

Property and Building Vapor Encroachment & Vapor Intrusion Expertise

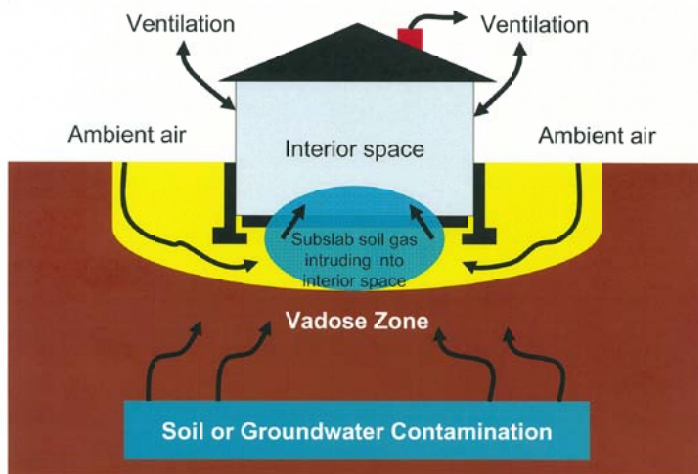
What is vapor intrusion?

- Vapor intrusion is the process where vapors from contamination enter a building or other structure, as illustrated below.

Contaminant vapors move through the soil and seep through cracks in basements, foundations, sewer lines and other openings. Vapor intrusion is a concern because vapors can build up to a point where the health of residents or workers in those buildings could be at risk.

How this affects your project?

- Per ASTM E1527-13, Phase I ESAs must consider the Vapor Intrusion Pathway.
- The Indoor Inhalation Pathway must be addressed prior to receiving an IEPA NFR letter.
- Lenders may reject property/construction loan for Sites at which the vapor pathway has not been addressed.
- Contaminant Vapor Intrusion can lead to "Sick Building Syndrome."



Vapor Pathway into Buildings



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