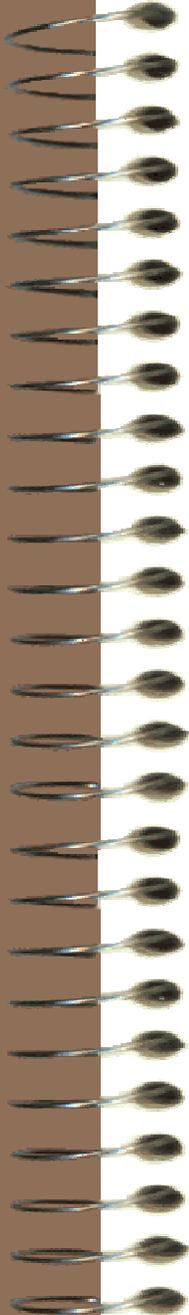


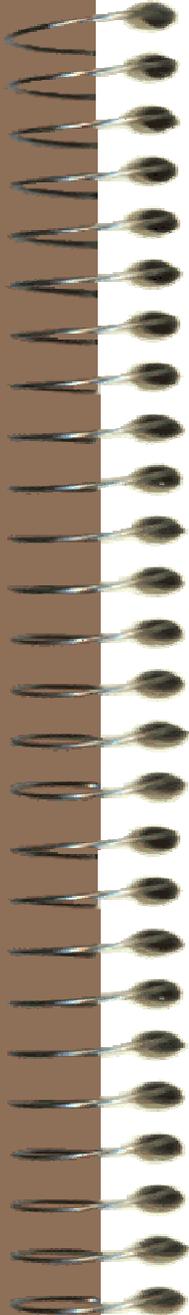
Objectives

- Health effects of lead exposure
- Conditions that cause lead poisoning
- Purpose of lead sampling
- The difference between:
 - ✓ Lead sampling technician (LST)
 - ✓ Risk assessor (RA)
 - ✓ Lead paint inspector (PI)



Health Effects of Lead

- Lead is especially hazardous to children:
 - ✓ Loss of intelligence
 - ✓ Behavioral difficulties
 - ✓ Problems in school
- Lead is also a danger to:
 - ✓ Pregnant women
 - ✓ Other adults
- Lead poisoning does not always have symptoms.

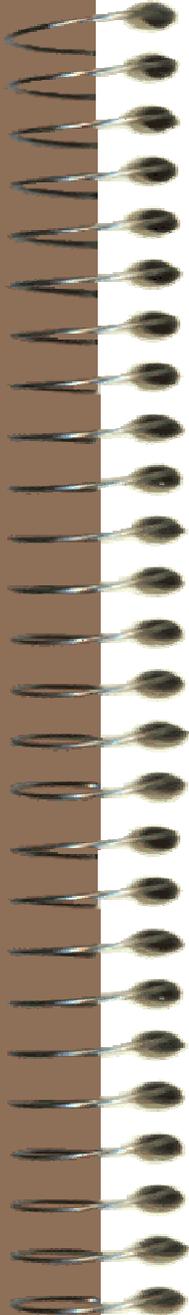


How Do People Get Lead Poisoned?

- **Dust and soil**
- **Paint chips**
- **Inhalation**

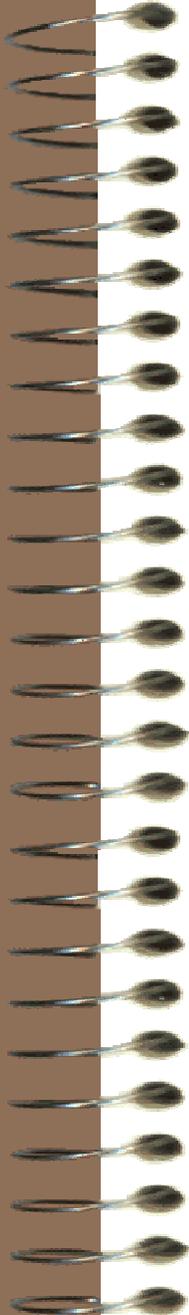
What Conditions Cause Poisoning?

- Lead-based paint:
 - ✓ 1 mg/cm² of lead
 - ✓ 0.5% [5,000 parts per million (ppm)]
- Exposure from:
 - ✓ Lead-contaminated dust
 - ✓ Deteriorated paint
 - ✓ Lead-contaminated soil



Where are Hazardous Conditions Found?

- Pre-1978 units
- Units renovated or remodeled
- Units in poor condition
- Units with exterior lead-contaminated soil



A Lead Sampling Technician is...

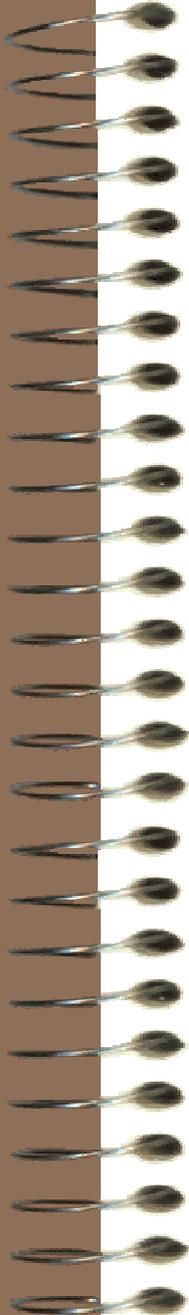
- A lead sampling technician has successfully completed training to:
 - ✓ perform a visual assessment
 - ✓ collect dust wipe samples

A Lead Sampling Technician can...

- Perform **clearance**:
 - ✓ after renovation and remodeling work
 - ✓ as required by HUD
 - ✓ but not post-abatement
- May also identify dust and deteriorated paint in other situations such as:
 - ✓ pre-sale home inspections or unit turnover
 - ✓ housing with a pregnant woman or a child under 6 years

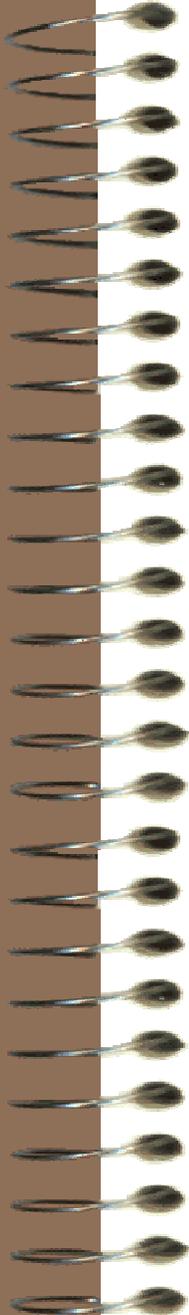
A Lead Sampling Technician is Not...

- A risk assessor:
 - ✓ evaluates dwelling units to identify all potential lead hazards
- A lead paint inspector:
 - ✓ evaluates the painted surfaces in a unit to determine which surfaces have lead-based paint



Why is Lead Sampling Important?

- Lead sampling tells us:
 - ✓ If lead-contaminated dust is present
 - ✓ If additional cleaning is necessary to protect children from lead poisoning



Summary: You Now Know

- The health effects of lead poisoning
- The conditions that cause lead poisoning
- The purpose of lead sampling
- The differences between a lead sampling technician, a risk assessor, and a lead paint inspector

Technician Receiving Call



Gathering Materials



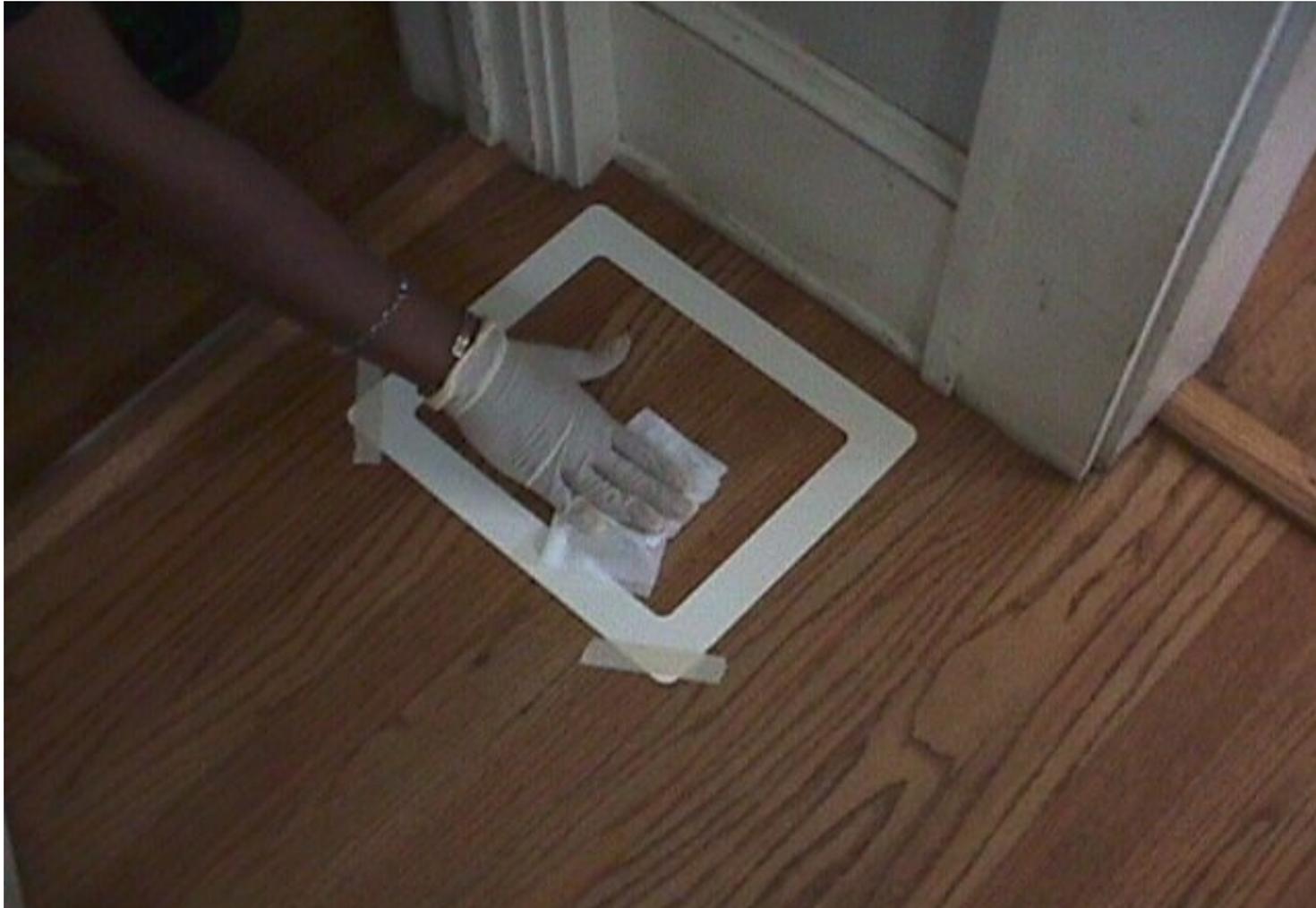
Visual Assessment



Dust sampling (first pass)



Dust sampling (second pass)



Delivering the Report to Client

