

**Horizontal Remediation Wells for Improved Site Cleanup  
Training Workshop Schedule for 2017**

*Houston, TX - February 7, 2017*

*Irvine, CA - February 14, 2017*

*Denver, CO - April 25, 2017*

*Minneapolis, MN - May 9, 2017*

CA, CT, FL, MA, NH, NJ, NY  
Continuing Education Approved

Register online at  
[www.directionaltech.com](http://www.directionaltech.com)  
or contact Amanda Reaves at  
(877) 788-4479 or  
[amanda@directionaltech.com](mailto:amanda@directionaltech.com)  
to reserve a seat.  
Seating is limited.

Would you like additional  
information on Horizontal  
Remediation Wells?

Click on the links below for case  
studies on various applications  
and topics:

[First horizontally drilled Electrical  
Resistance Heating System!](#)

[Horizontal Wells allow Rapid Clean  
up of R&D Facility Gasoline  
Release](#)

[Radial Horizontal Well System  
Targets Specific LNAPL Viscosities  
in Multiple Product Plume](#)

Directional Technologies, Inc., the global leader in Horizontal Remediation Well (HRW) technologies and Horizontal Directional Drilling (HDD), is hosting training workshops in 2017. HRW technology has improved significantly over the past five years. The training workshops will discuss improvements in Horizontal Directional Drilling technology and how this technology can be applied to improve site cleanup using existing technologies and newer remedial technologies.

**Preliminary Agenda**

8:30-9:00	Registration
9:00- 9:30	Introduction to Horizontal Remediation Wells (HRW)
9:30-10:00	Site Considerations when Using Horizontal versus Vertical Wells
10:00- 10:30	Blind vs Continuous- Horizontal Remediation Wells
10:30-10:45	Break
10:45-11:15	Soil-Vapor Extraction and Air Sparge Systems using HRW
10:15-11:45	Vapor Mitigation Systems Using Horizontal Wells
11:45-12:00	Panel Discussion
12:00-12:30	Lunch
12:30-1:15	A Discussion on Drilling Fluids
1:15-1:45	Conquering a Busy Intersection to Install HRWs and Protect Indoor Air
1:45-2:45	In-Situ Chemical Oxidation
2:45-3:00	Panel Discussion
3:00-3:15	Break
3:15-4:15	Adding Value to Your Client Program with HRW
4:15-5:00	Designing and Costing a Horizontal Well Project
5:00-5:30	Panel Discussion
5:30-7:00	Drinks, Appetizers and Networking

**Instructors**

**Mr. Michael Sequino**, Co-Owner and Principal Engineer at Directional Technologies. He began his career drilling in the oil fields of the Gulf of Mexico and the North Sea. His technical training and experience provided him with an excellent foundation in the practical knowledge of geology and formations. As principal engineer, Mr. Sequino is responsible for providing each client with site specific, cost-efficient, premium quality, horizontal well systems. He provides design support consulting and construction review to engineering firms and consultants as well as site supervision for complex installations. He has over 29 years of experience in directional drilling and has installed over a 1,000 horizontal wells for the private sector and at Federal Superfund sites. Mike is familiar with all phases of the regulatory process.

[Horizontally Drilled Well Screens  
Solve Subslab Problems](#)

[Directional Technologies, Inc.  
conducts unique horizontal  
remediation well installation in  
Railroad Yard](#)

[Horizontal Air Sparge Wells Solve  
Access Limitations Beneath Air  
Field Tarmac](#)

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Conferences and Symposium  
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**Kevin Martin, CHMM** has over 31 years of experience in the environmental investigation and remediation field. He has extensive experience in project management for RCRA and CERCLA sites, as well as for major petroleum companies including service stations, distribution terminals, pipelines, and refineries in the US and overseas. He has been involved in numerous release emergencies, supervised the initial responses and developed emergency interim measures to protect surface waters, subway systems, residential and commercial properties. His expertise involves site assessment, remediation feasibility testing, system design, system installation supervision, in-situ testing, and system rehabilitation. He has designed and operated horizontal wells at remediation sites for air sparging, bio-sparging, vapor extraction, total phase extraction, and chemical oxidation during the past 20 years. Expertise also includes equipment specification for horizontal wells of all types.

**Mr. Glenn Nicholas Iosue, P.E.**, has nearly 20 years of experience in environmental consulting. He holds a B.S. in Bioenvironmental Engineering from Rutgers University, LEED certification, and Professional Engineer licenses in multiple states. He has significant experience in developing effective technical solutions for Fortune 500 companies and government agencies. Mr. Iosue has led complex investigations and cleanup programs as well as designed and enhanced numerous treatment systems. This has included in-situ chemical oxidation, air sparging, bioremediation, soil vapor extraction, and other innovative approaches. He has designed and installed horizontal wells to recover NAPL, collect gas, and remediate challenging sites. His areas of technical expertise include remedial treatment systems, Superfund site management, feasibility studies, vapor mitigation, permitting of industrial and commercial facilities and groundwater remediations. Mr. Iosue has been involved with numerous projects for both active and abandoned facilities and installations. He has a thorough background in directing and assisting multiple disciplinary teams in complex assignments throughout the United States.

**Seth Croy** is a Project Manager and the Southeast Business Development Manager for Directional Technologies. Holding a Bachelor's of Science in Business Management from the University of Florida, Seth began his career as an Officer in the United States Navy before moving on as a Drilling Fluids Engineer in the Oil & Gas industry. Though being business minded, Seth is very technically adept, completing the Navy's Nuclear Power School and Schlumberger's Drilling Fluids, Environmental Solutions, and Deepwater Schools, as well as obtaining a certification in Integrated Fluids Engineering. While working in the oilfields, he gained hands on experience working with a wide array of drilling and completion fluids, both on land and offshore. Although a relative newcomer to the environmental sector, Seth has already been invited to present our remediation technologies at several environmental conferences.