1	308									468	32,736	70	1,851	466

		"-12" 9BH	14"	DBH	16"	DBH	18"	DBH	20"	DBH	22"	DBH	24"	DBH	26"	DBH	28"	DBH)"+ BH	Sav	vtimber T	otals	Pulpy	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	33	1,578	20	1,404	13	1,597	3	530	2	495	0	0	0	0	0	0	0	0	0	0	71	5,604	79	1,053	224
N. Red Oak	6	304	10	997	3	469	1	239	1	308	0	0	0	0	0	0	0	0	0	0	21	2,318	110	7	2
White Oak	23	1,098	13	1,096	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	2,298	62	141	40
Black Oak	7	370	10	824	2	274	0	0	1	234	0	0	0	0	0	0	0	0	0	0	20	1,702	85	18	4
Chestnut Oak	3	131	8	607	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	738	67	23	7
White Oak - dead	0	0	2	148	2	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	277	69	3	1
Sweet Birch	0	0	1	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	77	77	0	0
Scarlet Oak	1	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	32	32	1	1
Chestnut Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	8
Hickories	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
Red Maple - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Total	73	3,513	64	5,153	21	2,573	4	770	4	1,037											166	13,046	79	1,256	288

											DI	1 ()	1.5												
		"-12" DBH	14"	DBH	16"	DBH	18"	DBH	20"			k 6 - 4 DBH			26"	DBH	28"	DBH		0"+ BH	Saw	timber To	otals	Pulp	woo
Species	#TR		#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	Tor
Red Maple	135	6,544	89	7,295	16	2,006	3	581	1	308	0	0	0	0	0	0	0	0	0	0	244	16,733	69	1,861	411
N. Red Oak	59	3,213	45	4,284	21	3,058	5	1,060	3	857	2	692	0	0	0	0	0	0	0	0	135	13,164	98	107	31
White Oak	115	5,143	44	3,911	11	1,342	1	227	0	0	0	0	0	0	0	0	0	0	0	0	171	10,623	62	273	76
Chestnut Oak	60	2,631	22	1,818	7	691	2	264	1	168	0	0	0	0	0	0	0	0	0	0	92	5,572	61	160	52
Black Oak	22	970	16	1,267	4	445	4	773	1	172	0	0	0	0	0	0	0	0	0	0	47	3,628	77	22	6
Chestnut Oak - dead	1	50	1	97	1	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	282	94	5	5
Scarlet Oak	1	32	3	217	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	248	62	1	0
White Oak - dead	1	33	0	0	1	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	136	68	5	4
Sweet Birch	1	53	1	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	130	65	3	1
Aspen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	209	187
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	25	3
N. Red Oak - dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Hickories	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	395	18,669	221	18,966	61	7,780	15	2,904	6	1,505	2	692									700	50,516	72	2,673	770

1											Block	c7-() acre	s										
-	10"-12 DBH	" 14	" DBH	[16"	DBH	18"	DBH	20"	DBH	22"	DBH	24"	DBH	26"	DBH	28"	DBH)"+ BH	Sa	wtimber T		Pulp	
Species #T	FR VO	DL #T	R VOI	#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
White Oak	51	1	75	0	0	2	367	0	0	0	0	0	0	0	0	0	0	0	0	4	493	123	0	0
Red Maple 0	0	2	130	1	146	1	194	0	0	0	0	0	0	0	0	0	0	0	0	4	469	117	0	0
Hickories 1	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	48	48	2	0
Total 2	99	3	205	1	146	3	560													9	1,011	112	2	

							Block .	All - 2	27 acı	res - P	ulp T	ree St	and a	nd Sto	ock T	able						
	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 To
Red Maple	0	0	0	0	3,956	471	2,323	505	1,494	561	156	93	29	25	14	17	1	2	0	0	7,974	1,680
Aspen	0	0	0	0	0	0	5	1	148	36	252	118	157	127	64	81	23	42	5	13	655	421
Chestnut Oak	0	0	0	0	70	6	382	78	576	212	108	62	6	5	4	4	0	0	3	5	1,150	374
White Oak	0	0	0	0	106	10	460	89	637	222	41	23	2	2	2	2	0	0	1	2	1,249	350
N. Red Oak	0	0	0	0	16	1	86	16	160	57	24	14	2	2	1	1	1	1	0	0	290	93
Black Oak	0	0	0	0	3	0	23	3	67	16	12	5	1	1	0	0	0	0	0	0	106	26
Sassafras	0	0	0	0	141	15	28	4	6	1	1	0	0	0	0	0	0	0	0	0	176	21
Black Gum	0	0	0	0	62	7	43	6	6	1	0	0	0	0	0	0	0	0	0	0	111	14
Hickories	0	0	0	0	26	3	11	1	5	1	0	0	0	0	0	0	0	0	0	0	42	6
Scarlet Oak	0	0	0	0	0	0	1	0	5	2	4	2	1	1	0	0	0	0	0	0	11	5
Sweet Birch	0	0	0	0	4	1	6	1	5	2	1	1	0	0	0	0	0	0	0	0	16	4
Total					4,383	515	3,368	705	3,109	1,112	599	318	198	162	85	106	25	45	9	19	11,780	2,993



