



Pennsylvania Recreation and Park Society

Pool Pesticide Facts

Pesticides are important tools for controlling organisms that can harm our pools. As with any tool, their misuse can pose a threat to human health and environmental quality. It's important to know how to properly treat our pools, store and handle all chemicals not only to keep our pools safe, but ourselves and others around us.

Disinfectants and chemicals are necessities for swimming pools to maintain healthy water qualities, which helps prevent swimmers from developing infections while in the water. If these chemicals are stored or used incorrectly or handled or applied by a person not using the correct personal protective equipment, there is a potential for illness or injury for more than one party.



Research done by the U.S. Government found that out of 400 chemical release incidents, human error was the most common contributing factor (79.1%), followed by equipment failure (22.8%). **With proper education and training on handling chemicals, many of these human errors can be prevented.**

The health issues most commonly reported were respiratory irritation (47.9%) and eye irritation (19.4%), followed by gastrointestinal problems, skin irritation, shortness of breath, headache, burns, and dizziness/CNS disturbances. Due to the highly reactive nature of some disinfectants and oxidizers, explosions and fires are also possible.

Pool chemical-related injuries send **more than 5,000** people to the emergency room each year, according to the CDC.

<https://www.extension.purdue.edu/extmedia/ppp/ppp-25.pdf>

<http://news.vanderbilt.edu/2013/07/vanderbilt-toxicologists-warn-of-dangers-of-pool-chemical-misuse/>

<http://toxedfoundation.org/pool-chemical-safety/>

2131 Sandy Drive State College, PA 16803 (814)234-4272
www.prps.org

2017 Swimming Pool Workshops

Why you Should Attend?

Pesticides are important tools for controlling organisms that can harm our pools. As with any tool, their misuse can pose a threat to human health and environmental quality. It's important to know how to properly treat our pools, store and handle all chemicals not only to keep our pools safe, but ourselves and others around us.

What Information Will Be Covered?

- Pool Chemistry
- Pesticide Regulation and Safety
- Record Keeping and Reporting requirements
- Filtration Information
- Water Testing Instructions
- Lifeguard Recruiting, Retention, and Training Information (Pool 101)
- Liability and Risk Management Information
- Emergency Action Plan (Re-certification)
- Public Bathing Place Design Requirements
- Spa/Hot Tub Operation
- Fecal Incident Response and Recommendations
- Virginia Graeme Baker Pool and Spa Safety Act
- Information on Healthy Swimming (Pool 101)

Cancellation and Refund Policy

PRPS will refund your registration, less a \$25 processing fee, if your cancellation is received in writing before course materials are shipped (note: PRPS ships course materials as soon as they are received and cannot guarantee shipping dates). No refunds will be given for cancellations occurring less than 10 business days prior to an event. Substitute attendees are welcomed in lieu of cancellations: please contact the PRPS office to arrange this.

General Information

Upon arrival at the workshop, attendees should first stop by the registration area to receive any up-to-date program information as well as a name badge.

If the workshop has less than 10 registrants it may be cancelled or rescheduled. Please register early!

The minimum needed for the exam is 10 participants. If minimums are not met one week before the workshop, the exam will be cancelled. *The exams are both closed books.*

Registrants will only be notified if the workshop is cancelled or rescheduled. The registration deadline is a week before the date of each course.

Meet the Instructors

The PRPS Swimming Pool Management instructor team is comprised of top aquatic professionals in Pennsylvania. The Instructors have a diverse background in swimming pool management, chemical distribution, consulting and education. All instructors must complete instructor training through PRPS before being approved as a qualified instructor.

Tammy Agesen, CPRP

Trails & Trees Environmental Center
Malcolm E. (Gene) Eubert, Jr., CPRP, CPSI, AFO, CPO
Greater Plymouth Community Center

Todd A. Roth, CPRP, AFO
MCRCOG- September

**Register Now at
WWW.PRPS.ORG
or call
814-234-4272**

Who Should Attend?

Pool managers, lifeguards, hotel and motel maintenance staff, campground owners, school maintenance staff, aquatic directors, summer camp and day camp pool operators, YMCA/ YWCA, employees, or any other person responsible for applying chemicals to a swimming pool.

Pennsylvania Recreation and Park Society, Inc.
2131 Sandy Drive, State College, PA 16803
P: (814)234-4272 F: (814)234-5276
www.prps.org

Swimming Pool Recertification Workshops

6 core and 4 category 24 credits

Course Description

The Re-Certification Workshop is for anyone who applies pesticides (chlorine, bactericides, etc.) to any public or commercial swimming pool and is **currently certified**. This class will focus its attention on the core information, including introductions to pesticides, federal and state laws, pesticide safety, toxicity, health issues, and emergencies, along with pesticide formulations, label content and environmental effects. The content of this class will also discuss information specific to Swimming Pools, Category 24, such as pool calculations, water balance and testing, sanitation/oxidation, filtration, pool and hot tub safety, and pool water contaminates.

Schedule

8:30 am - 9:00 am	Registration
9:00 am - 12:00 pm	Lecture/Instruction
12:00 am - 1:00 pm	Lunch on your own
1:00 pm - 3:00 pm	Lecture/Instruction

Prices for Recertification class only:

PRPS Member	\$75
Non-member	\$90

Price includes:

- Networking Opportunity
- Course Instruction
- .5 Continuing Education Units
- Department of Agriculture Credits
- All Participant Materials and Support Information

Sponsored by the Department of Conservation and Natural Resources and The Pennsylvania Recreation and Park Society



pennsylvania
DEPARTMENT OF CONSERVATION
AND NATURAL RESOURCES

Dates and Locations

September 19, 2017

Greater Plymouth Community Center
2910 Jolly Road
Plymouth Meeting, PA 19462
www.plymouthtownship.org

September 19, 2017

Trails and Trees Environmental Center
1731 S. York Street
Mechanicsburg, PA 17055
www.mbgdsd.org

September 20, 2017

Mercer County Regional COG
2495 Highland Road
Hermitage, PA 16148
www.mcrcog.com

****Bring your Pesticide License Number to the Recertification course****



For information on your credits, contact the Department of Agriculture in your region. Regional contact information is available at www.paplants.state.pa.us.

Swimming Pool 101 Workshops & Exams

Course Description

The Swimming Pool Management 101 Workshop is for individuals not currently certified, who are preparing to take the core and category 24 exams. It has been designed to provide in-depth pool management instruction as well as the information needed to sit for the Pennsylvania Department of Agriculture Pesticide Exams. To become a Certified Pesticide Applicator, one must take and pass a core written examination and a category-specific exam (i.e., swimming pools, lawn and turf, etc.). Both exams are closed books.

This workshop will focus on the core information including, but not limited to introduction to pesticides, federal and state laws, pesticide safety, toxicity, health issues and emergencies, along with pesticide formulations label content, and environmental effects. The content of the class will also discuss information specific to swimming pools, such as pool calculations, water balance and testing, sanitation/oxidation, filtration, and pool and hot tub safety.

Prices:

For Swimming 101 Workshop only:

PRPS Member	\$150
Non- Member	\$165

Exams (Optional)

Category 24	\$15 (closed book)
Core Exam	\$60 (closed book)

Price includes:

- Networking Opportunity
- Course Instruction
- .7 Continuing Education Units
- Department of Agriculture Credits
- All Participant Materials, Study Guides, and Support Information

*** Price includes books valued at \$70!

- PA Pesticide Applicator Certification Core Manual
- Swimming Pool Maintenance and Pest Management (Category 24)

Dates and Locations

September 20-21, 2017

Greater Plymouth Community Center
2910 Jolly Road
Plymouth Meeting, PA 19462
www.plymouthtownship.org

September 20-21, 2017

Trails and Trees Environmental Center
1731 S. York Street
Mechanicsburg, PA 17055
www.mbgdsd.org

September 20-21, 2017

Mercer County Regional COG

2495 Highland Road
Hermitage, PA 16148
www.mcrcog.com

Please note: Exam Session will be 11:00 AM - 2:00 PM

Exam Information

The Core and Category 24 exams are CLOSED BOOKS!

The Pesticide Applicator Certification Exam will be administered by the Pennsylvania Department of Agriculture. The exam will be given in the morning on the second day of the Pool 101 Workshop as long as 10 or more individuals register for the exam. The test is two parts; the Core exam and the Category 24 (Swimming Pools). These two exams (the Core and at least one Category) must be passed within 180 days of one another for certification of the individual. The exam can also be taken at Regional PA Department of Agriculture Offices.

Course Schedule (Day 1)

8:30 am - 9:00 am	Registration
9:00 am - 12:30 pm	Lecture/Instruction
12:30 pm - 1:30 pm	Lunch on your own
1:30 pm - 5:00 pm	Lecture/Instruction
5:00 pm - 5:30 pm	Questions/Evaluation

Exam Schedule (Day 2) Core and Category 24

8:30 am - 9:00 am	Registration
9:00 am - 12:30 pm	Exams are CLOSED BOOKS

For information on your credits, contact the Department of Agriculture in your region. Regional contact information is available at www.paplants.state.pa.us.