

Potential for vapor intrusion based on the presence of VOCs, site history, and odors?

NO



YES

Evaluate presumptive mitigation options versus proceeding with site-screening

Phase 1: Data Collection

NO


Sufficient Data for Site Screening?

NO

Proceed directly to mitigation?

YES

Site-Screening: Compare site-specific groundwater and soil data to VI screening levels.



Vapor Intrusion (VI) Assessment Process
DRAFT PROPOSAL

Exceeds Screening Levels?

NO



YES

Evaluate presumptive mitigation options versus proceeding with soil gas evaluation

NO

Sufficient Soil Gas Data for Evaluation?

NO

Proceed directly to mitigation?

YES

Phase 2: Collect Sufficient Soil Gas Data

YES

Soil Gas Evaluation: Demonstrate compliance with SGC

Unacceptable Risk?

NO



YES

Evaluate presumptive mitigation options versus proceeding with site-specific evaluation

NO

Proceed directly to mitigation?

YES

Implement Presumptive Mitigation or Remediation



Site-Specific Evaluation

- Site-Specific Attenuation Coefficient
- EPA's Online J&E Calculator
- Other Lines of Evidence

Unacceptable Risk?

YES