

**FRTR General Meeting**  
**10 November 2009**

**Overall Objectives for the Meeting Regarding Vapor Intrusion:**

1. Improve communication and common understanding of the topic.
2. Share experience and lessons learned in advancing best practices.
3. Outline key issues and develop shared strategies to address them.
4. Develop a “charge” for future FRTR action in VI.

**Co-chairs:**

Arnold Layne, USEPA/OSWER/OSRTI

Elizabeth Southerland, USEPA/OSWER/OSRTI

8:30 – 8:45	<p><b>Welcome/Introduction</b>  <i>Arnold Layne, USEPA/OSWER/OSRTI</i></p>
8:45 – 9:15	<p><b>FRTR Administrative and Business Issues</b>  <i>FRTR member representatives</i></p> <ul style="list-style-type: none"> <li>• FRTR agency announcements (projects/initiatives)</li> <li>• Discuss Ballots for Future Meeting Topics</li> </ul>
9:15 – 9:20	<p><b>Meeting Objectives -- Introduction</b>  <i>Arnold Layne, USEPA/OSWER/OSRTI</i></p>
9:20 – 9:35	<p><b>Meeting Objectives -- Perspectives</b>  <i>Elizabeth Southerland, USEPA/OSWER/OSRTI</i></p>
9:35 – 10:30	<p><b>Vapor Intrusion Topic Introductions</b>            Each Agency will provide a brief 10 minute report on the status of VI activities in their programs.</p> <ul style="list-style-type: none"> <li>• Helen Dawson, USEPA/OSWER/OSRTI</li> <li>• David Carrillo, US Air Force</li> <li>• Kim Brown, NAVFAC</li> <li>• Mark Fisher, USACE</li> <li>• Andrea Leeson, SERDP/ESTCP</li> </ul>
10:30 – 10:45	<p><b>BREAK</b></p>
10:45 – 12:00	<p><b>Vapor Intrusion Tools and Techniques</b>            Moderator: <i>Dan Waddill, NAVFAC Atlantic</i></p> <ul style="list-style-type: none"> <li>• Improved Investigation Methods to Distinguish Vapor Intrusion from Indoor Sources of VOCs  <i>Tom McHugh, GSI Environmental Inc.</i></li> <li>• Development of More Cost-Effective Methods for Long-Term Monitoring of Soil Vapor Intrusion to Indoor Air Using Quantitative Passive Diffusive-Adsorptive Sampling Techniques  <i>Todd McAlary, Geosyntec</i></li> <li>• Detailed Indoor Air Characterization and Interior Source Identification by Portable GC/MS  <i>Kyle Gorder/Jarrold Case, Hill AFB, UT</i></li> </ul>
12:00 – 12:45	<p><b>Working Lunch on Site</b>  <b>Vapor Intrusion Tools and Techniques (Cont.)</b>            Site Investigation Issues  <i>David Mickunas, USEPA</i></p>
12:45 – 1:10	<p><b>Vapor Intrusion Tools and Techniques (Cont.)</b></p> <ul style="list-style-type: none"> <li>• Microfabricated GC for Sub-ppb<sub>v</sub> Determinations of TCE in Vapor Intrusion Applications  <i>Jim Reisinger, Integrated Science and Technology, Inc.</i></li> </ul>

1:10 – 2:25	<p><b>Collection of Ballots</b>  <b>Vapor Intrusion Case Studies and Lessons Learned</b>  Moderator: <i>Kyle Gorder, Hill AFB, UT</i></p> <ul style="list-style-type: none"> <li>• Air Force Strategy for Vapor Intrusion Pathway Evaluation <i>Cornell Long, AFCEE/TDV</i></li> <li>• Vapor Intrusion Pathway: A Practical Guideline <i>John Boyer, State of New Jersey</i></li> <li>• A Navy Vapor Intrusion Case Study: Post-Mitigation <i>Dan Waddill, NAVFAC Atlantic</i></li> </ul>
2:25 – 2:40	<b>BREAK</b>
2:40 – 3:45	<p><b>Vapor Intrusion Case Studies and Lessons Learned (Cont.)</b></p> <ul style="list-style-type: none"> <li>• Lessons from Radon Studies <i>Henry Schuver, USEPA/OSWER/ORCR</i></li> <li>• Group discussion of the presentations and also of vapor intrusion issues <ul style="list-style-type: none"> <li>➤ Cost of site-specific VI investigations versus cost of mitigation implementation</li> <li>➤ Mitigation of commercial buildings</li> <li>➤ Indoor air monitoring after VI mitigation system installation</li> <li>➤ Vapor intrusion risk assessment considerations</li> </ul> </li> </ul>
3:45 – 4:15	<p><b>Definition of Action Items and Follow-up for Vapor Intrusion Subgroup</b>  <b>Discussion Ballot Results</b></p>
4:15 – 4:30	<b>Wrap-up</b>
4:30	<b>ADJOURN</b>