

# Agenda

### Site Remediation Law

L. Schnapf

Site remediation under the Resource Conservation and Recovery Act (RCRA)

- Hazardous and non-hazardous wastes
- RCRA clean-up program

Site remediation under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

- Designating a Superfund site
- Remediation under Superfund

New York City Office of Environmental Remediation

New York State Department of Environmental Conservation

### Assessing the Site and Identifying Contaminants

J. Rigano

Identify an environmental consultant

Performing a phase 1 site assessment

Scope of subsurface investigation

Perform investigation, project remedial costs and address regulatory involvement

### Remediation Technologies and Processes

W. Canavan

S. Verdibello

Biological treatments

Physico-chemical treatments

Thermal treatments

Other treatments

### Planning and Implementing Site Remediation Strategies

J. Murphy

Differences in Federal and New York State Practice when remediating sites

Benefits of and challenges with formation and operation of joint defense groups and PRP groups

NYSDEC enforcement options in connection with remedial work

Maximizing value and use of environmental consultants

Properly documenting the administrative record on technical issues and disputes

## Site Remediation: Law and Techniques

White Plains, NY - Wednesday, May 8, 2019

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## Learning Objectives

### You'll be able to:

**Understand** the site remediation process under the Resource Conservation and Recovery Act (RCRA) and the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

**Get** tips on working with the New York City Office of Environmental Remediation and the New York State Department of Environmental Conservation.

**Learn** about phase 1 site assessments and discuss the scope of subsurface investigations.

**Review** remediation technologies, including biological treatments, physico-chemical treatments and thermal treatments.

**Maximize** the value and use of environmental consultants.



# Site Remediation: Law and Techniques

White Plains, NY - Wednesday, May 8, 2019



**Review** site remediation process under RCRA and CERCLA

**Get** tips on working with New York City and State environmental regulators

**Learn** how to assess the site and identify contaminants

**Evaluate** remediation technologies such as physico-chemical, biological and thermal treatments

**Plan** and implement site remediation strategies

### Continuing Education Credits

#### Professional Engineers

6.0 Continuing Ed. Hours

#### Contractors

Non-Credit Continuing Ed.

#### Architects

6.0 HSW Continuing Ed. Hours

6.0 AIA HSW Learning Units



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# Faculty

**Larry Schnapf** is an environmental attorney based in New York City and New Jersey with over 30 years of national environmental transactional experience and is the principal of Schnapf LLC. With this background and his geology training, Mr. Schnapf is uniquely qualified to handle the legal and technical issues commonly encountered with environmental issues. Mr. Schnapf primarily concentrates on environmental risks associated with corporate, real estate and brownfield transactions; commercial financing including asset-based lending, syndicated loans, mezzanine loans and distressed debt; bankruptcy, workouts and corporate restructuring. He has extensive experience with brownfield redevelopment and financing, including representing affordable housing developers and assisting local development corporations or not-for-profit organizations with their brownfield planning programs. Mr. Schnapf also counsels clients on environmental issues and represents clients in federal and state environmental litigation, enforcement actions, administrative proceedings and private cost recovery actions.

**James Rigano** has concentrated his practice exclusively in environmental law for more than two decades. He has served in the Enforcement Division of the United States Environmental Protection Agency, where he was involved in a variety of water pollution control programs and was environmental counsel to the New York Power Authority. Mr. Rigano has extensive experience in subsurface contamination and solid waste issues and has represented clients in numerous matters before environmental regulatory agencies. He has negotiated the environmental issues in numerous transactions and has handled a broad range of cases involving wetlands, open space, and air pollution issues, and he has litigated cost recovery actions. Mr. Rigano has had extensive experience with subsurface soil gas issues. He has extensive experience with environmental issues in brownfield development projects. Mr. Rigano has negotiated technical and environmental issues and has addressed a host of complex regulatory concerns in the redevelopment of contaminated property. As environmental counsel for the New York Power Authority, he was involved in the permitting and environmental issues associated with hydroelectric facilities and major transmission lines.

**William Canavan**  
Subsequent to 10 years as a hydrogeologist and a senior hydrogeologist at two environmental consulting companies in Connecticut and New York, Mr. Canavan founded HydroEnvironmental Solutions, Inc. (HES) in 1998 and has been providing expert environmental and hydrogeological consulting services since. Located in Somers, New York, HES is dedicated to providing investigatory, advisory and remediation services to public and private organizations as well as to government agencies on concerns related to hydrogeology, environmental engineering, and the environment. HES maintains excellent working relationships with clients and has undertaken thousands of projects in

New York, New Jersey, Connecticut, Vermont, and New Hampshire. Mr. Canavan graduated Franklin & Marshall College in Lancaster, Pennsylvania in 1986 with a B.A. degree in Geology. He received his master's degree in Geology at Southern Illinois University in Carbondale, Illinois. Mr. Canavan is a licensed professional geologist in New York and New Hampshire and a licensed site remediation professional (LSRP) in the state of New Jersey. In addition, Mr. Canavan is a certified Asbestos Inspector/Consultant in New York and Connecticut as well as a member of the AIPG, LSRPA and NGWA.

**Steven Verdibello** – Mr. Verdibello joined HydroEnvironmental Solutions, Inc. (HES) in 2012 and has been involved with environmental and hydrogeological consulting since. Located in Somers, New York, HES is dedicated to providing investigatory, advisory and remediation services to public and private organizations as well as government agencies on concerns related to hydrogeology, construction dewatering and associated permitting and the environment. Mr. Verdibello has undertaken hundreds of projects in New York, New Jersey, Connecticut and New Hampshire and maintains excellent working relationships with clients and government regulatory agencies. Mr. Verdibello graduated The Ohio State University in Columbus, Ohio in 2010 with a B.S. in Geology. He received his Master's degree in Geology at Wright State University in Dayton, Ohio in 2012. Mr. Verdibello is a licensed Professional Geologist in New York and is a certified Asbestos Inspector/Consultant in New York and Connecticut as well as a member of the AIPG and NGWA.

**Jonathan Murphy** is a partner with the White Plains law firm Bleakley Platt & Schmidt, and he is chair of the firm's construction law practice and co-chair of its environmental law practice. Mr. Murphy is an experienced trial attorney who has successfully obtained favorable jury verdicts in complex, high exposure cases. He is also a skilled advisor to clients on construction and environmental matters. Mr. Murphy's clients include multinational manufacturers, construction companies, subcontractors, owners, developers, architects, engineers, major oil companies, local petroleum vendors, UST manufacturers, chemical distributors, dry cleaning companies, and other trades and businesses. He represents construction clients (owners, general contractors, subcontractors and design professionals), both as claimants and respondents, in litigation, at trial, and in arbitrations. Mr. Murphy also drafts and negotiates contracts for clients involved in private and government projects and provides legal guidance throughout a project's life. He handles environmental matters for both corporate and insurance clients, in litigated claims as well as direct administrative agency proceedings with federal, state, county and local environmental agencies. Mr. Murphy counsels clients on environmental risks, enforcement implications and regulatory requirements in a variety of business and transactional settings. His substantive areas of practice include CERCLA/RCRA, TSCA, CWA, New York's Navigation Law, and other environmental and regulatory enforcement exposures presented by federal, state and local environmental regulations. He is a graduate of Hobart College and Brooklyn Law School.

## Seminar Information

**Crowne Plaza White Plains**  
66 Hale Avenue  
White Plains, NY 10601  
(914) 682-0050

**Tuition**  
\$289 for individual registration  
\$269 for three or more registrants from the same company at the same time.  
**Included with your registration:** Complimentary continental breakfast and printed seminar manual.

Registration  
8:00 - 8:30 am  
Morning Session  
8:30 - 11:30 am  
Lunch (On your own)  
11:30 am - 12:30 pm  
Afternoon Session  
12:30 - 4:00 pm

**How to Register**

- Visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-590

**Cancellations:** Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar. You may also send another person to take your place.

### Continuing Education Credit Information

This seminar is open to the public and offers up to 6.0 continuing education hours to professional engineers and 6.0 HSW continuing education hours to architects in most states, including New York and New Jersey.

HalfMoon Education is an approved continuing education provider for New York engineers (NYSED Sponsor No. 35) and New Jersey engineers (Approval No. 24GP00000700). HalfMoon Education is deemed a New York-approved continuing education provider for architects via its affiliation with the American Institute of Architects.

This event is approved by the American Institute of Architects for 6.0 HSW Learning Units (Sponsor No. J885). Courses approved by the AIA qualify for New Jersey architects. Only full attendance can be reported to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, North Carolina, and North Dakota.

This event offers a non-credit continuing education opportunity to construction contractors. It has not been approved by any state with a continuing education requirement for contractors.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

# Registration

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White Plains, NY - Wednesday, May 8, 2019

| How to Register                                                                          |              | Registrant Information                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Online:</b><br><a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a> |              | Name: _____<br>Company/Firm: _____<br>Address: _____<br>City: _____ State: _____ Zip _____<br>Occupation: _____<br>Email: _____<br>Phone: _____                                                                                                                                                                                                                                                                                |
| <b>Phone:</b><br>715-835-5900                                                            |              |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Fax:</b><br>715-835-6066                                                              | <b>Code:</b> | <b>Additional Registrants:</b><br>Name: _____<br>Occupation: _____<br>Email: _____<br>Phone: _____<br><br>Name: _____<br>Occupation: _____<br>Email: _____<br>Phone: _____<br><br><small>Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.</small><br>( )  I need special accommodations. Please contact me. |
| <b>Mail:</b><br>HalfMoon Education Inc.,<br>PO Box 278, Altoona, WI<br>54720-0278        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Complete the entire form.</b> Attach duplicates if necessary.                         |              |                                                                                                                                                                                                                                                                                                                                                                                                                                |

### Tuition

( ) **I will be attending the live seminar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

**Checks:** Make payable to HalfMoon Education Inc.  
**Credit Card:** *Mastercard, Visa, American Express, or Discover*

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