

**ARCHIVE:** Archived due to the 2009 rule revision. Refer to VA30009.09.004 for the updated document.

**TITLE:** Demonstration of Compliance with Applicable Standards and Response Requirements for Sediments When Contamination Is Attributable Entirely to Off-property Sources.

**DATE EFFECTIVE:** August 2002

**HISTORY:** New addition to Technical Guidance Compendium

**KEYWORDS:** Sediment assessment, human health risk assessment, remedial activities, applicable standards

**RULE/ AUTHORITY:** Ohio Administrative Code (OAC) 3745-300-09(F)(2)(a) and (F)(4)

**QUESTION:** How does a volunteer demonstrate compliance with applicable standards for sediments when the contamination in sediments is attributable entirely to sources located off the property?

**ANSWER:** The volunteer must complete a human health property-specific risk assessment. OAC 3745-300-09(F)(2)(a) requires the volunteer to evaluate sediments and conduct a human health property-specific risk assessment for complete exposure pathways to sediments in accordance with OAC 3745-300-09(D). If the human health property-specific risk assessment determines that applicable standards are not met, OAC 3745-300-15(A) directs the volunteer to implement a remedy for the sediments.

OAC 3745-300-09(F)(4) does not require a volunteer to implement a remedy if the volunteer demonstrates that hazardous substances or petroleum on the property are not contributing to the failure of the on-property sediments to meet applicable standards. However, the provisions of OAC 3745-300-09(F)(4) apply only to those standards set forth in OAC 3745-300-09(F)(3), which are applicable standards for ecological receptors. OAC 3745-300-09(F)(3) does not address complete exposure pathways to humans. Therefore, human exposures to chemicals of concern in sediments must be included in a human health property-specific risk assessment and a remedy must be implemented if the applicable standards for human health are not met, regardless of the origin of the source.

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