**Underground Storage Tanks**

*Rutgers, the State University of New Jersey*

**March 6, 2012**  
New Brunswick, NJ

**Overview of Laws and Regulations**  
Permits; Registration and Fees; Compliance and Enforcement; Installation, Upgrade and Certification Requirements; Performance Standards; Operating, Monitoring and Closure Requirements; Release, Reporting and Investigation Requirements and Recordkeeping

**Course Code:** EW0201CC12  
**Registration Fee: $275**

**If You Work on UST’s, You Need this Course!**  
Whether you are becoming certified for the first time or just need to refresh your knowledge, 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.

The NJ Department of Environmental Protection (NJDEP) regulates Underground Storage Tanks (USTs) and requires the professionals who work on them to be trained, certified/recertified every three (3) years. When a person has notified the NJDEP of a discharge from an UST on or after November 4, 2009, that person must retain a LSRP when addressing regulated USTs. LSRPs may work on unregulated USTs (remediation or otherwise), but LSRPs are not required to be hired to remediate discharges from unregulated USTs. Certified Subsurface Evaluators may still be retained to remediate discharges from unregulated USTs without the supervision of a LSRP. The certifications for all other categories of UST services (i.e., installation, closure, tank testing, and corrosion protection) still require the refresher course. The person responsible for conducting the remediation of a discharge from an unregulated UST who uses a Certified Subsurface Evaluator to remediate that discharge is required to employ an individual working for a business firm certified in the category of UST subsurface evaluation pursuant to the UST rules at N.J.A.C. 7:14B-16.

**Who Should Attend?**  
Anyone working on USTs needs a good understanding of the applicable regulations and guidance, especially tank owners, consultants, engineers, contractors, health officers, 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.

**Instructors**  
Jonathan Berg, NJ Department of Environmental Protection (NJDEP)  
Patrick Hansen, TRC Environmental Corporation  
Edward Hogan, Esq., Norris McLaughlin & Marcus  
Gary Sanderson, NJ Department of Environmental Protection (NJDEP)  
Kenneth Siet, TRC Environmental Corporation

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**Ecological Risk Assessment**

*Includes Review of the NEW Ecological Evaluation Tech Guide*

**March 20 and 21, 2012**  
New Brunswick, NJ

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**Glacial Deposits of New Jersey**

*Includes Afternoon Field Trip*

**March 29, 2012**  
Oxford, NJ

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**Credits and Continuing Education Units**

In addition to Rutgers CEUs, credits are available for:

- NJ Health Officers & REHSs – Participants who complete this education program will be awarded 6.5 NJ Public Health Continuing Education Contact Hours (CEs).
- NJ Licensed Water & Wastewater Operators (01-040601-30) - 6 TCHs
- NJ Certified Public Works Managers - 2 Technical; 2 Government

**PA/NY Continuing Legal Education - Pending Approval**

This course is eligible toward PDHs for Pennsylvania Professional Geologists and New Jersey Professional Engineers.

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**Course Program**

8:30 a.m.  
NJ UST Regulations

10:15 a.m. - 11:30 a.m.  
NJ UST Technical Requirements

12:00 p.m.  
Lunch

1:00 p.m.  
NJ UST Technical Requirements

NJDEP Unregulated Heating Oil Tank Program

Update on LSRP Program

4:00 p.m.  
Adjourn

**Valuable references provided on CD-ROM!**

Tired of looking through pages and pages of regulations to find the information you need? Our course materials include valuable references on CD-ROM enabling you to search for just the information you need without having to wade through reams of paper.

*For LSRP Program information, call Wayne Howitz (NJDEP) at 609-984-1351.  
*For UST exam information, call NJDEP Exam/Licensing Unit at 609-777-1013.

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**Office of Continuing Professional Education**

Rutgers, The State University of New Jersey

Mailing Address

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Ecological Risk Assessment

March 20 & 21, 2012
New Brunswick, NJ
Early Registration Fee: $465
New Brunswick, NJ
Multi-Registration Fee: $445
Registration Fee (after 3/6): $496

Assessing the potential for ecological risk at a hazardous waste site is paramount to the remedial decision-making process. This is particularly true in New Jersey with the passage of the Site Remediation Reform Act and development of the Ecological Evaluation Technical Guidance (NJDEP, August 2011). Help your client understand how the ecological risk assessment process aids in developing realistic approaches to remediating sites. Understand the role that ecological risk assessment plays in developing clean-up goals for your site. By understanding regional, state, and federal risk-based standards cleanup goals, you can be responsible for the economic gains and environmental restoration of your client’s next project. Implement the preventative capabilities provided in our course and you will increase your ability to evaluate risk and determine the response of biological systems to environmental pollutants.

This two-day program will provide you with a comprehensive overview of regulatory expectations of ecological risk assessments from both federal and state perspectives.

On Day One, learn about methodologies and innovative approaches being employed to conduct ecological risk evaluations and assessments of aquatic and terrestrial ecosystems under CERCLA, RCRA, and various state mandates.

On Day Two, NJDEP representatives will take you through the New Jersey guidance document for the completion of ecological risk assessments under the Licensed Site Remediation Professionals Program.

Instructors
Charles Harman, AMEC Earth & Environmental
Nancy Hamit, NJ Department of Environmental Protection (NJDEP)
Allan Motter, NJ Department of Environmental Protection (NJDEP)
Greg Neumann, NJ Department of Environmental Protection (NJDEP)

Featured Topics
• Applicability of Ecological Risk Assessments
• Federal, State (NJ, NY and PA) and Regional Approaches
• Regulatory Drivers
• Phased Approach to an Ecological Risk Assessment
• Uncertainties Associated with Risk Assessments
• Development of Clean-up Goals
• Hazard Assessment: How and Why
• The US EPA’s 8-Step Process
• Problem Formulation
• Exposure, Effects and Risk Characterizations
• Risk Management Decisions
• Special Ecological Risk Considerations
• Assessment of Natural Resource Damages
• Case Studies

Glacial Deposits of NJ

March 29, 2012
Oxford, NJ
Early Registration Fee: $345
Course Code: EW1010CA12
Registration Fee (after 3/15): $375

Glacial aquifers provide about 40% of the groundwater supply in northern NJ. These aquifers can be highly productive, but they are also susceptible to depletion and pollution due to their small size, locally high permeability, and proximity to the surface. Management and assessment of this valuable groundwater resource starts with an understanding of the geology involved. The quantity and flowpaths of water in the aquifers, and the recharge of water in the aquifers, are determined by the location and extent of permeable sand and gravel aquifer beds and impermeable silt, clay, and till confining beds. The geologic environment and physical processes leading to the deposition of these beds helps to determine their distribution as well.

Who Should Attend?
This course is a valuable learning experience for anyone wanting to understand the glacial geology of New Jersey, the nature of glacial sediments and the nature of glacial aquifers. Professional disciplines that will benefit most from this program include: hydrogeologists, environmental scientists, land use planners and regulators, soil scientists, soil conservation specialists, consulting engineers, environmental commissioners, well drillers and water purveyors.

Instructors
Dr. Gail Ashley, Dept. of Earth & Planetary Sciences, Rutgers University
Dr. Scott Stanford, NJ Geological Survey

Hands-on RADIUS Computer Workshops!

Emission Statements using RADIUS
March 8, 2012
This workshop provides practical, step-by-step instruction in the basic elements of RADIUS for emission statement reporting.
http://www.njdep.net/docs/compassment/2012/feb.html

Mastering RADIUS
April 18, 2012
This one-day program has been designed to provide you with the necessary tools to prepare effective permit applications correctly and efficiently.
http://www.cpe.rutgers.edu/courses/somarient/2012/feb.html

Please bring hard hat protection with you to the program so you may fully benefit from the afternoon field trip and get up close and personal with NJ’s Glacial Deposits!

NJ Health Officers & REHIS - Participants who complete this education program will be awarded 12.0 NJ Public Health Continuing Education Contact Hours (CEIs).

This course is eligible toward PDHs for Pennsylvania Professional Geologists and New Jersey Professional Engineers.

Glacial Deposits of NJ - Featured Topics

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• Oxford, NJ
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- FOUR CONVENIENT WAYS TO REGISTER -

Phone: 732.932.3271, M-F 8AM - 4:30PM. Please have your Visa, Mastercard or AMEX number ready.
Fax: 732.533.8726, 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 Byers Lane, New Brunswick, NJ 08901-8519. Please make check payable to: Rutgers University
Web: 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 or money order).
Refunds - You may withdraw from this course with a full refund (minus a 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.

NOTE: Unless otherwise specified, continental breakfast and lunch are included in your registration fee(s). Textbooks are not included. You may obtain copies on your own, or through our office with your registration.

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