

Michigan Department of Community Health

Division of Environmental and Occupational Epidemiology
Lead Hazard Remediation Program
3423 Martin Luther King Jr BLVD Lansing, Michigan 48906 (517) 335-9390

LEAD DUST WIPE COLLECTION PROTOCOL

The following Lead Dust Wipe Collection Protocol is a guide to be used when performing an EBL environmental investigation.

- 1) Draw a site map - include yard, driveway, garage, other important features (i.e., fences, play areas).
- 2) Record general building information such as room colors, painted components, floor coverings and paint conditions.
- 3) Take photographs of the home (recommended). Include exterior (sides A, B, C and D) and interior spaces.
- 4) Take dust wipe samples following EPA or HUD sampling procedures. No visual assessment or sampling is required in areas that are not living spaces AND the child has no access to. Test areas in question if they are accessible to the child and the area is a potential hazard. The following list is a guide for typical areas to be tested:
 - a) Child=s bedroom – 1 floor and 1 window (sill or trough)
 - b) Child=s play area – 1 floor and 1 window (sill or trough)
 - c) Living area – 1 floor and 1 window (sill or trough)
 - d) Kitchen – 1 floor and 1 window (sill or trough)
 - e) Bathroom – 1 floor and 1 window (sill or trough)
 - f) Porch – 1 floor and 1 window (sill or trough)
 - g) Other high traffic areas - 1 floor and 1 window (sill or trough)
 - h) **Any other areas where a child may be exposed**

Take additional dust samples from the nearest horizontal surface adjacent to any component where friction damage has occurred.

Composite dust samples are not permitted.

- 5) Complete the chain of custody forms issued by the Michigan Department of Community Health Bureau of Laboratories (Form#DCH-0558) and send it with the dust wipes to the State Lead Laboratory for analysis.
- 6) After receiving results from the State lab, determine lead contaminated dust hazards:

Floor $\geq 40 \text{ ug/ft}^2$ Window sill $\geq 250 \text{ ug/ft}^2$ Window trough $\geq 400 \text{ ug/ft}^2$
- 7) Place all site specific data such as dust wipe results, site maps and letters in file folder and file for future reference.