



Summer 2018 (Issue # 42)

Pennsylvania SFI Implementation Committee (SIC) Members

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Barrett Wiggins, Deer Park Lumber Co.

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Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

NEWS

Revised E&S Plan Template Finally Finished

In early 2017, DEP advised the Conservation Districts to discontinue the use of the *Timber Harvesting Operations Field Guide for Waterways, Wetlands and Erosion Control* as well as *Controlling Erosion and Sediment from Timber Harvesting Operations* (what was commonly referred to as the Timber Harvesting Action Packet), because the content was out date and the Department had no plans to update them. This was concerning to the timber harvesting industry as it affected the Erosion and Sedimentation (E&S) Control Plans that are widely used to comply with Pennsylvania's environmental regulations and obtain DEP permits on nearly all timber harvests in the state. It also created confusion and inconsistencies among the Conservation Districts.



Pennsylvania SIC staff lead an ad-hoc working group made up of representatives from industry, county conservation districts, and state government with the purpose of developing a revised version of the plan that would satisfy current regulations. After nearly a year of work, the group finally reached consensus with DEP on a final draft and the updated E&S Plan was made publicly available through DEP's eLibrary (also available through our website: www.sfiopa.org/forms.php).

The SIC recognizes the importance of these plans in implementing BMPs. Our goal in this process was to include the minimum changes necessary to satisfy state regulations, while also maintaining a clear and logical document. The SIC also advocated for important clarifications that should help protect timber harvesting operators from some common regulatory misinterpretations.

The new plan is considerably longer than the old version (20 pages vs 11). However, this is mostly because of informative guidelines and specifications that are required to be included. There are also four additional BMPs that have been added; turnouts, water deflectors, compost filter sock, and wood chip filter berms. These are all DEP approved practices that are sometimes used on timber harvesting operations, but were not previously included in the E&S Plan.

The recommended spacings have been changed for ditch relief culverts, waterbars, and filter strips. Of these, the most significant is the minimum forest filter strip width changing from 50ft to 75ft. The recommended seed mixtures and rates have also been updated.

The process for completing the form is nearly the same as it has always been, with a few exceptions. First, Sections 9 and 10 are new and address concerns related to natural geologic formations (as a result of the I-99 "disaster") and thermal impacts to surface waters. In most cases these sections will simply be addressed by checking the "No" box.

Next, Section 12 (Maintenance) now requires written documentation of BMP inspections on a weekly basis and after each stormwater event. This has been a regulatory requirement for some time, but not included in the E&S Plan. Our working group created a simple one-page *Timber Harvesting BMP Inspection* Template that can be used to document inspections. DEP has reviewed our template and concurs that it will satisfy regulatory requirements; however, they declined to include it with the E&S Plan so it is not available through DEP's eLibrary. The inspection form will need to be downloaded separately by practitioners (available through our website at www.sfiopa.org/forms.php).

Lastly, Section 13 (Site Cleanup) includes a requirement that a Preparedness, Prevention and Contingency (PPC) Plan be written for the timber harvest site. This plan addresses hazardous materials on site and has also been a requirement not included in the E&S Plan for some time. Again, our working group developed a straightforward PPC Plan template for timber harvesting that DEP has reviewed and considers to be sufficient for use. Several loggers also reviewed the plan and provided feedback. DEP also declined to include this with the E&S Plan so practitioners will need to download it separately from our website: www.sfiopa.org/forms.php.

The Pennsylvania SIC would like to thank the staff from DEP's Bureau of Clean Water that cooperated with us on this effort and all the members of the working group for their input and efforts. We would also like to acknowledge the assistance we received from the Hardwoods Development Council and the Executive Secretary of the Pennsylvania State Conservation Commission.

Sustainable Forestry Initiative® (SFI®) Program

SFI (www.sfioprogram.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.

SFI is the largest single forest certification standard in the world, with more than 300 million acres certified. 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.

Since 1995, the Pennsylvania SIC's active presence on the ground has resulted in significant contributions to individual communities through activities such as training loggers and sponsoring outreach to landowners and the public on responsible forest management.

Learn more at www.sfiopa.org

SFI® Program Participants Supporting the PA SIC

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

Domtar Paper Co., LLC

Forest Investment Associates

Georgia-Pacific, LLC

Glatfelter

GreenWood Resources, Inc.

Hancock Forest Management

The Molpus Woodlands Group, LLC

Verso Corporation

Weaver, Inc.

Weyerhaeuser Co.

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NOTICE: Pennsylvania SFI Training Program Policy Update

In June, the Pennsylvania SFI Implementation Committee (PA SIC) approved changes to the Professional Timber Harvester Training Program policy. The revised policy is available on the PA SIC website (www.sfiopa.org/requirements).

The most significant change (section 5.4) now allows the Professional Timber Harvesting Essentials (PTHE) training to be completed for continuing education (CE) credit. Previously this training was only approved for core credit. The PA SIC feels that training program participants can benefit from a periodic refresher on the fundamental safety and regulatory information presented in this training, especially as the recent updates related to DEP's Erosion & Sedimentation Control Plan template are incorporated. It is important to note that this policy update is not retroactive.

Starting this fall, training program participants who have not completed PTHE in the last 5-years can re-take the course for CE credit if they choose. Game of Logging – Level 1, one of the other core training requirements, can also be taken for CE credit every 5 years. First Aid & CPR still only counts for core credit.



TEAM Safe Trucking Training

Formed in 2015, TEAM (Timber Equipment Application Management) Safe Trucking (TST) is a consortium of industry insurance companies, loggers and truckers, forest products companies, and industry associations seeking to elevate the standard and performance of the American forest industry's transportation sector. TST's mission is to "reduce accidents through enhanced driver training and effective fleet management and to recruit new, safety-focused drivers to deliver a sustainable and profitable supply chain."

The TST website (<https://teamsafetrucking.com>) is loaded with tools to help advance the strength and standing of log/chip trucking. Resources include FMCSA and insurance information, workplace posters, policy samples and forms, safety bulletins and training tools. In 2017, TST released a free online training module for forestry transportation owners and drivers (referred to as Module One). This interactive training is available through the TST website and provides basic

information on current insurance issues in the transportation sector, and basic FMCSA rules and regulations that apply to log truck drivers and managers. Participants have the option to complete the Owner or Drivers version of the training module. Individuals can create a free account through the TST website and complete Module One in approximately 60 minutes.

TST has announced a goal of reaching 5% of the estimated 88,000 forestry transportation drivers in the United States (approximately 4,500 drivers) by year's end. TST is asking for help in spreading the word to forestry transportation professionals and encouraging owners, drivers and safety professionals in the industry to commit to completing the training. The Pennsylvania SIC is encouraging all our Professional Timber Harvester Training Program participants that conduct trucking operations to participate in this valuable training. Module One is approved for 1-hour (0.25 years) of continuing education credit in our training program (Credits must be submitted).

TST has announced they will soon be releasing a new curriculum with three online training tracks: Forestry Transportation Owners (FTO), Forestry Transportation Drivers (FTD) and Forestry Transportation Safety Professionals (FTSP). The curriculum includes 30 class offerings and each class covers a specific topic. The classes will range in length from 15-30 minutes. Each training track will be approximately six to seven hours of forestry transportation industry training. After completing each class, a certificate will be issued to the student for that topic. There will be quizzes following each training class, which can be downloaded and saved to document the student's completion of the training session. When individuals complete their training tracks, they will receive a picture ID card certifying the them as either FTO, FTD or FTSP. The Pennsylvania SIC will review these training resources when they become available to determine how they may qualify for continuing education credit.

Addressing Workers Comp

A Workers Compensation Task Force being led by AHUG with representatives from the Hardwoods Development Council, Bureau of Forestry, PA Dept. of Labor & Industry, PPPA, WJ Cox Insurance, and others is actively engaged in finding a solution to the high comp rates for loggers. Various scenarios have been looked at and there is hope that a public/private partnership can be developed to address the high rates. An accountable safety program would be an integral part of the program.

PA SFI® Implementation Committee Partners

SIC Partners are not SFI certified, but 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.

Brojack Lumber Co.
Brooks Site Services, LLC
C & C Smith Lumber Co., Inc.
Deer Park Lumber, Inc.
Dwight Lewis Lumber Company, Inc.
Firth Maple Products, Inc.
Frey Pallet Corporation
Heacock Lumber Company
JM Wood Products LLC
Kort Forestry
Lapp Lumber Co.
Lee Brothers Lumber Company
Mark & Olivia Ott
Mt. Airy Lumber Co.
Ordie Price's Sawmill, Inc.
Patterson Lumber Company, Inc.
Pine Creek Lumber Co.
Renno Brothers Lumber Co.
Salem Hardwood, Inc.
Soap Stone Sawmill, LLC
Trumco Forest Products
Wheeland Lumber

PA SFI® Implementation Committee Supporters

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

Appvion, Inc.
Bingaman & Son Lumber Co., Inc.
Blue Ox Timber Resources, Inc.
Brownlee Lumber, Inc.
Charles Brown Forestry Consulting
Cowan Lumber
Cummings Lumber Co, Inc.
Horizon Wood Products, Inc.
Metzler Forest Products, LLC
Noll's Forestry Services
P & S Lumber Company
RAM Forest Products, Inc.
Reynmil, Inc.
RJ Hoffman & Sons, Inc.
Rorabaugh Lumber Company
St. Marys Lumber Co., Inc.
Sylvandale Forestry
WBL Hardwoods
W.J. Cox Associates

Project Learning Tree in Pennsylvania (By Jean Devlin, PA PLT State Coordinator)



Imagine a world where educators teach students about the environment and its issues, by using trees and forests as the overarching topic. This world is a reality for teachers involved with Project Learning Tree.

Since 1976, Project Learning Tree, (PLT), has been providing educators of Pre-Kindergarten through 12th grade students, with award winning materials that use forests as a window to the world. Teachers are trained (either online or in person), on these materials and then use them with their students. PLT is an environmental education program that increases youth understanding of the environment, and helps them develop skills, and actions they can take to conserve it. Since its beginning, PLT has trained 700,000 educators world wide to help students learn how to think, not what to think about complex, environmental issues.

In July 2017, Project Learning Tree became the program of the Sustainable Forestry Initiative. PLT is established in all 50 states and several countries. SFI recently wrote, "PLT's integration into SFI provides an opportunity for the program to expand its reach and impact. SFI's role as a sustainability leader will be bolstered by PLT's expertise in education, an increasing focus in SFI's community engagement work. PLT was previously housed at the American Forest Foundation."

From developing materials to training educators, Pennsylvania has been involved with Project Learning Tree since its beginning. In PA, PLT is sponsored by the Department of Conservation and Natural Resources. DCNR has trained over 150 people as PA PLT facilitators who in turn, provide workshops for educators to help them use PLT with their students. Pennsylvania's PLT program provides materials, support and training, forest resource information, and is working on a Pennsylvania PLT Forest Supplement to help educators learn more about Pennsylvania specific resources. The PA program hopes to increase the number of in-person workshops, complete the PA Forests Supplement, and to create new partnerships and opportunities through SFI and the SFI Implementation Committee over the next several years.

The benefits of educating youth about

responsibly managed forests are not just environmental. Experiencing nature through forests and other means at an early age are important components of a healthy lifestyle. The majority of PLT lessons get teachers and their students outdoors and active and with Pennsylvania's more than 2.2 million acres of state forests and 121 state parks, there are plenty of opportunities to learn and play outdoors!

Get involved! PLT needs you! By teaching students how to think, not what to think, about complex environmental issues, we are helping youth learn problem-solving skills needed to make informed choices about the environment and our forests. Check out the award-winning materials and take an online training at www.PLT.org. To find an in-person workshop, contact the PA PLT State Coordinator, Jean Devlin in the PA Bureau of Forestry at: jedevlin@pa.gov.

New Fact Sheet on ACRE

Pennsylvania Law recognizes and protects forestry as a beneficial land use, but sometimes timber harvesting operations run into issues with unauthorized local ordinances.

On July 6, 2005, Act 38 also known as "ACRE" (Agriculture, Communities and Rural Environment) went into effect to ensure that ordinances adopted by local governments to regulate normal agricultural operations (which includes forestry and timber harvesting) are not in violation of state law.

An owner or operator of a normal agricultural operation may request that the Office of the Attorney General (OAG) review a local ordinance that the owner or operator believes to be unauthorized. If, after reviewing the local ordinance, the OAG believes that the ordinance violates ACRE, the OAG and the local government will work together to bring the ordinance into compliance with state law. If a resolution can not be reached, the OAG has the option of filing a lawsuit in the Commonwealth Court. If the OAG decides not to file a lawsuit, the owner or operator still can file a lawsuit in Commonwealth Court to challenge the ordinance.

The Pennsylvania SIC has developed a new fact sheet summarizing positions the OAG has taken on unauthorized ordinances related to timber harvesting. This fact sheet and other information related to timber harvesting ordinances is available on our website:

<https://sfiofpa.org/page/environmental-regulations/>



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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

Register for classes:

www.sfiopa.org/register

Find SFI Qualified Logging Professionals or review your training records:

www.sfiopa.org/search



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

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Pennsylvania Sustainable Forestry Initiative® Implementation Committee (SIC)

NEWS

2018 Annual Forest Products Executive Development Workshop Presented by PFFPA and Ag Choice

Tuesday, September 26, 2017
(8:15 am—4:30 pm)

Toftrees Resort
One Country Club Lane
State College, PA 16803

Pre-registration is required. Cost is \$200. Contact Pennsylvania Forest Products Association (PFFPA), 717-901-0420. RSVP is required by September 18.

This workshop qualifies for 8 hrs (2 years) of Pennsylvania SFI continuing education credit.

Individuals seeking credit must submit completed course credit form (available at event), and a \$20 administrative fee (Check made payable to "PA SIC") to the Pennsylvania SIC office. For more details on CE credit please contact the Pennsylvania SIC office.



www.walkinpennswoods.org

**JOIN US SUNDAY
OCTOBER 7, 2018**

Mark your calendars for the second annual statewide Walk in Penn's Woods event. We invite all Pennsylvanians to learn about the many ways that Penn's Woods Works for all of us by participating in one of many free mentored walks being held across the state. You can find information about each individual event on the Walk in Penn's Woods website (above). Each walk will showcase various values and diverse uses for our state's priceless forest resources. Everyone is welcome!



Pennsylvania Sustainable Forestry Initiative® Implementation Committee

Professional Timber Harvester Training Program

2018 Fall Training Schedule

SAVE TIME, REGISTER ONLINE AT: www.sfiopa.org/register

To avoid course cancellations, pre-registration and payment for all classes is required by the registration deadline. Registration is on a first-come, first-served basis

CORE TRAINING

Individuals must complete *Professional Timber Harvesting Essentials*, *Game of Logging - Level 1*, and provide proof of current *First Aid & CPR* certification within a 2-year period to receive a PA SFI® Professional Timber Harvester Training Card. Refer to the Training Program Policy for complete details on training requirements at: www.sfiopa.org/requirements.

- *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 taken the training in the last 5 years*

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost ❖	Register By
09/18/18	Tues 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Mercer (Mercer County)	\$ 85.00	09/11/2018
10/04/18	Thurs 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Laporte (Sullivan County)	\$ 85.00	09/27/2018
10/05/18	Fri 7:30 AM	Game of Logging – Level 1 (8 hours)	Franklin (Venango County)	\$ 95.00	09/28/2018
10/16/18	Tues 7:30 AM	Game of Logging – Level 1 (8 hours)	Penfield (Clearfield County)	\$ 95.00	10/09/2018
10/17/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Penfield (Clearfield County)	\$ 85.00	10/10/2018
10/25/18	Thurs 7:30 AM	Game of Logging – Level 1 (8 hours)	Wellsboro (Tioga County)	\$ 95.00	10/18/2018
10/30/18	Tues 7:30 AM	Game of Logging – Level 1 (8 hours)	Lewisburg (Union County)	\$ 95.00	10/23/2018
10/31/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Reading (Berks County)	\$ 85.00	10/24/2018
11/05/18	Mon 8:00 AM	Basic First Aid and Adult CPR (4 hours)	Johnsonburg (Elk County)	\$ 90.00	10/29/2018
11/13/18	Tues 7:30 AM	Game of Logging – Level 1 (8 hours)	James Creek (Huntingdon County)	\$ 95.00	11/06/2018
11/14/18	Wed 8:00 AM	Professional Timber Harvesting Essentials (8 hours)	Huntingdon (Huntingdon County)	\$ 85.00	11/07/2018

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

CONTINUING EDUCATION TRAINING

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

Course Date	Time	Course Name (Course Descriptions on Registration form)	Location	Cost ❖	Register By
10/01/18	Mon 8:00 AM	GPS for Timber Harvesters (8 hours)	Dauphin (Dauphin County)	\$ 30.00	09/24/2018
10/08/18	Mon 7:30 AM	Game of Logging – Level 2 (8 hours)	Tidioute (Warren County)	\$ 95.00	10/01/2018
10/09/18	Tues 7:30 AM	Game of Logging – Level 3 (8 hours)	Tidioute (Warren County)	\$ 95.00	10/02/2018
10/11/18	Thurs 8:00 AM	Sustainable Timber Harvesting (8 hours)	Galeton (Potter County)	\$ 30.00	10/04/2018
10/23/18	Tues 8:00 AM	Responsible Logging for Clean Water (8 hours)	McConnellsburg (Fulton County)		<ul style="list-style-type: none"> ❖ COST IS FREE. REGISTER WITH THE FULTON COUNTY CONSERVATION DISTRICT (717-485-3547, ext 4). ADDITIONAL \$20 FOR PA SFI CE CREDITS. CREDIT APPLICATIONS WILL BE AVAILABLE AT THE CLASS.
10/26/18	Fri 8:00 AM	Business Management for Timber Harvesters (8 hours)	Brookville (Jefferson County)	\$ 20.00	10/19/2018
11/01/18	Thurs 7:30 AM	Game of Logging – Level 2 (8 hours)	Laurelton (Union County)	\$ 95.00	10/25/2018
11/02/18	Fri 7:30 AM	Game of Logging – Level 3 (8 hours)	Laurelton (Union County)	\$ 95.00	10/26/2018
11/07/18	Wed 8:00 AM	Forest Health Update (4 hours)	Laporte (Sullivan County)	\$ 30.00	10/31/2018
11/10/18	Sat 8:00 AM	Hydraulics System Safety & Maintenance (8 hours)	Montgomery (Lycoming County)	\$ 75.00	11/03/2018
11/15/18	Thurs 12:00 PM	Boundary Lines, Maps & Deeds (4 hours)	Penfield (Clearfield County)	\$ 40.00	11/08/2018
11/16/18	Fri 12:00 PM	Boundary Lines, Maps & Deeds (4 hours)	Dalton (Lackawanna County)	\$ 40.00	11/09/2018

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

OTHER CONTINUING EDUCATION TRAINING

Additional training opportunities are available through numerous organizations across Pennsylvania and adjoining states. Training courses taken from other sources may qualify for PA SFI core or continuing education credit, provided the subject of the course is relevant to the SFI program, and if some legitimate form of documentation is provided to the PA SIC office for proof of content and attendance. Outside credits are subject to all Pennsylvania SFI Professional Timber Harvester Training Program Policy requirements. To submit Non-PA SFI training credits please fill out a copy of the Non-PA SFI Course Credit Form (available on our website under "Forms" section or by contacting the PA SIC office) and send it to the PA SIC office with all necessary paperwork and a check for \$20 made payable to the "PA SFI Implementation Committee" for administrative costs. Refer to the Training Program Policy for complete details on training requirements.

The PA SIC maintains a listing of all pre-approved Non-PA SFI CE training courses that we have been made aware of. It can be found on our website: <http://sfiopa.blogspot.com>

Visit www.sfiopa.org/register for additional details and the most current training schedule. Programs may be added or cancelled at any time. For additional information, please contact the PA SFI® Implementation Committee at: (814) 230-2866, or mark@sfiopa.org

Pennsylvania Sustainable Forestry Initiative® Implementation Committee

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Phone: (814) 230-2866 / Fax: (814) 355-1022
Email: mark@sfiopa.org / www.sfiopa.org



Pennsylvania Sustainable Forestry Initiative® Implementation Committee

Professional Timber Harvester Training program

2018 Fall Course Registration Form

SAVE TIME, REGISTER ONLINE AT: 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.
- For a full description of the Training Program Policies, please visit www.sfiopa.org/requirements or contact the PA SIC® office.

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): • Forester • Logger-owner • Logger-employee • Landowner • Office personnel • Truck driver • Other _____			Total Amount Enclosed:	
		Make checks payable to: "Pennsylvania SIC" Mail to: PA SFI Implementation Committee 748 Gravel Point Road Howard, PA 16841		
Class location and additional information will be sent to you when we receive your registration and payment				

2018 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 (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. If you have not taken Professional Timber Harvesting Essentials within the last five (5) years, you can attend the class for continuing education credit.
- **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. If you have not taken Game of Logging – Level 1 within the last five (5) years, you can attend GOL-1 for continuing education credit.
- **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). **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.

- **Business Management for Timber Harvesters (8 hours)** - Profitability of a timber harvesting businesses is key to long term viability and implementing sustainable management practices. Participants are introduced to business plans, documents used for financial analysis, key people, sources of assistance, employee management, and other components of running a successful business. This is a great class for new loggers starting their own business or established loggers looking for a refresher.
- **Responsible Logging for Clean Water (8 hours)** - This workshop combines indoor and outdoor instruction time to discuss 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.
- **Boundary Lines, Maps & Deeds (4 hours)** - This course covers the fundamentals of researching deeds, locating and marking boundary lines on the ground using a map and compass and GPS technology, and how to make maps using conventional paper methods, freeware such as Google Earth, and other mapping software.
- **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.
- **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.
- **Hydraulic Systems Safety & Maintenance (8 hours)** - This hands-on course will introduce participants to the theory of hydraulic operation, nomenclature and function of associated components, safety practices, general maintenance, and diagnostic troubleshooting of hydraulic systems.
- **Sustainable Timber Harvesting (8 hours)** - How do you know that a timber harvest is "sustainable?" What are the consequences of high-grading and diameter limit cuts? This 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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