

**Vapor Intrusion Subcommittee of the Cleanup Standards Scientific Advisory Board
Meeting Minutes September 16, 2004**

The Vapor Intrusion Subcommittee held a conference call on Thursday September 16, 2004 at 9:00 a.m. in the Rachael Carson State Office Building (PADEP) in Harrisburg. The following subcommittee members that were present for the conference call:

Annette Guiseppi-Elie	Dupont
Charles Campbell	Science Applications International Corporation
Kevin Reinert	Rohm and Haas Company
William Deibelbis	Penn State University
Ted Loy	DEP
John Twardowski	DEP- NCRO
Sam Fang	DEP - NCRO
Randy Roush	DEP
Dave Hess	DEP
Bruce Fishman	RBR Consulting Inc.

Seasonality/sampling timing items and finalizing white paper that was submitted to the subcommittee entitled, "Seasonal Considerations for Collecting Indoor Air and Soil Gas Samples"

* Chuck Campbell will finalize and add seasonality/sampling timing items to the white paper that was submitted to the subcommittee entitled, "*Seasonal Considerations for Collecting Indoor Air and Soil Gas Samples*" for members to review and consider for additional guidance.

Modeling results for 5-10 compounds when the vapor source is less than 5 feet vertically from basement floor & De Minimis Levels

Sam Fang developed the de minimis levels for 9 compounds when the vapor source is less than 5 feet vertically from basement floor. The approach was conservative using Henry's Law equation for the groundwater and the J&E model for soil. The subcommittee members agreed that the approach was reasonable. It was agreed to by subcommittee members not to generate de minimis numbers or another table in the guidance. However, it would be advisable to discuss the issue in the text of the

guidance with respect to Sam's modeling approach.

* Sam is to write up a text description as to the modeling approach that was taken for soil and groundwater and will be submitted to subcommittee members for review and comment.

Additional language for VI guidance on the use of the J&E model when contamination that is less than 5 feet from the basement floor

Draft language was provided to the subcommittee members for review and comment. It was agreed to that the language is acceptable under the SHS approach with the additions as described above.

PQLs/RLs- Appendix A

Appendix A of the guidance has been revised with respect to Reporting Limits (RLs). RLs and PQLs are one in the same and will be reflected in the new revised Appendix A with the new language (provided by Jim Shaw) to appear as a footnote.

The new Appendix A was accepted by the subcommittee members.

The call ended at 10:18 AM

Kevin will prepare a summary of the VI subcommittee findings and recommendations and present a verbal status report at the CSSAB meeting scheduled for Sept. 24th, 2004.

* - Denotes Action Item

R. Roush
27 September 04