



OFFICE OF LAND AND EMERGENCY MANAGEMENT

WASHINGTON, D.C. 20460

November 15, 2024

MEMORANDUM

SUBJECT: Recommendations For Sieving Solid Media Samples At Superfund Sites For Assessment of Incidental Ingestion Exposure in Human Health Risk Assessment

FROM: Jennifer Hovis, Acting Director
Assessment and Remediation Division
Office of Superfund Remediation and Technology Innovation

TO: Superfund Program Managers, Regions 1 - 10

The purpose of this memorandum is to provide a technical basis for recommending specific particle size fractions for analysis of select contaminants in solid media for human health risk assessment from the Office of Land and Emergency Management (OLEM).

This recommendation is based on OLEM's Human Health Regional Risk Assessors Forum's evaluation of and extension of the Technical Review Workgroup for Metals and Asbestos (TRW) lead committee's recommendation (U.S. EPA, 2016¹) to all sites where contaminants in solid media (soil, sediment or dust) may be contacted by human receptors and exposure includes incidental ingestion.

Please contact Michele Burgess at Burgess.Michele@epa.gov or Kelly O'Neal at ONeal.Kelly@epa.gov if you have any questions.

Attachments:

1. "Recommendations for Sieving Solid Media Samples At Superfund Sites for Assessment of Incidental Ingestion Exposure in Human Health Risk Assessment"

cc: Barry Breen, OLEM

¹ U.S. Environmental Protection Agency (U.S. EPA). 2016. Recommendations for Sieving Soil and Dust Samples at Lead Sites for Assessment of Incidental Ingestion. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response: Washington, DC. OLEM Dir #9200.1-128. July. Available online at: <https://semspub.epa.gov/src/document/HQ/100000133>

Larry Douchand, OSRTI
Gregory Gervais, FFRRO
Shahid Mahmud, OMDP
Mark Barolo, OUST
Lynda Kasonde, OEM
Carolyn Hoskinson, ORCR
Brian Thompson, OBLR