



ENVIRONMENTAL LEAD SAMPLING GUIDE

The following field sampling guide is designed for use as a reference for the field sampling consultant. It summarizes procedures and techniques for the sampling of lead in soil, paint, air and wipes as they impact the analytical procedures.

For additional information on field sampling equipment, field health and safety, certain regulatory requirements for field sampling, sampling strategies and data interpretation, refer to the appropriate documented methodology and/or regulatory agency.

Matrix	Method	Collection Type	Recommended Volume	Preservation	Blanks	Comments
Soil	SW 846-7420	Jar, heavy mil zip lock bag	300gms. (approx 1 cup)	NA	NA	
Paint	SW 846-7420	Heavy mil zip lock bag	Minimum 0.05gms. (approx. 2 square inches)	NA		Non-LBP in the general vicinity of the sampling
Wipe	SW 846-7420	Sampling wipes meeting ASTM standard E1792.	1 ft ² total area sampled	NA		Same type wipe as used in sampling Under the AIHA Program the lab must report data for each individual sample as submitted. Reporting Composite results are not acceptable. The final report will include a disclaimer if samples are submitted on non-ASTM wipes.
Air	NIOSH 7082	.8 micron cellulose ester filter	200 – 1200 liters @ flow rate 1-4 L/min	NA		Unsampled cassette

