

# Special Invitation



## You are invited to a complimentary professional development seminar entitled: VAPOR INTRUSION

### REGULATIONS, MONITORING, MANAGEMENT AND MITIGATION

This event will provide the participants with a broad perspective on vapor intrusion issues as seen from a range of different parties including: a regulatory agency, an expert industry professional, a large corporation, seasoned consultant and vapor barrier technology provider.

Ohio EPA's Voluntary Action Program (VAP) will award 5 (five) PDHUs to VAP Certified Professionals who attend this training. Ohio EPA staff have had significant involvement in developing this course to ensure that it is consistent with the vapor intrusion investigation and assessment guidance the Agency is currently developing.

#### DATES, TIMES, LOCATIONS

**JANUARY 14, 2009 from 10:00 am to 3:00 pm**

**A complimentary lunch will be served**

**HYATT REGENCY COLUMBUS • 350 North High St., Columbus, OHIO 43215**

#### DETAILED PROGRAM

##### 10:00 TO 10:10 – INTRODUCTION, OPENING COMMENTS

##### 10:10 TO 11:00 – GAVIN ARMSTRONG - OHIO EPA

- Current OEPA viewpoint of vapor intrusion
- Current status of vapor intrusion committee
- Challenges moving forward

##### 11:00 TO 12:00 – BLAYNE HARTMAN - VAPOR INTRUSION & SOIL GAS EXPERT

- Current sampling methods used to collect data
- Best practices
- Data collection methods used in context of ASTM E2600
- The use of data in navigating the regulatory process

##### 12:00 TO 12:40 LUNCH

##### 12:40 TO 1:40 GREG ROSE - CHRYSLER

- How to analyze soil gas data

- The use of modeling, pros and cons
- Challenges between mitigating existing structures and new construction
- How Chrysler balances local regulatory requirements with corporate risk tolerance

##### 1:50 TO 2:30 MATT RUDOLPH - TERRACON

- Implementing risk based site closures
- When do risk based closures make sense
- Mitigation options available
- Challenges to risk based closures
- Case study

##### 2:30 TO 3:00 - PETER GRANT - LAND SCIENCE TECHNOLOGIES & GEO-SEAL™

- Vapor barrier types, advantages and disadvantages
- Advancements in gas vapor barrier technology
- Importance of chemical resistance in vapor barriers
- Geo-Seal™ vapor management system

#### TO REGISTER

Visit <http://www.landsciencetech.com/register.asp>  
or call our seminar coordinator at 949-366-8000



**Land Science Technologies (LST)** will be discussing Geo-Seal™ a patent pending, advanced, composite, vapor barrier technology designed to eliminate potential indoor air quality health risks associated with subsurface contaminant vapor intrusion.

A focal point of LST is the area of Brownfields which offers many opportunities for systematic technology research, development and deployment. LST is dedicated to providing the engineering, environmental and real estate industries with proven, cost-effective and leading edge solutions and environmentally sound technologies for sustainable development. LST is a division of Regenesys, Inc., a global leader in groundwater and soil remediation technologies since 1994.