

**UNIVERSITY OF VIRGINIA
ENVIRONMENTAL HEALTH AND SAFETY**

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DATE : 2-7-08

BUILDING: Copeley Hill Housing Units

AREA(S) INSPECTED: Interior and Exterior Paints

The Office of Environmental Health and Safety completed a survey for the presence of lead-based paints (LBP) within the Copeley Hill Housing Units in 1997-1998, utilizing an X-Ray Fluorescence (XRF) instrument. The results of the survey showed the presence of lead on the exterior wooden door and window components, metal railings and columns, as well as on the interior ceramic glazing materials. Additional paint chip analyses have shown the back porch wall partitions to contain lead-based paints, as well.

The results for LBP testing of these apartment units are summarized below. A “positive” result means that at least one of the XRF readings of the type of paint in question contained lead above the Housing and Urban Development (HUD) action level and is considered lead-based paint. A “negative” result means that all of the XRF readings of the type of paint in question were below the action level and can be considered non-lead paint.

Paint Tested

Result

- | | |
|--|----------|
| 1. Exterior trim paints on wood doors, door jambs, moldings, window sills, and soffits | positive |
| 2. Exterior trim paints on metal railings and columns | positive |
| 3. Interior ceramic glazing materials | positive |
| 4. Exterior paints on plaster walls | negative |
| 5. All interior paints | negative |

All glazing materials were found to be stable and in good condition. Under normal use of these ceramic fixtures and tiles, and provided they are not significantly disturbed, it is extremely unlikely that the lead in the glazing would present any health risks. Also, soil testing performed along the drip lines of randomly selected units showed no elevated levels of lead. Any paints in poor condition, described as exhibiting signs of peeling, chipping, or flaking, should be properly stabilized in accordance with Chapter 11 of the HUD guidelines entitled “Interim Controls”.

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Hazardous Materials Officer
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