SsI Site Screening Evaluation

Are volatile CERCLA-hazardous substances, pollutants or contaminants documented or suspected to be present in indoor air or in the subsurface at a depth of ≤ 100' bgs (e.g., in groundwater, subsurface soil, soil gas, or air samples collected in a crawl space)?

NO → Unless additional information is available that indicates an SsI threat may exist, SsI is unlikely to be a concern at this site.

YES

Is the approximate extent of the subsurface contamination known/delineated?

NO → Collection of additional data (e.g., passive soil gas, shallow groundwater samples) may be warranted to determine the approximate extent of subsurface contamination and whether the potential SsI threat warrants further investigation.

YES

Are there regularly occupied structures overlying or near the subsurface contamination?

NO → Not likely to be an HRS SsI component-eligible site due to lack of targets.

YES

Is there evidence of vapor intrusion/groundwater intrusion from the subsurface occurring in overlying or nearby regularly occupied structures (e.g., documented presence in indoor samples)?

NO → Collection of additional data (e.g., indoor air samples) may be warranted to determine whether the potential SsI threat warrants further investigation. Based on the presence of subsurface contamination and regularly occupied structures SsI may be a concern at this site.

YES

SsI is likely a concern at this site. Consider further evaluation of the potential SsI threat at this site.

**This document serves as guidelines for employees of the U.S. Environmental Protection Agency (EPA), states and other government agencies and does not constitute EPA rulemaking or policy. EPA officials may decide to follow these, or to act at variance with them, based on site-specific circumstances.*