

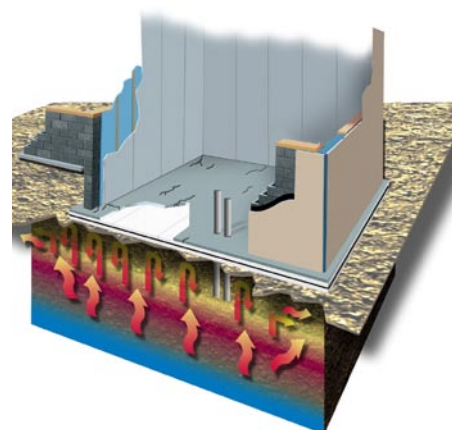
# VAPOR INTRUSION SEMINAR

## *Regulations, Monitoring, Management and Mitigation*

**Date:** Thursday - June 18, 2009

**Time:** 10:00 am to 3:00 pm

**Location:** Hyatt Regency Crown Center  
2345 McGee Street  
Kansas City, MO 64108



10:00 to 10:05 – Introduction, Opening Comments

10:05 to 10:35 – Laura Luther, Missouri DNR

- Current MoDNR viewpoint on vapor intrusion
  - Current status of MoDNR document
  - Challenges moving forward

10:35 to 11:05 – Chris Carey, Kansas DHE

- Current KDHE viewpoint on vapor intrusion
  - How VI is regulated
  - Challenges moving forward

11:05 to 11:25 – Rochelle Cardinale, Iowa DNR

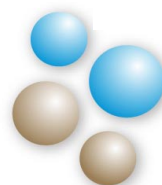
- Current IDNR viewpoint on vapor intrusion
  - How VI is regulated
  - Challenges moving forward

11:25 to 12:15 –Blayne Hartman, Vapor Intrusion and Soil Gas Expert, Hartman Geosciences

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

12:15 to 1:05 - **Break for Lunch – Compliments of Land Science Technologies**

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*Program is continued on next page*

1:05 to 1:50 - Bill Frez, Vapor Intrusion and Risk Assessment Expert, AECOM

- How to analyze soil gas data
  - Using data to navigate the regulatory process
  - Challenges between mitigating existing structures and new construction
  - How to balance local regulatory requirements with risk tolerance

10 min break

2:00 to 2:30 - Matt Rudolph, Terracon

- Implementing risk- based site closures
  - Mitigation options available
  - Challenges to risk- based closures
  - Practical design considerations based on building type
  - Case study

2:30 to 3:00 - Peter Grant, Land Science Technologies

- Advancements in gas vapor barrier technology
  - Geo-Seal™ Vapor Barrier System

**THE SEMINAR AND LUNCH ARE FREE OF CHARGE!**

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