

AIPG OHIO SECTION 2017 VAPOR INTRUSION SHORT COURSE



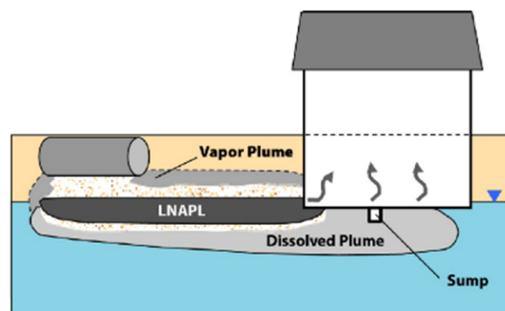
October 24 and 25, 2017

ODNR H.R. Collins Core Laboratory Conference Room, Delaware, Ohio

The AIPG Ohio Section is pleased to announce an upcoming Vapor Intrusion Short Course. Vapor intrusion (VI) is the migration of undesirable chemical components into indoor airspace. Vapor intrusion into buildings is one of the primary routes of human exposure to volatile organic compounds released to the subsurface. This short course will cover VI aspects including the physical processes governing subsurface vapor transport and entry into buildings, VI assessment, monitoring and mitigation strategies, VI risk analysis, legal aspects, case studies and field demonstrations.

TOPICS OF DISCUSSION

- History of Chlorinated Solvents & Soil-gas Sampling
- Regulatory Framework
- Vapor Sources
- Subsurface Sampling
- Predicting Vapor Intrusion To Indoor Air
- Measuring Indoor Air Samples
- Data Interpretation
- Exposure/Receptor Types
- Mitigation Approaches
- Post-Mitigation Sampling & Long-Term Monitoring
- Case Studies
- Community Involvement
- Legal Liability & Obligations



SPEAKERS

MORT SCHMIDT – COX-COLVIN & ASSOCIATES, INC.

Mr. Schmidt has 35 years of experience as a professional geologist in the United States and overseas and is experienced in a diverse range of geological settings, specializing in vapor intrusion pathway evaluations. Mort Schmidt received his B.S. and M.S. degrees in Geology from the Ohio State University. He served for nine years as an exploration geologist for Shell Oil in the Williston Basin, the Amazon Basin, Trinidad, Gabon, and the U.S. Gulf Coast. In the past twenty-six years, Mr. Schmidt served two years as a radon investigator for the Ohio EPA, and for twenty-four years as an environmental consultant. Mort is currently Practice Leader for vapor intrusion for Cox-Colvin, & Associates in Plain City, Ohio. As Cox-Colvin's Vapor Intrusion Practice Leader, Mr. Schmidt oversees and advises project personnel on the investigation of vapor intrusion and its potential effect on indoor air. He has made presentations and taught classes on vapor intrusion at conferences including the AWMA, the Ohio Brownfields Conference, the West Virginia Brownfields Conference, and the AIPG National Meeting. Mort has served or is serving on the American Association of Radon Scientists and Technologists (AARST) board to revise radon measurement standards in multifamily buildings, and on the American Society for Testing and Materials (ASTM) committee to develop the standard for Long-Term Monitoring (LTM) of vapor-mitigation systems. Prior to his work in geology, Mr. Schmidt served in the US Army repairing cryptographic (code) equipment.

CRAIG A. COX - COX-COLVIN & ASSOCIATES, INC.

Mr. Cox is a principal and co-founder of Cox-Colvin & Associates. Much of Mr. Cox's experience involves the direction of major environmental investigation and remediation projects conducted under CERCLA, RCRA, and state voluntary programs. Mr. Cox is instrumental in providing technical oversight to project teams, assisting in the development of investigation and remediation strategies, assessment and evaluation of hydrogeologic information, as well as the development and implementation of project management strategies.

Mr. Cox has successfully proposed, negotiated, and implemented hydrogeologic investigations and remedial actions at a variety of sites in US EPA Regions III, V and VII. His experience includes sites affected by VOCs, SVOCs, DNAPLs, LNAPLs, metals, and petroleum products. Throughout his career, Mr. Cox has consistently supplied clients with technically-sound, cost-effective solutions to their environmental needs.

In addition to work as a hydrogeologist, Mr. Cox has also developed a variety of software products for the environmental field including Data Inspector, an internet-based database application used to manage, retrieve, evaluate, and present all forms of environmental project-related data. He also designed and patented the Vapor Pin, as sub-slab soil gas sampling device used in vapor intrusion studies.

CARRIE RASIK – OHIO EPA

SCOTT DORAN - KEGLER, BROWN, HILL & RITTER

Scott joined Kegler Brown in 2013 and has more than 25 years of experience assisting individuals, small businesses and industry clients in managing federal, state and local environmental, facility siting and natural resource utilization issues. This experience provides a strong foundation for offering effective short-term and long-term strategic advice and perspective.

ENVIRONMENTAL LAW

Scott has assisted clients with the resolution of federal and state environmental enforcement actions, governmental and private-party cost recovery actions, toxic tort claims and citizen suits. He has facilitated state and federal permitting associated with industrial, commercial and residential site development, oil and gas production and transmission, and natural resource mitigation banking. Scott is active in a number of industry associations and regularly contributes to industry-wide efforts to achieve cost-effective and predictable state and federal rulemaking.

PRACTICE AREAS

- Energy + Environment
- Government Affairs
- Litigation
- Real Estate

TONY MCDONALD A-Z SOLUTIONS, INC. VP OF OPERATIONS

Tony is a founding member of A-Z Solutions, Inc. He has over 20 years of leadership experience in the design and installation of radon and vapor intrusion mitigation systems, totaling approximately 10,000 combined commercial and residential properties. As Vice President of Operations and Senior Project Manager, Tony personally inspects all sub-slab depressurization system installations to ensure every component meets rigorous quality and safety standards. Tony is a graduate of Mount Union University in Alliance, Ohio and currently sits on the American Association of Radon Scientist and Technologist (AARST) national board of directors.

COST

- AIPG Members: \$250 for registration before August 31, 2017, \$300 for September 1, 2017 or later.
- Non-Members: \$300 before August 31, \$350 for September 1 or later.

For additional information and registration please go to:

<https://www.aipg-ohio.org/payment.php>

This conference was developed by:

