INTRODUCTION

Federal regulations require that all employees who work on sites that may expose them to hazardous substances or health hazards receive training allowing them to work safely, knowledgeably and effectively. Our classes meet all federal requirements for the initial 40-hour, 24-hour or the 8-hour annual refresher training set forth under OSHA’s Hazardous Waste Operations and Emergency Response (HAZWOPER) Regulation [29 CFR 1910.120(o)] for public and private employees covered by these regulations. Note: 10H (safety) credits are available for all sessions for holders of NJ drinking water and wastewater licenses.

INSTRUCTOR: GARY P. SCHWARTZ, PHASE ASSOCIATES, LLC

OSHA 24-Hour HAZWOPER Training
October 29 - 31, 2013 Course Code: EP0403CA14
Sayreville, NJ

The first three days of the 40-hour training program are designed to meet the 24-hour training requirements. Twenty-four hour training is designed for workers who are on site only occasionally for a specific limited task (such as, but not limited to, groundwater monitoring and land or geophysical surveying) and who are unlikely to be exposed to chemicals at levels that exceed permissible and/or published exposure limits. The course provides participants with the knowledge and skills necessary for personal protection and safety when working with or around sites that contain hazardous materials and/or waste.

TOPICS WILL INCLUDE BUT ARE NOT LIMITED TO:
- The role of OSHA and other governmental agencies, their regulations and compliance procedures
- Site investigation and characterization
- Hazard recognition and evaluation
- Safety planning and implementation
- Chemical properties and behavior
- Health impacts and hazards
- Instrumentation (real-time air monitoring equipment)
- Labels, warnings and hazard identification
- Personal protective equipment (PPE) and respirator use
- Emergency response
- Field mobilization, site set-up and decontamination
- Hands-on spill containment and planning drills
- Modular spill practice drills

OSHA 40-Hour HAZWOPER Training
October 29 - November 1, 2013 Course Code: EP0403CA14
Sayreville, NJ

This four-day course will provide participants with the knowledge and skills necessary for personal protection and safety when working with or around hazardous materials and/or waste. This course can also serve as a comprehensive basic safety class for personnel involved in site investigations, non-hazardous site remediation activities and environmental audits.

TOPICS WILL INCLUDE BUT ARE NOT LIMITED TO:
- The role of OSHA and other governmental agencies, their regulations and compliance procedures
- Site investigation and characterization
- Hazard recognition and evaluation
- Safety planning and implementation
- Chemical properties and behavior
- Health impacts and hazards
- Instrumentation (real-time air monitoring equipment)
- Labels, warnings and hazard identification
- Personal protective equipment (PPE) and respirator use
- Emergency response
- Field mobilization, site set-up and decontamination
- Hands-on spill containment and planning drills
- Modular spill practice drills

OSHA 8-Hour HAZWOPER Training
November 1, 2013 Course Code: EP0403CA14
Sayreville, NJ

This stand alone course, which also coincides with the fourth day of the 40-hour training program, is designed to meet the 8-hour annual refresher training requirements. HAZWOPER regulations, Site Investigations and Characterization, Toxicology, Hazard Recognition, Evaluation, Emergency Procedures, Personal Protective Equipment, Decontamination, Medical Surveillance, Confined Space Entry, and any new spill containment technologies and other applicable safety and health topics will be covered in this course.

TOPICS WILL INCLUDE BUT ARE NOT LIMITED TO:
- The role of OSHA and other governmental agencies, their regulations and compliance procedures
- Site investigation and characterization
- Hazard recognition and evaluation
- And much more!
Representatives from the New Jersey Department of Environmental Protection (NJDEP) have developed the program content for the Case Study Training for LSRPs and the Flood Hazard Area Control Act Rules courses and will provide instruction for these seminars.

### Underground Storage Tanks

**December 3, 2013**

Tuition: $275; Multi: $255  
New Brunswick, NJ

Whether you are becoming certified for the first time or just need to recertify, you will get the regulatory information you need to stay current with New Jersey's UST requirements and help your clients or employer avoid potential penalty liability.

**INSTRUCTORS:**

- Chris Pauer, NJ Department of Environmental Protection (NJDEP)
- Stacey Felts-Bock, TRC Environmental Corporation
- Norris, McLaughlin & Marcus

**WHO SHOULD ATTEND:**

Anyone working on USTs needs a good understanding of the applicable regulations and guidance, especially tank owners, consultants, engineers, contractors, health officials, geologists, soil scientists and attorneys. If you are renewing your certification, you must take a NJDEP-certified course within one year prior to renewal. Professional engineers and plumbing contractors, exempt from the certification examination, must attend the course within one year of certification.

**ADDITIONAL PROGRAMS APPROVED FOR CREDIT:**

- Environmental Forensics (10/12/13) - 6 Technical
- Advanced Petroleum Forensics Geochemistry (10/18/13) - 7 Technical
- Underground Storage Tanks (12/5/13) - 6.5 Regulatory
- Innovative Technologies for Site Remediation (12/11/13) - 6 Technical
- Ecological Risk Assessment (3/18/14) - 5 Technical / 5 Regulatory
- Groundwater in Fractured Bedrock (4/2/14) - 6.5 Technical
- Practical Applications in Hydrogeology (5/9/15, 22/14) - 19.5 Technical

Additional information about these programs and to register, visit: [http://www.pce.rutgers.edu/programs/environmental.html](http://www.pce.rutgers.edu/programs/environmental.html)

### Flood Hazard Area

**December 4, 2013**

Tuition: $275; Multi: $255  
New Brunswick, NJ

This one-day seminar is designed to present an overview of NJ's Flood Hazard Area Control Act Rules (N.J.A.C. 7:13). Instructors will discuss these rules in detail, and will answer questions regarding the technical issues and regulatory requirements involved in obtaining flood hazard area permits. NJDEP staff will provide information on the recently adopted emergency rules aimed at promoting re-construction for Hurricane Sandy related projects. In addition, presenters will provide information on additional proposed changes to the Flood Hazard Regulations.

This program will provide attendees with an understanding of the flood hazard area permitting process (from the pre-application stage through the formal review period and post-permit period) and addresses the major design and construction standards for activities within and near New Jersey's waters, such as:

- The Statewide 0% Net-Fill Requirements
- The 50-ft, 150-ft and 300-ft Riparian Zones
- Methods to Delineate Flood Hazard Areas
- How Standards Apply to CAFRA and Waterfront Development Permits
- Reconstruction of Hurricane Damaged Structures

**WHO SHOULD ATTEND:**

This program is recommended for professionals who prepare permit applications and assumes that participants have some familiarity with the applications being discussed such as: municipal construction officials, consulting engineers, representatives of public utilities, builders and contractors, municipal engineers, environmental consultants, landscape architects, health officials, planners, attorneys, surveyors and real estate professionals.

**ADDITIONAL PROGRAMS APPROVED FOR CREDIT:**

- Environmental Forensics (10/12/13) - 6 Technical
- Advanced Petroleum Forensics Geochemistry (10/18/13) - 7 Technical
- Underground Storage Tanks (12/5/13) - 6.5 Regulatory
- Innovative Technologies for Site Remediation (12/11/13) - 6 Technical
- Ecological Risk Assessment (3/18/14) - 5 Technical / 5 Regulatory
- Groundwater in Fractured Bedrock (4/2/14) - 6.5 Technical
- Practical Applications in Hydrogeology (5/9/15, 22/14) - 19.5 Technical

### Registration Information

**Courses in this brochure have been submitted for various continuing education credits including:**

- NJ Health Officers/REHS
- NJ Licensed Water & Wastewater Operators
- NJCertified Public Works Managers
- NJ, NY and PA Continuing Legal Education
- NJ Licensed Site Remediation Professionals (LSRP’s)
- NJ Professional Engineers
- PA Professional Geologists

Please check individual course web pages for credit approval updates.

**4 CONVENIENT WAYS TO REGISTER**

- **Phone:** 732.932.9271, M-F 8AM - 4:30PM  
  Please have your VISA, Mastercard, Discover or AMEX number ready.
- **Fax:** 732.932.8726, 24 Hours. Please include credit card information or copy of your check, money order or purchase order with your fax.
- **Mail:** Registration Desk, NJAES Office of Continuing Professional Education, Rutgers University, 102 Ryders Lane, New Brunswick, NJ 08901-8519. Please make check payable to: Rutgers University
- **Web:** [www.cpe.rutgers.edu](http://www.cpe.rutgers.edu)  
  Payment Policy - All students must have prearranged for payment to be admitted to the class (purchase order, check, VISA, Mastercard, American Express, Discover or money order).

**Refunds** - You may withdraw from this course with a full refund (minus a $50 processing fee) provided our office is notified at least three (3) full working days prior to the start of the course. Beyond that time, registrants may be responsible for the full registration fee.

**Substitutions are welcomed.**