Vendor Meeting
EPA Environmental Technology Verification Program
Lead-in-Dust Performance Verification Test

HUD Office of Healthy Homes
and Lead Hazard Control

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Lead Hazard Control Program

- 8 rounds of grant awards to state and local agencies since 1993.
- 117 grants to 112 grantees in 35 states and DC
- Total $552 million awarded
- Approximately 32,500 units treated to date.

Program Goals

- Reduce lead hazards in privately owned, low income housing
- Stimulate development of cost-effective LHC strategies
- Build local professional capacity
- Promote job training and employment for local residents

Environmental Sampling by LHC Grantees

Baseline

- Lead-based paint inspection and/or
- Risk Assessment (dust wipes, soil, paint chips)

Clearance

- Dust-wipe samples collected to ensure habitability of dwelling
- Immediate dust-Pb results could lower program costs by reducing “tenant relocation time” and need to recall contractor for additional cleaning.

Lead Safe Housing Rule (Sections 1012 and 1013 of Title X)

- Requires lead hazard assessment/reduction in federally owned housing and housing receiving federal assistance.
  - Effective Sept 15, 2000, but some localities applied for extensions to effective date (extended to August 2001)
- Clearance testing required following hazard reduction activities
  - Estimated 2.8 million HUD-associated units affected after 5 years.

Recent HUD-Sponsored Research on Field Portable Methods

- NIST

Laboratory evaluation of spot-test kits for detecting Pb in paint (May 2000: NISTIR 6398)

Field-portable ultrasonic extraction/ASV for determining lead in paint (April 2001: NISTIR 6571)

Recent HUD-Sponsored Research on Field Portable Methods

- Competitive grants
  - Use of portable XRF for conducting residential soil-Pb risk assessments (Research Triangle Institute; draft final report)
  - Use of portable XRF for analysis of dust-wipe samples (U. of Cincinnati; completion: 1-2 months)
  - Use of field portable XRF and ASV to reduce clearance failures (U. of Cincinnati: 2002)