



**SUSTAINABLE  
FORESTRY  
INITIATIVE  
PENNSYLVANIA**

SFI-01141

## Summer 2021 (Issue # 48)

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\* Denotes certified SFI® Program Participant

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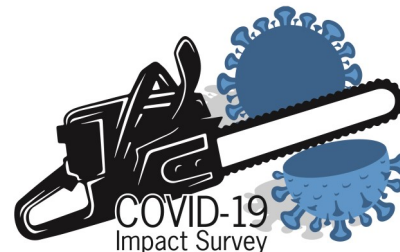
## Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

# NEWS

### Weathering COVID-19: PA Loggers' Experience

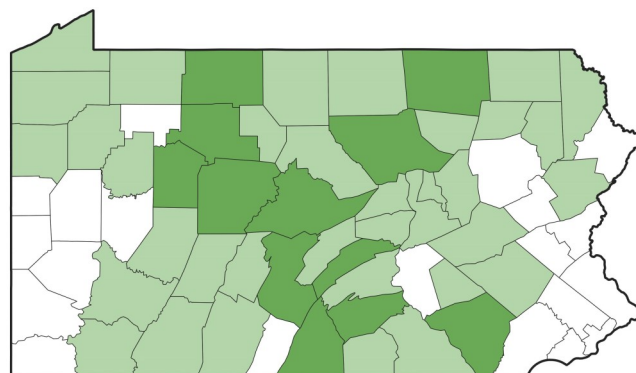
By Erika Scott, PhD, Deputy Director, Northeast Center for Occupational Health and Safety

Every day, the news highlights the impact of COVID-19 on people across our country and around the world. We wanted to do our best to get the voices of Pennsylvania loggers heard, understanding that though you are working in a naturally socially distanced industry, the pandemic's impact has been far-reaching. First, a brief introduction – we are occupational health researchers at the Northeast Center for Occupational Health and Safety in Agriculture, Forestry, and Fishing. Our mission is to work with these industries to identify actionable solutions so that agriculture, fishing and forestry workers can survive and thrive on the job - whether that work is a passion, a paycheck or a combination of both.



The survey was developed to understand what went well and what did not go well during the first year of the pandemic response. We are using this information to inform policymakers, medical institutions, and logging stakeholders on how to better support the industry in the future. While the survey was sent to loggers in six north-east states, we will focus on the results from the 167 Pennsylvania loggers here.

The response rate to the survey was 9.9%. The Pennsylvania loggers who responded were predominantly male, with a median age of 48. Responses were spread throughout the state.



Nearly half of the survey respondents were sole operators, and another 40% had small operations of two to five employees. The majority of respondents (58%) also reported working in conventional operations, with only 8% doing fully mechanized logging, and the rest working a combination of conventional and mechanized logging.

Despite their remote work locations, loggers were not able to escape the highly infectious coronavirus. When the surveys were sent in (around late winter), four out of every five loggers knew someone who had gotten sick from COVID-19, with some loggers reporting being sick themselves, or knowing multiple people who got ill. About 30% of loggers reported having high blood pressure, an area of concern given that chronic health conditions may make it harder to recover from COVID-19. Loggers reported increases in stress in their communities, based on observing higher incidence of anxiety, depression, alcohol/drug use, and physical/verbal abuse. On a positive note, loggers also indicated that they had relatively strong emotional and social supports.

In addition to affecting loggers' physical health, the pandemic has had a significant financial impact, as many loggers were unable to work while logging companies stood

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## Sustainable Forestry Initiative® (SFI®) Program

SFI ([www.sfiprogram.org](http://www.sfiprogram.org)), is a solutions-oriented sustainability organization that collaborates on forest-based conservation and community initiatives that demonstrate and enhance our shared quality of life while providing supply chain assurances through standards, data, and authentic stories.

At the heart of the SFI Program are SFI Implementation Committees (SICs). The Pennsylvania SIC is one of 34 spread across North America that responds to local needs and issues through the SFI Program at the local level. This grassroots network is unique to the SFI Program.

The Pennsylvania SIC's purpose is to promote wise forest stewardship, enabling Pennsylvania communities to thrive through a successful forest products industry. We work hard to support business operations by training and developing the logger workforce, educating the public about the value of working forests, promoting SFI forest certification, and assisting with regulatory issues. Our alliance of deeply committed professionals from across the forestry community builds partnerships with many other conservation organizations who depend on the forest industry to advance their own missions. These relationships allow us to serve with great impact.

Learn more at [www.sfiopa.org](http://www.sfiopa.org)

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## SFI® Program Participants Supporting the PA SIC

*These companies operate in Pennsylvania and are certified to be in conformance with the SFI Standard. They also provide direct involvement and financial support to the Pennsylvania SFI® Implementation Committee (SIC).*

PA DCNR Bureau of Forestry

Domtar Corporation

Forest Investment Associates

Georgia-Pacific, LLC

GreenWood Resources, Inc.

Hancock Forest Management

Pixelle Specialty Solutions

Weaber, Inc.

Weyerhaeuser Co.

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idle. Pandemic-related shutdowns sent a number of logging companies reeling. Interestingly, the responses to a set of financial well-being questions in the survey indicated that loggers fared better than average, yet the comments of many loggers contrasted with this comparatively more positive outlook on financial well-being.

Many (39%) of the survey respondents indicated that the COVID 19 pandemic affected their daily work activities in profound ways, including loss of jobs, loss of workers, loss of market for wood, increased quotas at mills, and significant changes in home life and work responsibilities. A number of loggers switched to tree work, firewood, trucking, and other side jobs to make up for the loss in income.

Of the more than 100 loggers who had kids at home, 34% indicated that the pandemic has been a serious issue when it comes to childcare and education. Many have had to rely on family members to care for young children as well as homeschool older children. This has affected incomes and altered familial roles, which has been a difficult adjustment for the logging community. Based on comments in the survey, there is some animosity toward the government and the educational system for impacts on children and families.

The findings of this report are subject to several limitations, first being that with a 10% response rate, it may not represent the views of all loggers. In addition, the surveys were mailed when the U.S. Post Office was experiencing delivery issues, which may have affected the response rate. As with any self-reported data, these results are subject to memory decay, reporting bias, and limited detail.

Continue to stay healthy, and please consider getting vaccinated against COVID-19 if you have not yet done so. There are significant benefits for our communities if more people get the COVID vaccine. COVID vaccines are very good at keeping people out of the hospital and dying from COVID disease. It also significantly reduces community spread, keeping the elderly and those who cannot get the vaccine including babies, children, and immunocompromised folks safer.



**NORTHEAST  
CENTER**  
FOR OCCUPATIONAL  
HEALTH AND SAFETY

The Northeast Center thanks the loggers who answered the survey, Chuck Coup and the Pennsylvania Sustainable Forestry Initiative Implementation Committee for their support! You can read the full report on our website by visiting: [https://necenter.org/wp-content/uploads/2021/06/nelogger\\_covid\\_survey\\_report.pdf](https://necenter.org/wp-content/uploads/2021/06/nelogger_covid_survey_report.pdf). We invite you to contact us should you have comments or questions by emailing [nec.logging@bassett.org](mailto:nec.logging@bassett.org) or calling (800) 343-7527.

## USDA Announces Pandemic Assistance for Timber Harvesters and Haulers

### Farm Service Agency Accepting Applications from July 22 to Oct 15

The U.S. Department of Agriculture (USDA) is providing up to \$200 million to provide relief to timber harvesting and timber hauling businesses that have experienced losses due to COVID-19 as part of USDA's Pandemic Assistance for Producers initiative. Loggers and truckers can apply for assistance through USDA's Farm Service Agency (FSA) July 22 through Oct. 15, 2021. The Pandemic Assistance for Timber Harvesters and Haulers program (PATHH) is administered by FSA in partnership with the U.S. Forest Service. The Consolidated Appropriations Act, 2021, authorized this critical assistance for the timber industry. Timber harvesting and hauling businesses that have experienced a gross revenue loss of at least 10% during the period of Jan. 1 and Dec. 1, 2020, compared to the period of Jan. 1 and Dec. 1, 2019, are encouraged to apply.

## PA SFI® Implementation Committee Partners

*SIC Partners and their products or services are not SFI certified, but they help to promote sustainable forestry practices throughout Pennsylvania and pledge a contribution annually to the Pennsylvania SIC based on mill production from PA forest resources.*

C & C Smith Lumber Co., Inc.  
Cummings Lumber Co., Inc.  
D.H. Dubel Mill & Lumber, LLC  
Dwight Lewis Lumber Company, Inc.  
Gessner Logging & Sawmill, Inc.  
Heacock Lumber Company  
JM Wood Products LLC  
Maple Ridge Forest Products  
Mark & Olivia Ott  
Matson Lumber Company  
Mick Brothers Lumber  
Ordie Price's Sawmill, Inc.  
Pine Creek Lumber Co.  
Renno Brothers Lumber Co.  
Salem Hardwood, Inc.  
Soap Stone Sawmill, LLC  
Solts's Sawmill, Inc.  
Stoltzfus Forest Products  
The Lyme Timber Company  
Trumco Forest Products  
Wheeland Lumber

## PA SFI® Implementation Committee Supporters

*SIC Supporters and their products and services are not SFI certified, but they help to promote sustainable forestry practices and pledge meaningful contributions to the Pennsylvania SIC.*

A.M. Logging, LLC  
Bingaman & Son Lumber Co., Inc.  
Blue Ox Timber Resources, Inc.  
Brownlee Lumber, Inc.  
Charles Brown Forestry Consulting  
Cowan Lumber  
Frank Krammes Timber Harvesting, Inc.  
Grand Valley Sawmill  
Horizon Wood Products, Inc.  
Metzler Forest Products, LLC  
Noll's Forestry Services  
Postlewait Logging Company  
P & S Lumber Company  
RAM Forest Products, Inc.  
RJ Hoffman & Sons, Inc.  
Remmey - The Pallet Company  
Shade Mountain Forest Products  
St. Marys Lumber Co., Inc.  
Sylvandale Forestry  
WBL Hardwoods  
W.J. Cox Associates

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### Program Details

To be eligible for payments, individuals or legal entities must be a timber harvesting or timber hauling business where 50% or more of its gross revenue is derived from one or more of the following:

- Cutting timber.
- Transporting timber.
- Processing of wood on-site on the forest land (chipping, grinding, converting to biochar, cutting to smaller lengths, etc.).

Payments will be based on the applicant's gross revenue received from Jan. 1, 2019, through Dec. 1, 2019, minus gross revenue received from Jan. 1, 2020, through Dec. 1, 2020, multiplied by 80%. FSA will issue an initial payment equal to the lesser of the calculated payment amount or \$2,000 as applications are approved. A second payment will be made after the sign-up period has ended based upon remaining PATHH funds. The maximum amount that a person or legal entity may receive directly is \$125,000.

### Applying for Assistance

Loggers and truckers can apply for PATHH by completing form FSA-1118, Pandemic Assistance for Timber Harvesters and Haulers Program application, and certifying to their gross revenue for 2019 and 2020 on the application. Additional documentation may be required. Visit [farmers.gov/pathh](https://farmers.gov/pathh) for more information on how to apply.

Applications can be submitted to the FSA office at any USDA Service Center nationwide by mail, fax, hand delivery, or via electronic means. To find a local FSA office, loggers and truckers can visit [farmers.gov/service-locator](https://farmers.gov/service-locator). They can also call 877-508-8364 to speak directly with a USDA employee ready to offer assistance.

For the latest information please visit: <https://www.farmers.gov/coronavirus/pandemic-assistance/pathh>

## SFI Launches Urban Forest Initiative

The Sustainable Forestry Initiative Inc. (SFI) recently announced the launch of a partnership to develop a new SFI Urban and Community Forest Sustainability Standard for application in North America and potentially globally. SFI will collaborate with five urban forestry leaders: American Forests, Arbor Day Foundation, the International Society of

Arboriculture, the Society of Municipal Arborists and Tree Canada.

“The SFI network is looking forward to collaborating with our urban forestry partners to promote the establishment of sustainable urban and community forests that meet local needs, while meaningfully contributing to national, bi-national, and global initiatives such as the 2 Billion Tree initiative in Canada,” says Kathy Abusow, SFI President and CEO. “Together, with these leaders, I’m confident SFI will positively contribute to urban forestry initiatives across North America and globally.”

SFI’s commitment to developing an urban and community forestry standard goes beyond the launch of this new partnership, it is also embodied in the decision to create a new staff position: Director of Urban and Community Forestry. Paul Johnson assumed this new role on March 15. Johnson brings over 20 years of urban and community forestry experience and deep connections to an international network of partners to his new role.

## Trees Are Climate Change, Carbon Storage Heroes

By Amy Androff, USDA Forest Service

J.R.R. Tolkien, the author of *The Lord of the Rings*, once wrote, “I longed to devise a setting in which the trees might really march to war.” When Tolkien imagined trees marching to war, he probably couldn’t have foreseen the reality of how relevant those words would one day be. If climate change is a battle for Earth’s survival, then trees indeed will be a vital army holding the line.

They hold carbon both while they grow and after they are harvested to build the homes of today and tomorrow. To grow, a tree needs water, sunlight, minerals and carbon dioxide. During photosynthesis, a tree will convert these ingredients into sugars that feed it, fueling its growth. In one year, a mature live tree can absorb more than 48 pounds of carbon dioxide, which is permanently stored in its fibers until the tree or wood experiences a physical event that releases it into the atmosphere, like fire or decomposition.

It’s hard to talk about how wood products store carbon without reviewing the process that assesses the impact of a product’s carbon storage capacity versus the carbon cost of its creation.

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The Sustainable Forestry Initiative is a service of SFI, Inc.

### PA SFI Professional Timber Harvester Training Program

*The Pennsylvania SFI Professional Timber Harvester Training Program is geared towards commercial timber harvesters; however, it is open to any individual interested in participating. Courses are offered in the spring (mid-March through mid-May) and the fall (mid-September through mid-November) at locations across Pennsylvania each year.*

Learn more:

[www.sfiopa.org/requirements](http://www.sfiopa.org/requirements)

Register for classes:

[www.sfiopa.org/register](http://www.sfiopa.org/register)

Find SFI Qualified Logging Professionals or review your training records:

[www.sfiopa.org/search](http://www.sfiopa.org/search)



[Facebook.com/PennsylvaniaSIC](https://Facebook.com/PennsylvaniaSIC)

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## Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

# NEWS

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A journal article co-written by Forest Products Laboratory (FPL) researchers explains the use of an internationally-accepted measurement standard called Life Cycle Assessment (LCA). It maps the life of a product holistically from birth to death, or cradle-to-grave, and analyzes and quantifies how much of an environmental impact or burden a product will have on the planet from its extraction, manufacture, use and disposal. Additionally, LCA can equate how much carbon is stored versus produced during a product's manufacture.

Through the use of LCA, researchers found that with sustainable forest management, forests and wood products storing carbon will have the greatest potential to lessen climate change impacts. LCA studies also found that cross-laminated timber buildings have a lower environmental footprint (especially from greenhouse gas emissions) and store more carbon than buildings constructed from non-timber materials.

Regardless of cut size, wood stores carbon, even at the microscopic scale. For example, nanocellulose is made by breaking wood or

plant fibers down to nano-scale rods and filaments. Nanocellulose can be produced sustainably, has a low environmental impact, and is biodegradable. Adding nanocellulose to existing products like concrete or plastic can reduce carbon emissions because nanocellulose has been shown to make materials and products perform better, so less material is needed to do the same job.

For example, cement, an ingredient of concrete, is the third-largest industrial source of air pollution. Adding trees as a concrete additive can significantly reduce CO2 emissions and create a stronger, more lasting product while storing carbon.

From constructing tall buildings to enhancing materials at the microscopic scale, wood products of any size can have big, positive environmental impacts in the fight to limit climate change.

Tolkien's heroic tree character Treebeard said, "The world is changing: I feel it in the water, I feel it in the earth, and I smell it in the air." Climate change is the greatest challenge of our generation. But the trees are here to fight with us—to build a greener future together.

## 2021 Fall Training Schedule

### ONLINE TRAINING

The Pennsylvania SFI Implementation Committee is offering the following discounted online training opportunities this fall.

- > These online core and continuing education classes require a high-speed internet connection, and a computer or smart phone with a functioning camera, speakers, and microphone.
- > To register for any of the following online courses, please visit: [www.sfiopa.org/register](http://www.sfiopa.org/register)

#### CORE

- > *Professional Timber Harvesting Essentials* can be taken for CE Credit, IF you have not already completed the training in the last 5 years
- > Both Part 1 and Part 2 must be completed to receive credit for Professional Timber Harvesting Essentials. Participants can only register for consecutive day classes.

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost	Register By	
11/17/21	Wed	1:00 PM	Professional Timber Harvesting Essentials - PART 1 (4 hours)	Online	\$ 45.00	11/15/2021
11/18/21	Thurs	1:00 PM	Professional Timber Harvesting Essentials - PART 2 (4 hours)			

#### CONTINUING EDUCATION TRAINING

- > One (1) year of CE credit is given for each four (4) hours of training completed. Refer to the Program Policy for complete details on training requirements: [www.sfiopa.org/requirements](http://www.sfiopa.org/requirements)

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost	Register By	
11/19/21	Fri	8:00 AM	A Little About Contracts for the Logging Professional (5 hours)	Online	\$ 65.00	11/12/2021

### IN-PERSON TRAINING

In-person training options are limited in the number of participants per class and frequency of offerings. **IN-PERSON TRAINING PARTICIPANTS WILL BE REQUIRED TO FOLLOW ALL NECESSARY COVID19 PRECAUTIONS.**

- > To register for in-person courses, please visit: [www.sfiopa.org/register](http://www.sfiopa.org/register), or submit the registration form on the back of this page.

#### CORE

- > *Basic First Aid & Adult CPR* does NOT qualify for continuing education credit
- > *Professional Timber Harvesting Essentials* and/or *Game of Logging - Level 1* can be taken for CE Credit, IF you have not already completed the training in the last 5 years

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost +	Register By
09/23/21	Thurs	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	\$ 85.00	09/16/2021
09/28/21	Tues	7:30 AM	Game of Logging - Level 1 (8 hours)	\$ 95.00	09/21/2021
10/05/21	Tues	7:30 AM	Game of Logging - Level 1 (8 hours)	\$ 95.00	09/28/2021
10/06/21	Wed	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	\$ 85.00	09/29/2021
10/13/21	Wed	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	\$ 85.00	10/06/2021
10/15/21	Fri	9:00 AM	Basic First Aid and Adult CPR (4 hours)	\$ 50.00	10/08/2021
10/19/21	Tues	7:30 AM	Game of Logging - Level 1 (8 hours)	\$ 95.00	10/12/2021
10/20/21	Wed	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	\$ 85.00	10/13/2021
11/16/21	Tues	7:30 AM	Game of Logging - Level 1 (8 hours)	\$ 95.00	11/09/2021
11/17/21	Wed	8:00 AM	Professional Timber Harvesting Essentials (8 hours)	\$ 85.00	11/10/2021

- ◆ Employees insured through Eastern Alliance Insurance Group can have the registration fee for Game of Logging classes paid by WJ Cox Insurance. Please submit proof of insurance with your reg. form.
- ◆ Northern Tier Hardwood Association Members can apply for a 50% reimbursement of registration costs after completing courses. Contact NTHA at (570) 265-7753.
- ◆ Allegheny Hardwood Utilization Group (AHUG) has generously subsidized the registration fee for this Basic First Aid and Adult CPR training.

#### CONTINUING EDUCATION TRAINING

- > One (1) year of CE credit is given for each four (4) hours of training completed. Refer to the Program Policy for complete details on training requirements: [www.sfiopa.org/requirements](http://www.sfiopa.org/requirements)

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost +	Register By
09/18/21	Sat	8:00 AM	Game of Logging - Level 2 (8 hours)	\$ 95.00	09/22/2021
09/19/21	Sun	8:00 AM	Game of Logging - Level 3 (8 hours)		
09/29/21	Wed	7:30 AM	Game of Logging - Level 3 (8 hours)	\$ 95.00	09/22/2021
10/01/21	Fri	8:00 AM	GPS for Timber Harvesters (8 hours)	\$ 20.00	09/24/2021
10/06/21	Wed	7:30 AM	Game of Logging - Level 2 (8 hours)	\$ 95.00	09/29/2021
10/08/21	Fri	8:00 AM	Erosion Control in Our Forests (8 hours)	\$ 95.00	10/07/2021
10/14/21	Thurs	7:30 AM	Game of Logging - Level 2 (8 hours)		
10/20/21	Wed	7:30 AM	Game of Logging - Level 2 (8 hours)	\$ 95.00	10/13/2021
10/22/21	Fri	8:00 AM	Advanced Logger Rescue (8 hours)	\$ 75.00	10/15/2021
10/23/21	Sat	8:00 AM	Advanced Logger Rescue (8 hours)	\$ 75.00	10/16/2021
10/24/21	Sun	8:00 AM	Advanced Logger Rescue (8 hours)	\$ 75.00	10/17/2021
10/26/21	Tues	8:00 AM	Sustainable Timber Harvesting (8 hours)	\$ 30.00	10/19/2021
11/03/21	Wed	8:00 AM	Forest Health Update (4 hours)	\$ 30.00	10/27/2021
11/12/21	Fri	8:00 AM	Bats and Timber Management (4 hours)	\$ 20.00	11/05/2021
11/12/21	Fri	12:00 PM	Pennsylvania's Timber Rattlesnakes (4 hours)	\$ 20.00	11/05/2021
11/17/21	Wed	7:30 AM	Game of Logging - Level 2 (8 hours)	\$ 95.00	11/10/2021
11/18/21	Thurs	7:30 AM	Game of Logging - Level 3 (8 hours)	\$ 95.00	11/11/2021

- ◆ Employees insured through Eastern Alliance Insurance Group can have the registration fee for Game of Logging classes paid by WJ Cox Insurance. Please submit proof of insurance with your reg. form.
- ◆ Northern Tier Hardwood Association Members can apply for a 50% reimbursement of registration costs after completing courses. Contact NTHA at 570-265-7753.

## 2021 Fall Course Registration Form (In-Person Courses Only)

- > THIS TRAINING SCHEDULE MAY CHANGE AT ANY TIME WITHOUT ADVANCED NOTIFICATION. For current training offerings please visit: [www.sfiopa.org/register](http://www.sfiopa.org/register)
- > Registration fees are **non-refundable and non-transferrable** after the course registration deadline if the course is held and you do not attend.
- > Registration is on a first come, first served basis. Your space in a course will not be reserved until the registration fee is paid. Please do not delay in making payment or your space could be given to another participant.
- > Courses may be cancelled if a minimum number of students are not registered by the registration deadline. Please register on time.
- > **IN-PERSON TRAINING PARTICIPANTS MUST AGREE TO ADHERE TO ALL NECESSARY COVID-19 PRECAUTIONS**
- > For a full description of the Training Program Policies, please visit [www.sfiopa.org/requirements](http://www.sfiopa.org/requirements) or contact the PA SIC office ([mark@sfiopa.org](mailto:mark@sfiopa.org) / 814-230-2866)

ATTENDEE	COURSE DATE	COURSE NAME	COURSE LOCATION	COST
(Please Print Clearly / One Course Participant Per Form)				
Name: (Full First, Middle Initial, Last)				
Home Mailing Address:				
Home or Cell Phone: (        ) _____ - _____				
Email:				
Occupation (circle one):	<b>Make checks payable to: "Pennsylvania SIC"</b> <b>Mail to:</b> PA SFI Implementation Committee 748 Gravel Point Road Howard, PA 16841		<b>Total Amount Enclosed:</b>	
<input type="checkbox"/> Forester <input type="checkbox"/> Logger-owner <input type="checkbox"/> Logger-employee <input type="checkbox"/> Landowner <input type="checkbox"/> Office personnel <input type="checkbox"/> Truck driver <input type="checkbox"/> Other				
Class location and additional information will be sent to you when we receive your registration and payment				

### COURSE DESCRIPTIONS

#### CORE TRAINING:

Required to receive a PA SFI® Professional Timber Harvester Training Card. All 3 requirements must be completed (in any order) within 2 years. Professional Timber Harvesting Essentials and/or Game of Logging Level 1 can be taken for CE Credit, IF you have not already completed the training in the last 5 years.

- > **Professional Timber Harvesting Essentials (8 hours)** - Covers general safety considerations, chainsaw safety, logging equipment safety (harvesters, loaders, skidders, etc.), trucking safety and Occupational Safety and Health Administration (OSHA) Standards that apply to timber harvesting and related activities. Also covers pertinent aspects of Pennsylvania's Clean Streams laws and other water resource protection regulations, Best Management Practices (BMPs), hazardous material control, and logging aesthetics.
- > **Game of Logging - Level 1 (8 hours)** - Focuses on introducing the participant to the "open face" felling technique and the development of skills to safely use it. Topics covered include personal protective equipment, chainsaw safety features, chainsaw reactive forces, bore cutting, pre-planning the fell, and understanding hinge wood strength. Participants need safety equipment (hard hat, chaps, eye protection, ear protection, and sturdy boots), water, lunch, and should be prepared to spend the day outside (rain or shine). Participants are not required to provide their own chainsaw.
- > **First Aid & CPR (4 hours)** - Because timber harvesting is a hazardous occupation, OSHA regulations require that everyone who works in the woods maintain current First Aid & CPR training from a provider who can issue a certificate or a card as documentation of hands-on training (i.e. no online certifications will be accepted). Individuals do not need to complete this training through the PA SFI Professional Timber Harvester Training Program; however, they must provide proof of First Aid & CPR certification to receive their initial training card (we cannot accept the MSHA 5000-23 form as satisfaction of this requirement). Course duration varies by instructor. **DOES NOT COUNT FOR CE CREDIT.**

#### CONTINUING EDUCATION (CE):

One (1) year of CE credit is given for each four (4) hours of CE training completed. CE credits can only extend your card date a maximum of three (3) years from the current calendar year. CE credit will not be awarded for taking the same class more than once in a five (5) year period.

- > **A Little About Contacts for the Logging Professional (4 hours)** - Presented in partnership with NY Logger Training, this course covers important basics of good contracts for timber harvesters.
- > **Advanced Logger Rescue (8 hours)** - Geared to prepare firefighters, EMS personnel, foresters, and loggers in taking action to reduce severity of injury and increase the chance of survival during a logging accident, this program teaches all participants how to handle an "in woods" rescue from the time a person has not arrived home until they are transported to a Level-1 Trauma Center
- > **Bats and Timber Management (4 hours)** - Bats have been a hot topic in forest management lately, but why? What is this white nose syndrome all about? Learn about Pennsylvania bat species, their habitat requirements, and regulations that protect certain ones. Find out how white nose syndrome is destroying bat populations and what loggers can do to help.
- > **Erosion Control in Our Forests (8 hours)** - This online workshop discusses Pennsylvania's environmental regulatory requirements (chapters 93, 102, & 105 of PA Code). It discusses planning before the harvest, stream crossings, best management practices, reading E&S plans, and other considerations during and after the timber harvest. Includes both indoor and outdoor training.
- > **Forest Health Update (4 hours)** - This course will provide timber harvesters with an update on the issues and controls for invasives, forest disease and pests, and deer impacts. There will also be information related to the Spotted Lanternfly as well. Topics will be presented by experts from Penn State Extension and the PA Bureau of Forestry
- > **Game of Logging (8 hours, each Level)** - These courses cover chainsaw safety and safe/efficient harvesting techniques. They MUST be taken in order. **Level 1** (see description under Core Training section). **Level 2** focuses on saw maintenance, chain sharpening techniques, releasing spring poles safely, and directional tree felling. **Level 3** focuses on handling difficult trees. Topics covered include limbing, wedging techniques and hinge placement. This training is conducted in the field.
- > **GPS for Timber Harvesters (8 hours)** - Participants learn the fundamentals of the Global Positioning System (GPS) and its application to forest management. This course teaches how an inexpensive, recreational GPS unit and a personal computer can be used to determine tract acreage and boundary length, skid trail/haul road layout, distance and grade, mapping special features, and navigating tracts in unfamiliar areas.
- > **Pennsylvania's Timber Rattlesnakes (4 hours)** - Chances are if you have spent any time in Penn's Woods you have come across a Timber Rattlesnake. Most loggers probably wish they never saw another Timber Rattlesnake in their life, but actually, this snake needs the help of Pennsylvania's logging workforce in order to stay off the endangered species list. Habitat destruction as well as poaching threatens the future of Pennsylvania's Timber Rattlesnake Population. Find out what you can do to help.
- > **Sustainable Timber Harvesting (4 hours)** - How do you know that a timber harvest is "sustainable"? What are the consequences of high-grading and diameter limit cuts? This online course covers the elements of sustainable harvesting practices and how to assess a stand. It focuses on the forest that remains as a result of the harvest.

Pennsylvania Sustainable Forestry Initiative®

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